

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 14:58:11

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

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

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

RE STARTING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

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

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

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

RE DISCCART -212.13 -127.28 1.2
 RE DISCCART -219.2 -120.21 1.2
 RE DISCCART -226.27 -113.14 1.2
 RE DISCCART -233.35 -106.07 1.2
 RE DISCCART -240.42 -98.99 1.2
 RE DISCCART -106.07 -247.49 1.2
 RE DISCCART -113.14 -240.42 1.2
 RE DISCCART -120.21 -233.35 1.2
 RE DISCCART -127.28 -226.27 1.2
 RE DISCCART -134.35 -219.2 1.2
 RE DISCCART -141.42 -212.13 1.2
 RE DISCCART -148.49 -205.06 1.2
 RE DISCCART -155.56 -197.99 1.2
 RE DISCCART -159.1 -194.45 1.2
 RE DISCCART -162.63 -190.92 1.2
 RE DISCCART -164.76 -188.8 1.2
 RE DISCCART -166.17 -187.38 1.2
 RE DISCCART -167.58 -185.97 1.2
 RE DISCCART -169.0 -184.55 1.2
 RE DISCCART -170.41 -183.14 1.2
 RE DISCCART -183.14 -170.41 1.2
 RE DISCCART -184.55 -169.0 1.2
 RE DISCCART -185.97 -167.58 1.2
 RE DISCCART -187.38 -166.17 1.2
 RE DISCCART -188.8 -164.76 1.2
 RE DISCCART -190.92 -162.63 1.2
 RE DISCCART -194.45 -159.1 1.2
 RE DISCCART -197.99 -155.56 1.2
 RE DISCCART -205.06 -148.49 1.2
 RE DISCCART -212.13 -141.42 1.2
 RE DISCCART -219.2 -134.35 1.2
 RE DISCCART -226.27 -127.28 1.2
 RE DISCCART -233.35 -120.21 1.2
 RE DISCCART -240.42 -113.14 1.2
 RE DISCCART -247.49 -106.07 1.2
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** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

14:58:12

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL~1\PETALUMA\14NCRA~1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\14NCRA-1.LST

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

14:58:12

**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE SOURCE SCALAR VARY BY ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA_S1 through NCRA_S5.

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

14:58:12

**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 ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

14:58:12

**MODELOPTs:
PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:

PAGE 6

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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/20/08

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

14:58:12

**MODELOPTs:

PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_PL94-300_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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

PAGE 11

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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **MODELOPTs:
 PAGE 12
 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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:
 PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_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:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 17
 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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTS:
 PAGE 19
 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);

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **MODELOPTs:
 PAGE 20

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);

14NCRA_PL94-300_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 ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

14:58:12
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

1 1 1 1
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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1994 1 1 1
 AND END DATE: 1994 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
 (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.15000E+00	A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.15000E+00	B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.20000E+00	C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
.25000E+00	D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
.30000E+00	E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
.30000E+00	F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.00000E+00	A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.20000E-01	E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
.35000E-01	F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08
 14:58:12
 **MODELOPTS:
 PAGE 22
 CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Petaluma\PET94300.ASC
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 9901 UPPER AIR STATION NO.: 9901
 NAME: UNKNOWN NAME: UNKNOWN
 YEAR: 1994 YEAR: 1994

14NCRA_PL94-300_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)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

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

14:58:12

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00001	152.03	130.81	0.00001
150.61	132.23	0.00001	149.20	133.64	0.00001
147.79	135.06	0.00001	135.06	147.79	0.00001
133.64	149.20	0.00001	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 26

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound
CONC

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **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	0.00002	95.46	74.25	0.00002
94.05	75.66	0.00002	92.63	77.07	0.00002
91.22	78.49	0.00002	78.49	91.22	0.00002
77.07	92.63	0.00002	75.66	94.05	0.00002
74.25	95.46	0.00002	72.83	96.87	0.00002
70.71	98.99	0.00002	67.18	102.53	0.00002
63.64	106.07	0.00002	56.57	113.14	0.00002
49.50	120.21	0.00002	42.43	127.28	0.00002
35.36	134.35	0.00002	28.28	141.42	0.00002
21.21	148.49	0.00002	14.14	155.56	0.00002
148.49	7.07	0.00004	141.42	14.14	0.00004
134.35	21.21	0.00004	127.28	28.28	0.00003
120.21	35.36	0.00003	113.14	42.43	0.00003
106.07	49.50	0.00003	98.99	56.57	0.00003
95.46	60.10	0.00003	91.92	63.64	0.00003
89.80	65.76	0.00003	88.39	67.18	0.00003
86.97	68.59	0.00003	85.56	70.00	0.00002
84.15	71.42	0.00002	71.42	84.15	0.00002
70.00	85.56	0.00002	68.59	86.97	0.00002
67.18	88.39	0.00002	65.76	89.80	0.00002
63.64	91.92	0.00002	60.10	95.46	0.00002
56.57	98.99	0.00002	49.50	106.07	0.00002
42.43	113.14	0.00002	35.36	120.21	0.00002
28.28	127.28	0.00002	21.21	134.35	0.00002
14.14	141.42	0.00002	7.07	148.49	0.00002
141.42	0.00	0.00005	134.35	7.07	0.00004
127.28	14.14	0.00004	120.21	21.21	0.00004
113.14	28.28	0.00003	106.07	35.36	0.00003
98.99	42.43	0.00003	91.92	49.50	0.00003
88.39	53.03	0.00003	84.85	56.57	0.00003
82.73	58.69	0.00003	81.32	60.10	0.00003

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00005	127.28	0.00	0.00005
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00003
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00003	21.21	106.07	0.00003
14.14	113.14	0.00003	7.07	120.21	0.00003
0.00	127.28	0.00002	-7.07	134.35	0.00002
127.28	-14.14	0.00006	120.21	-7.07	0.00005
113.14	0.00	0.00005	106.07	7.07	0.00004
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **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	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00003	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00007	106.07	-21.21	0.00007
98.99	-14.14	0.00006	91.92	-7.07	0.00005
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00003
34.65	50.20	0.00003	33.23	51.62	0.00003
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00003	-14.14	98.99	0.00003

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00008	98.99	-28.28	0.00007
91.92	-21.21	0.00007	84.85	-14.14	0.00006
77.78	-7.07	0.00006	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00004
0.00	70.71	0.00004	-7.07	77.78	0.00004
-14.14	84.85	0.00003	-21.21	91.92	0.00003
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00009	91.92	-35.36	0.00008
84.85	-28.28	0.00008	77.78	-21.21	0.00007
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00005	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

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

14:58:12
 **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	0.00004	38.89	17.68	0.00004
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00004
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00004	-28.28	84.85	0.00004
-35.36	91.92	0.00003	-42.43	98.99	0.00003
91.92	-49.50	0.00010	84.85	-42.43	0.00010
77.78	-35.36	0.00009	70.71	-28.28	0.00008
63.64	-21.21	0.00007	56.57	-14.14	0.00006

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00005
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00005	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00004
13.44	28.99	0.00004	12.02	30.41	0.00004
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00004	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00003
84.85	-56.57	0.00012	77.78	-49.50	0.00011
70.71	-42.43	0.00010	63.64	-35.36	0.00009
56.57	-28.28	0.00008	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00006
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00005	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00005	2.12	26.16	0.00005
0.00	28.28	0.00005	-3.54	31.82	0.00005
-7.07	35.36	0.00005	-14.14	42.43	0.00005
-21.21	49.50	0.00005	-28.28	56.57	0.00005
-35.36	63.64	0.00004	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

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

14:58:12
 **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	0.00014	70.71	-56.57	0.00013
63.64	-49.50	0.00012	56.57	-42.43	0.00011
49.50	-35.36	0.00009	42.43	-28.28	0.00008
35.36	-21.21	0.00007	28.28	-14.14	0.00007
24.75	-10.61	0.00006	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00006
16.26	-2.12	0.00006	14.85	-0.71	0.00006

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00005
-0.71	14.85	0.00005	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00005
-28.28	42.43	0.00005	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00004
-56.57	70.71	0.00004	-63.64	77.78	0.00004
70.71	-70.71	0.00016	63.64	-63.64	0.00015
56.57	-56.57	0.00014	49.50	-49.50	0.00012
42.43	-42.43	0.00011	35.36	-35.36	0.00010
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00007	14.14	-14.14	0.00007
12.02	-12.02	0.00007	10.61	-10.61	0.00007
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00006	-12.02	12.02	0.00006
-14.14	14.14	0.00006	-17.68	17.68	0.00006
-21.21	21.21	0.00006	-28.28	28.28	0.00006
-35.36	35.36	0.00006	-42.43	42.43	0.00005
-49.50	49.50	0.00005	-56.57	56.57	0.00005
-63.64	63.64	0.00004	-70.71	70.71	0.00004
63.64	-77.78	0.00018	56.57	-70.71	0.00017
49.50	-63.64	0.00016	42.43	-56.57	0.00014
35.36	-49.50	0.00013	28.28	-42.43	0.00011
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00008	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	0.00007	-19.09	4.95	0.00007

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

14:58:12
 **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	0.00007	-24.75	10.61	0.00007

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00007	-35.36	21.21	0.00006
-42.43	28.28	0.00006	-49.50	35.36	0.00006
-56.57	42.43	0.00005	-63.64	49.50	0.00005
-70.71	56.57	0.00005	-77.78	63.64	0.00005
56.57	-84.85	0.00022	49.50	-77.78	0.00020
42.43	-70.71	0.00019	35.36	-63.64	0.00017
28.28	-56.57	0.00015	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00010
3.54	-31.82	0.00010	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00008
-7.78	-20.51	0.00008	-20.51	-7.78	0.00008
-21.92	-6.36	0.00008	-23.33	-4.95	0.00008
-24.75	-3.54	0.00008	-26.16	-2.12	0.00008
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00007	-42.43	14.14	0.00007
-49.50	21.21	0.00007	-56.57	28.28	0.00006
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00005	-84.85	56.57	0.00005
49.50	-91.92	0.00026	42.43	-84.85	0.00024
35.36	-77.78	0.00023	28.28	-70.71	0.00021
21.21	-63.64	0.00018	14.14	-56.57	0.00016
7.07	-49.50	0.00014	0.00	-42.43	0.00012
-3.54	-38.89	0.00011	-7.07	-35.36	0.00011
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00009
-31.82	-10.61	0.00009	-33.23	-9.19	0.00009
-35.36	-7.07	0.00009	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00008	-63.64	21.21	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00006
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00032	35.36	-91.92	0.00030
28.28	-84.85	0.00027	21.21	-77.78	0.00025
14.14	-70.71	0.00023	7.07	-63.64	0.00020
0.00	-56.57	0.00017	-7.07	-49.50	0.00014
-10.61	-45.96	0.00013	-14.14	-42.43	0.00012

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00012	-17.68	-38.89	0.00012
-19.09	-37.48	0.00011	-20.51	-36.06	0.00011
-21.92	-34.65	0.00011	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00010	-40.31	-16.26	0.00010
-42.43	-14.14	0.00010	-45.96	-10.61	0.00010
-49.50	-7.07	0.00010	-56.57	0.00	0.00009
-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00007	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00006
35.36	-106.07	0.00038	28.28	-98.99	0.00036
21.21	-91.92	0.00034	14.14	-84.85	0.00031
7.07	-77.78	0.00028	0.00	-70.71	0.00025
-7.07	-63.64	0.00021	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00015
-23.33	-47.38	0.00014	-24.75	-45.96	0.00014
-26.16	-44.55	0.00014	-27.58	-43.13	0.00013
-28.99	-41.72	0.00013	-41.72	-28.99	0.00012
-43.13	-27.58	0.00012	-44.55	-26.16	0.00011
-45.96	-24.75	0.00011	-47.38	-23.33	0.00011
-49.50	-21.21	0.00011	-53.03	-17.68	0.00011
-56.57	-14.14	0.00011	-63.64	-7.07	0.00010
-70.71	0.00	0.00009	-77.78	7.07	0.00009
-84.85	14.14	0.00008	-91.92	21.21	0.00008
-98.99	28.28	0.00008	-106.07	35.36	0.00007
28.28	-113.14	0.00047	21.21	-106.07	0.00045
14.14	-98.99	0.00043	7.07	-91.92	0.00039
0.00	-84.85	0.00035	-7.07	-77.78	0.00031
-14.14	-70.71	0.00027	-21.21	-63.64	0.00022
-24.75	-60.10	0.00020	-28.28	-56.57	0.00018
-30.41	-54.45	0.00017	-31.82	-53.03	0.00017
-33.23	-51.62	0.00016	-34.65	-50.20	0.00016
-36.06	-48.79	0.00015	-48.79	-36.06	0.00014
-50.20	-34.65	0.00014	-51.62	-33.23	0.00013
-53.03	-31.82	0.00013	-54.45	-30.41	0.00013
-56.57	-28.28	0.00013	-60.10	-24.75	0.00013
-63.64	-21.21	0.00013	-70.71	-14.14	0.00012
-77.78	-7.07	0.00011	-84.85	0.00	0.00010
-91.92	7.07	0.00009	-98.99	14.14	0.00009

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00065	-42.43	-84.85	0.00053
-45.96	-81.32	0.00047	-49.50	-77.78	0.00040
-51.62	-75.66	0.00037	-53.03	-74.25	0.00035
-54.45	-72.83	0.00033	-55.86	-71.42	0.00031
-57.28	-70.00	0.00030	-70.00	-57.28	0.00024
-71.42	-55.86	0.00024	-72.83	-54.45	0.00024
-74.25	-53.03	0.00023	-75.66	-51.62	0.00023

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

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

14:58:12

**MODELOPTs:
PAGE 36

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	0.00023	-81.32	-45.96	0.00021
-84.85	-42.43	0.00020	-91.92	-35.36	0.00018
-98.99	-28.28	0.00017	-106.07	-21.21	0.00017
-113.14	-14.14	0.00016	-120.21	-7.07	0.00016
-127.28	0.00	0.00015	-134.35	7.07	0.00015
0.00	-141.42	0.00111	-7.07	-134.35	0.00115
-14.14	-127.28	0.00117	-21.21	-120.21	0.00117
-28.28	-113.14	0.00114	-35.36	-106.07	0.00107
-42.43	-98.99	0.00095	-49.50	-91.92	0.00078
-53.03	-88.39	0.00069	-56.57	-84.85	0.00059
-58.69	-82.73	0.00053	-60.10	-81.32	0.00050
-61.52	-79.90	0.00046	-62.93	-78.49	0.00043
-64.35	-77.07	0.00041	-77.07	-64.35	0.00031
-78.49	-62.93	0.00030	-79.90	-61.52	0.00030
-81.32	-60.10	0.00029	-82.73	-58.69	0.00029
-84.85	-56.57	0.00028	-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	0.00020	-127.28	-14.14	0.00020
-134.35	-7.07	0.00019	-141.42	0.00	0.00018
-7.07	-148.49	0.00136	-14.14	-141.42	0.00144
-21.21	-134.35	0.00151	-28.28	-127.28	0.00156
-35.36	-120.21	0.00158	-42.43	-113.14	0.00155
-49.50	-106.07	0.00145	-56.57	-98.99	0.00125
-60.10	-95.46	0.00110	-63.64	-91.92	0.00094
-65.76	-89.80	0.00084	-67.18	-88.39	0.00077
-68.59	-86.97	0.00071	-70.00	-85.56	0.00065

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00059	-84.15	-71.42	0.00040
-85.56	-70.00	0.00039	-86.97	-68.59	0.00038
-88.39	-67.18	0.00037	-89.80	-65.76	0.00036
-91.92	-63.64	0.00034	-95.46	-60.10	0.00033
-98.99	-56.57	0.00031	-106.07	-49.50	0.00030
-113.14	-42.43	0.00029	-120.21	-35.36	0.00028
-127.28	-28.28	0.00027	-134.35	-21.21	0.00025
-141.42	-14.14	0.00024	-148.49	-7.07	0.00023
-14.14	-155.56	0.00164	-21.21	-148.49	0.00178
-28.28	-141.42	0.00192	-35.36	-134.35	0.00205
-42.43	-127.28	0.00217	-49.50	-120.21	0.00225
-56.57	-113.14	0.00225	-63.64	-106.07	0.00210
-67.18	-102.53	0.00194	-70.71	-98.99	0.00171

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

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

14:58:12

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00153	-74.25	-95.46	0.00141
-75.66	-94.05	0.00127	-77.07	-92.63	0.00114
-78.49	-91.22	0.00101	-91.22	-78.49	0.00053
-92.63	-77.07	0.00051	-94.05	-75.66	0.00050
-95.46	-74.25	0.00048	-96.87	-72.83	0.00047
-98.99	-70.71	0.00046	-102.53	-67.18	0.00045
-106.07	-63.64	0.00044	-113.14	-56.57	0.00042
-120.21	-49.50	0.00040	-127.28	-42.43	0.00038
-134.35	-35.36	0.00035	-141.42	-28.28	0.00033
-148.49	-21.21	0.00031	-155.56	-14.14	0.00028
-21.21	-162.63	0.00193	-28.28	-155.56	0.00213
-35.36	-148.49	0.00236	-42.43	-141.42	0.00260
-49.50	-134.35	0.00286	-56.57	-127.28	0.00313
-63.64	-120.21	0.00336	-70.71	-113.14	0.00349
-74.25	-109.60	0.00347	-77.78	-106.07	0.00335
-79.90	-103.94	0.00320	-81.32	-102.53	0.00306
-82.73	-101.12	0.00287	-84.15	-99.70	0.00263
-85.56	-98.29	0.00234	-98.29	-85.56	0.00077
-99.70	-84.15	0.00076	-101.12	-82.73	0.00076
-102.53	-81.32	0.00076	-103.94	-79.90	0.00075
-106.07	-77.78	0.00074	-109.60	-74.25	0.00072

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00069	-120.21	-63.64	0.00063
-127.28	-56.57	0.00057	-134.35	-49.50	0.00052
-141.42	-42.43	0.00047	-148.49	-35.36	0.00042
-155.56	-28.28	0.00038	-162.63	-21.21	0.00035
-28.28	-169.71	0.00220	-35.36	-162.63	0.00247
-42.43	-155.56	0.00278	-49.50	-148.49	0.00314
-56.57	-141.42	0.00355	-63.64	-134.35	0.00401
-70.71	-127.28	0.00450	-77.78	-120.21	0.00499
-81.32	-116.67	0.00520	-84.85	-113.14	0.00534
-86.97	-111.02	0.00538	-88.39	-109.60	0.00538
-89.80	-108.19	0.00536	-91.22	-106.77	0.00536
-92.63	-105.36	0.00533	-105.36	-92.63	0.00153
-106.77	-91.22	0.00146	-108.19	-89.80	0.00139
-109.60	-88.39	0.00134	-111.02	-86.97	0.00130
-113.14	-84.85	0.00123	-116.67	-81.32	0.00114
-120.21	-77.78	0.00105	-127.28	-70.71	0.00090
-134.35	-63.64	0.00077	-141.42	-56.57	0.00067
-148.49	-49.50	0.00059	-155.56	-42.43	0.00052
-162.63	-35.36	0.00046	-169.71	-28.28	0.00041

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

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

14:58:12

**MODELOPTs:
 PAGE 38

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	-176.78	0.00242	-42.43	-169.71	0.00275
-49.50	-162.63	0.00313	-56.57	-155.56	0.00358
-63.64	-148.49	0.00410	-70.71	-141.42	0.00469
-77.78	-134.35	0.00532	-84.85	-127.28	0.00590
-88.39	-123.74	0.00613	-91.92	-120.21	0.00626
-94.05	-118.09	0.00626	-95.46	-116.67	0.00622
-96.87	-115.26	0.00614	-98.29	-113.84	0.00606
-99.70	-112.43	0.00595	-112.43	-99.70	0.00190
-113.84	-98.29	0.00184	-115.26	-96.87	0.00180
-116.67	-95.46	0.00175	-118.09	-94.05	0.00171
-120.21	-91.92	0.00163	-123.74	-88.39	0.00150
-127.28	-84.85	0.00138	-134.35	-77.78	0.00115
-141.42	-70.71	0.00097	-148.49	-63.64	0.00083
-155.56	-56.57	0.00071	-162.63	-49.50	0.00061
-169.71	-42.43	0.00054	-176.78	-35.36	0.00047

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00258	-49.50	-176.78	0.00294
-56.57	-169.71	0.00337	-63.64	-162.63	0.00387
-70.71	-155.56	0.00445	-77.78	-148.49	0.00509
-84.85	-141.42	0.00576	-91.92	-134.35	0.00635
-95.46	-130.81	0.00654	-98.99	-127.28	0.00662
-101.12	-125.16	0.00658	-102.53	-123.74	0.00651
-103.94	-122.33	0.00641	-105.36	-120.92	0.00628
-106.77	-119.50	0.00616	-119.50	-106.77	0.00208
-120.92	-105.36	0.00202	-122.33	-103.94	0.00198
-123.74	-102.53	0.00194	-125.16	-101.12	0.00190
-127.28	-98.99	0.00184	-130.81	-95.46	0.00173
-134.35	-91.92	0.00161	-141.42	-84.85	0.00137
-148.49	-77.78	0.00115	-155.56	-70.71	0.00097
-162.63	-63.64	0.00082	-169.71	-56.57	0.00070
-176.78	-49.50	0.00061	-183.85	-42.43	0.00053
-49.50	-190.92	0.00265	-56.57	-183.85	0.00304
-63.64	-176.78	0.00348	-70.71	-169.71	0.00401
-77.78	-162.63	0.00461	-84.85	-155.56	0.00528
-91.92	-148.49	0.00597	-98.99	-141.42	0.00655
-102.53	-137.89	0.00672	-106.07	-134.35	0.00676
-108.19	-132.23	0.00671	-109.60	-130.81	0.00664
-111.02	-129.40	0.00654	-112.43	-127.99	0.00641
-113.84	-126.57	0.00628	-126.57	-113.84	0.00221
-127.99	-112.43	0.00215	-129.40	-111.02	0.00210
-130.81	-109.60	0.00206	-132.23	-108.19	0.00202

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

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

14:58:12
 **MODELOPTs:
 PAGE 39

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	0.00196	-137.89	-102.53	0.00186
-141.42	-98.99	0.00175	-148.49	-91.92	0.00151
-155.56	-84.85	0.00129	-162.63	-77.78	0.00109
-169.71	-70.71	0.00092	-176.78	-63.64	0.00078
-183.85	-56.57	0.00067	-190.92	-49.50	0.00058
-56.57	-197.99	0.00264	-63.64	-190.92	0.00302
-70.71	-183.85	0.00347	-77.78	-176.78	0.00400
-84.85	-169.71	0.00461	-91.92	-162.63	0.00529
-98.99	-155.56	0.00599	-106.07	-148.49	0.00656

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00674	-113.14	-141.42	0.00680
-115.26	-139.30	0.00675	-116.67	-137.89	0.00669
-118.09	-136.47	0.00659	-119.50	-135.06	0.00646
-120.92	-133.64	0.00633	-133.64	-120.92	0.00229
-135.06	-119.50	0.00223	-136.47	-118.09	0.00218
-137.89	-116.67	0.00214	-139.30	-115.26	0.00210
-141.42	-113.14	0.00204	-144.96	-109.60	0.00193
-148.49	-106.07	0.00183	-155.56	-98.99	0.00160
-162.63	-91.92	0.00137	-169.71	-84.85	0.00117
-176.78	-77.78	0.00099	-183.85	-70.71	0.00084
-190.92	-63.64	0.00072	-197.99	-56.57	0.00062
-63.64	-205.06	0.00254	-70.71	-197.99	0.00290
-77.78	-190.92	0.00333	-84.85	-183.85	0.00385
-91.92	-176.78	0.00445	-98.99	-169.71	0.00512
-106.07	-162.63	0.00581	-113.14	-155.56	0.00642
-116.67	-152.03	0.00663	-120.21	-148.49	0.00672
-122.33	-146.37	0.00670	-123.74	-144.96	0.00664
-125.16	-143.54	0.00655	-126.57	-142.13	0.00644
-127.99	-140.71	0.00630	-140.71	-127.99	0.00232
-142.13	-126.57	0.00226	-143.54	-125.16	0.00222
-144.96	-123.74	0.00218	-146.37	-122.33	0.00214
-148.49	-120.21	0.00208	-152.03	-116.67	0.00198
-155.56	-113.14	0.00187	-162.63	-106.07	0.00164
-169.71	-98.99	0.00141	-176.78	-91.92	0.00121
-183.85	-84.85	0.00103	-190.92	-77.78	0.00088
-197.99	-70.71	0.00075	-205.06	-63.64	0.00065
-70.71	-212.13	0.00237	-77.78	-205.06	0.00270
-84.85	-197.99	0.00309	-91.92	-190.92	0.00356
-98.99	-183.85	0.00411	-106.07	-176.78	0.00473
-113.14	-169.71	0.00539	-120.21	-162.63	0.00603
-123.74	-159.10	0.00629	-127.28	-155.56	0.00644

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

14:58:12
 **MODELOPTs:
 PAGE 40

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	0.00646	-130.81	-152.03	0.00644
-132.23	-150.61	0.00638	-133.64	-149.20	0.00629
-135.06	-147.79	0.00618	-147.79	-135.06	0.00231

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00225	-150.61	-132.23	0.00221
-152.03	-130.81	0.00218	-153.44	-129.40	0.00215
-155.56	-127.28	0.00209	-159.10	-123.74	0.00198
-162.63	-120.21	0.00187	-169.71	-113.14	0.00163
-176.78	-106.07	0.00141	-183.85	-98.99	0.00120
-190.92	-91.92	0.00103	-197.99	-84.85	0.00088
-205.06	-77.78	0.00076	-212.13	-70.71	0.00065
-77.78	-219.20	0.00213	-84.85	-212.13	0.00241
-91.92	-205.06	0.00274	-98.99	-197.99	0.00313
-106.07	-190.92	0.00358	-113.14	-183.85	0.00408
-120.21	-176.78	0.00465	-127.28	-169.71	0.00524
-130.81	-166.17	0.00551	-134.35	-162.63	0.00573
-136.47	-160.51	0.00582	-137.89	-159.10	0.00586
-139.30	-157.68	0.00587	-140.71	-156.27	0.00585
-142.13	-154.86	0.00582	-154.86	-142.13	0.00224
-156.27	-140.71	0.00219	-157.68	-139.30	0.00215
-159.10	-137.89	0.00212	-160.51	-136.47	0.00209
-162.63	-134.35	0.00203	-166.17	-130.81	0.00192
-169.71	-127.28	0.00180	-176.78	-120.21	0.00155
-183.85	-113.14	0.00134	-190.92	-106.07	0.00115
-197.99	-98.99	0.00099	-205.06	-91.92	0.00085
-212.13	-84.85	0.00073	-219.20	-77.78	0.00064
-84.85	-226.27	0.00186	-91.92	-219.20	0.00208
-98.99	-212.13	0.00232	-106.07	-205.06	0.00260
-113.14	-197.99	0.00290	-120.21	-190.92	0.00323
-127.28	-183.85	0.00356	-134.35	-176.78	0.00388
-137.89	-173.24	0.00402	-141.42	-169.71	0.00413
-143.54	-167.58	0.00420	-144.96	-166.17	0.00425
-146.37	-164.76	0.00432	-147.79	-163.34	0.00440
-149.20	-161.93	0.00452	-161.93	-149.20	0.00204
-163.34	-147.79	0.00198	-164.76	-146.37	0.00193
-166.17	-144.96	0.00189	-167.58	-143.54	0.00186
-169.71	-141.42	0.00180	-173.24	-137.89	0.00169
-176.78	-134.35	0.00159	-183.85	-127.28	0.00138
-190.92	-120.21	0.00120	-197.99	-113.14	0.00104
-205.06	-106.07	0.00091	-212.13	-98.99	0.00079
-219.20	-91.92	0.00069	-226.27	-84.85	0.00061

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

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

14:58:12

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_PL94-300_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	0.00158	-98.99	-226.27	0.00173
-106.07	-219.20	0.00189	-113.14	-212.13	0.00205
-120.21	-205.06	0.00221	-127.28	-197.99	0.00234
-134.35	-190.92	0.00243	-141.42	-183.85	0.00239
-144.96	-180.31	0.00231	-148.49	-176.78	0.00216
-150.61	-174.66	0.00203	-152.03	-173.24	0.00194
-153.44	-171.83	0.00183	-154.86	-170.41	0.00172
-156.27	-169.00	0.00160	-169.00	-156.27	0.00130
-170.41	-154.86	0.00132	-171.83	-153.44	0.00133
-173.24	-152.03	0.00134	-174.66	-150.61	0.00134
-176.78	-148.49	0.00134	-180.31	-144.96	0.00131
-183.85	-141.42	0.00126	-190.92	-134.35	0.00115
-197.99	-127.28	0.00102	-205.06	-120.21	0.00091
-212.13	-113.14	0.00081	-219.20	-106.07	0.00072
-226.27	-98.99	0.00064	-233.35	-91.92	0.00057
-98.99	-240.42	0.00131	-106.07	-233.35	0.00140
-113.14	-226.27	0.00149	-120.21	-219.20	0.00156
-127.28	-212.13	0.00161	-134.35	-205.06	0.00163
-141.42	-197.99	0.00159	-148.49	-190.92	0.00147
-152.03	-187.38	0.00137	-155.56	-183.85	0.00125
-157.68	-181.73	0.00116	-159.10	-180.31	0.00111
-160.51	-178.90	0.00106	-161.93	-177.48	0.00101
-163.34	-176.07	0.00097	-176.07	-163.34	0.00094
-177.48	-161.93	0.00094	-178.90	-160.51	0.00095
-180.31	-159.10	0.00095	-181.73	-157.68	0.00095
-183.85	-155.56	0.00096	-187.38	-152.03	0.00096
-190.92	-148.49	0.00096	-197.99	-141.42	0.00091
-205.06	-134.35	0.00085	-212.13	-127.28	0.00077
-219.20	-120.21	0.00070	-226.27	-113.14	0.00064
-233.35	-106.07	0.00058	-240.42	-98.99	0.00052
-106.07	-247.49	0.00107	-113.14	-240.42	0.00111
-120.21	-233.35	0.00115	-127.28	-226.27	0.00118
-134.35	-219.20	0.00118	-141.42	-212.13	0.00116
-148.49	-205.06	0.00110	-155.56	-197.99	0.00099
-159.10	-194.45	0.00092	-162.63	-190.92	0.00086
-164.76	-188.80	0.00083	-166.17	-187.38	0.00081
-167.58	-185.97	0.00079	-169.00	-184.55	0.00076
-170.41	-183.14	0.00075	-183.14	-170.41	0.00076
-184.55	-169.00	0.00077	-185.97	-167.58	0.00077
-187.38	-166.17	0.00076	-188.80	-164.76	0.00076

04/20/08

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

14:58:12

**MODELOPTs:
PAGE 42

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	0.00075	-194.45	-159.10	0.00074
-197.99	-155.56	0.00073	-205.06	-148.49	0.00071
-212.13	-141.42	0.00068	-219.20	-134.35	0.00064
-226.27	-127.28	0.00060	-233.35	-120.21	0.00055
-240.42	-113.14	0.00051	-247.49	-106.07	0.00047

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:
PAGE 43

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTS:
 PAGE 44

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00004	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/20/08

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

14:58:12
**MODELOPTS:
PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTS:
 PAGE 46
 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	0.00006	183.85	56.57	0.00005
176.78	63.64	0.00005	169.71	70.71	0.00004

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00003
56.57	183.85	0.00003	49.50	190.92	0.00003
183.85	42.43	0.00006	176.78	49.50	0.00006
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00003
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00003	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00007	169.71	42.43	0.00007
162.63	49.50	0.00006	155.56	56.57	0.00005
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00003
98.29	113.84	0.00003	96.87	115.26	0.00003
95.46	116.67	0.00003	94.05	118.09	0.00003

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

14:58:12
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA PL94-300 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	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00008	162.63	35.36	0.00007	
155.56	42.43	0.00007	148.49	49.50	0.00006	
141.42	56.57	0.00006	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00004	
63.64	134.35	0.00004	56.57	141.42	0.00004	
49.50	148.49	0.00003	42.43	155.56	0.00003	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00009	155.56	28.28	0.00008	
148.49	35.36	0.00008	141.42	42.43	0.00007	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00005	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00004	102.53	81.32	0.00004	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00004	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00004	35.36	148.49	0.00004	
28.28	155.56	0.00003	21.21	162.63	0.00003	
155.56	14.14	0.00010	148.49	21.21	0.00010	
141.42	28.28	0.00009	134.35	35.36	0.00008	
127.28	42.43	0.00007	120.21	49.50	0.00006	
113.14	56.57	0.00006	106.07	63.64	0.00005	
102.53	67.18	0.00005	98.99	70.71	0.00005	

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

*** NCRA Cumulative DPM Impacts

14:58:12

**MODELOPTs:

PAGE 48

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00005	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00004
77.07	92.63	0.00004	75.66	94.05	0.00004
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00004	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00003
148.49	7.07	0.00012	141.42	14.14	0.00011
134.35	21.21	0.00010	127.28	28.28	0.00009
120.21	35.36	0.00008	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00006
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00005	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00005	65.76	89.80	0.00005
63.64	91.92	0.00005	60.10	95.46	0.00005
56.57	98.99	0.00005	49.50	106.07	0.00005
42.43	113.14	0.00005	35.36	120.21	0.00005
28.28	127.28	0.00004	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00014	134.35	7.07	0.00013
127.28	14.14	0.00012	120.21	21.21	0.00011
113.14	28.28	0.00009	106.07	35.36	0.00008
98.99	42.43	0.00007	91.92	49.50	0.00007
88.39	53.03	0.00006	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00006
79.90	61.52	0.00006	78.49	62.93	0.00006
77.07	64.35	0.00006	64.35	77.07	0.00005
62.93	78.49	0.00005	61.52	79.90	0.00005

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00005
35.36	106.07	0.00005	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00004
7.07	134.35	0.00004	0.00	141.42	0.00004

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

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

14:58:12

**MODELOPTs:

PAGE 49

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	0.00016	127.28	0.00	0.00015
120.21	7.07	0.00014	113.14	14.14	0.00012
106.07	21.21	0.00011	98.99	28.28	0.00010
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00007	77.78	49.50	0.00007
75.66	51.62	0.00007	74.25	53.03	0.00007
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00006	51.62	75.66	0.00006
49.50	77.78	0.00006	45.96	81.32	0.00006
42.43	84.85	0.00006	35.36	91.92	0.00006
28.28	98.99	0.00006	21.21	106.07	0.00005
14.14	113.14	0.00005	7.07	120.21	0.00005
0.00	127.28	0.00004	-7.07	134.35	0.00004
127.28	-14.14	0.00018	120.21	-7.07	0.00017
113.14	0.00	0.00016	106.07	7.07	0.00014
98.99	14.14	0.00013	91.92	21.21	0.00011
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00008	70.71	42.43	0.00008
68.59	44.55	0.00008	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00007
62.93	50.20	0.00007	50.20	62.93	0.00007
48.79	64.35	0.00007	47.38	65.76	0.00007
45.96	67.18	0.00007	44.55	68.59	0.00007
42.43	70.71	0.00007	38.89	74.25	0.00007
35.36	77.78	0.00007	28.28	84.85	0.00006
21.21	91.92	0.00006	14.14	98.99	0.00006

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00005	0.00	113.14	0.00005
-7.07	120.21	0.00005	-14.14	127.28	0.00005
120.21	-21.21	0.00022	113.14	-14.14	0.00020
106.07	-7.07	0.00019	98.99	0.00	0.00017
91.92	7.07	0.00015	84.85	14.14	0.00013
77.78	21.21	0.00012	70.71	28.28	0.00010
67.18	31.82	0.00010	63.64	35.36	0.00009
61.52	37.48	0.00009	60.10	38.89	0.00009
58.69	40.31	0.00009	57.28	41.72	0.00008
55.86	43.13	0.00008	43.13	55.86	0.00008
41.72	57.28	0.00008	40.31	58.69	0.00008
38.89	60.10	0.00008	37.48	61.52	0.00008

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

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

14:58:12

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00007	31.82	67.18	0.00007
28.28	70.71	0.00007	21.21	77.78	0.00007
14.14	84.85	0.00007	7.07	91.92	0.00006
0.00	98.99	0.00006	-7.07	106.07	0.00006
-14.14	113.14	0.00005	-21.21	120.21	0.00005
113.14	-28.28	0.00026	106.07	-21.21	0.00024
98.99	-14.14	0.00023	91.92	-7.07	0.00021
84.85	0.00	0.00018	77.78	7.07	0.00016
70.71	14.14	0.00014	63.64	21.21	0.00012
60.10	24.75	0.00011	56.57	28.28	0.00011
54.45	30.41	0.00010	53.03	31.82	0.00010
51.62	33.23	0.00010	50.20	34.65	0.00010
48.79	36.06	0.00010	36.06	48.79	0.00009
34.65	50.20	0.00009	33.23	51.62	0.00009
31.82	53.03	0.00009	30.41	54.45	0.00009
28.28	56.57	0.00009	24.75	60.10	0.00008
21.21	63.64	0.00008	14.14	70.71	0.00008
7.07	77.78	0.00008	0.00	84.85	0.00007
-7.07	91.92	0.00007	-14.14	98.99	0.00006
-21.21	106.07	0.00006	-28.28	113.14	0.00006
106.07	-35.36	0.00032	98.99	-28.28	0.00030
91.92	-21.21	0.00027	84.85	-14.14	0.00025

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00023	70.71	0.00	0.00020
63.64	7.07	0.00017	56.57	14.14	0.00014
53.03	17.68	0.00013	49.50	21.21	0.00012
47.38	23.33	0.00012	45.96	24.75	0.00012
44.55	26.16	0.00011	43.13	27.58	0.00011
41.72	28.99	0.00011	28.99	41.72	0.00010
27.58	43.13	0.00010	26.16	44.55	0.00010
24.75	45.96	0.00010	23.33	47.38	0.00010
21.21	49.50	0.00010	17.68	53.03	0.00010
14.14	56.57	0.00010	7.07	63.64	0.00009
0.00	70.71	0.00008	-7.07	77.78	0.00008
-14.14	84.85	0.00007	-21.21	91.92	0.00007
-28.28	98.99	0.00007	-35.36	106.07	0.00006
98.99	-42.43	0.00038	91.92	-35.36	0.00036
84.85	-28.28	0.00034	77.78	-21.21	0.00031
70.71	-14.14	0.00028	63.64	-7.07	0.00025
56.57	0.00	0.00021	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00015

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

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

14:58:12
 **MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00014	38.89	17.68	0.00014
37.48	19.09	0.00014	36.06	20.51	0.00013
34.65	21.92	0.00013	21.92	34.65	0.00012
20.51	36.06	0.00012	19.09	37.48	0.00011
17.68	38.89	0.00011	16.26	40.31	0.00011
14.14	42.43	0.00011	10.61	45.96	0.00011
7.07	49.50	0.00011	0.00	56.57	0.00010
-7.07	63.64	0.00009	-14.14	70.71	0.00009
-21.21	77.78	0.00008	-28.28	84.85	0.00008
-35.36	91.92	0.00008	-42.43	98.99	0.00007
91.92	-49.50	0.00047	84.85	-42.43	0.00045
77.78	-35.36	0.00043	70.71	-28.28	0.00039
63.64	-21.21	0.00035	56.57	-14.14	0.00031
49.50	-7.07	0.00027	42.43	0.00	0.00022
38.89	3.54	0.00020	35.36	7.07	0.00018
33.23	9.19	0.00017	31.82	10.61	0.00017

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00015	14.85	27.58	0.00014
13.44	28.99	0.00014	12.02	30.41	0.00013
10.61	31.82	0.00013	9.19	33.23	0.00013
7.07	35.36	0.00013	3.54	38.89	0.00013
0.00	42.43	0.00013	-7.07	49.50	0.00012
-14.14	56.57	0.00011	-21.21	63.64	0.00010
-28.28	70.71	0.00009	-35.36	77.78	0.00009
-42.43	84.85	0.00009	-49.50	91.92	0.00009
84.85	-56.57	0.00058	77.78	-49.50	0.00057
70.71	-42.43	0.00054	63.64	-35.36	0.00051
56.57	-28.28	0.00046	49.50	-21.21	0.00040
42.43	-14.14	0.00035	35.36	-7.07	0.00028
31.82	-3.54	0.00025	28.28	0.00	0.00023
26.16	2.12	0.00021	24.75	3.54	0.00021
23.33	4.95	0.00020	21.92	6.36	0.00019
20.51	7.78	0.00019	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00016
0.00	28.28	0.00016	-3.54	31.82	0.00015
-7.07	35.36	0.00015	-14.14	42.43	0.00013
-21.21	49.50	0.00012	-28.28	56.57	0.00011
-35.36	63.64	0.00011	-42.43	70.71	0.00011
-49.50	77.78	0.00010	-56.57	84.85	0.00010

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

14:58:12
 **MODELOPTs:
 PAGE 52
 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	0.00072	70.71	-56.57	0.00071
63.64	-49.50	0.00069	56.57	-42.43	0.00066
49.50	-35.36	0.00061	42.43	-28.28	0.00054
35.36	-21.21	0.00046	28.28	-14.14	0.00038
24.75	-10.61	0.00034	21.21	-7.07	0.00030
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00025	14.85	-0.71	0.00024
13.44	0.71	0.00023	0.71	13.44	0.00020
-0.71	14.85	0.00019	-2.12	16.26	0.00019
-3.54	17.68	0.00019	-4.95	19.09	0.00019

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00019	-10.61	24.75	0.00018
-14.14	28.28	0.00017	-21.21	35.36	0.00015
-28.28	42.43	0.00014	-35.36	49.50	0.00014
-42.43	56.57	0.00013	-49.50	63.64	0.00013
-56.57	70.71	0.00012	-63.64	77.78	0.00012
70.71	-70.71	0.00090	63.64	-63.64	0.00091
56.57	-56.57	0.00090	49.50	-49.50	0.00087
42.43	-42.43	0.00083	35.36	-35.36	0.00075
28.28	-28.28	0.00065	21.21	-21.21	0.00053
17.68	-17.68	0.00047	14.14	-14.14	0.00040
12.02	-12.02	0.00037	10.61	-10.61	0.00035
9.19	-9.19	0.00033	7.78	-7.78	0.00031
6.36	-6.36	0.00030	-6.36	6.36	0.00024
-7.78	7.78	0.00024	-9.19	9.19	0.00024
-10.61	10.61	0.00023	-12.02	12.02	0.00023
-14.14	14.14	0.00023	-17.68	17.68	0.00021
-21.21	21.21	0.00020	-28.28	28.28	0.00018
-35.36	35.36	0.00017	-42.43	42.43	0.00017
-49.50	49.50	0.00016	-56.57	56.57	0.00016
-63.64	63.64	0.00015	-70.71	70.71	0.00015
63.64	-77.78	0.00111	56.57	-70.71	0.00115
49.50	-63.64	0.00117	42.43	-56.57	0.00117
35.36	-49.50	0.00114	28.28	-42.43	0.00107
21.21	-35.36	0.00095	14.14	-28.28	0.00078
10.61	-24.75	0.00069	7.07	-21.21	0.00059
4.95	-19.09	0.00053	3.54	-17.68	0.00050
2.12	-16.26	0.00046	0.71	-14.85	0.00043
-0.71	-13.44	0.00041	-13.44	-0.71	0.00031
-14.85	0.71	0.00030	-16.26	2.12	0.00030
-17.68	3.54	0.00029	-19.09	4.95	0.00029

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

14:58:12
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00028	-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	0.00020	-63.64	49.50	0.00020

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00019	-77.78	63.64	0.00018
56.57	-84.85	0.00136	49.50	-77.78	0.00144
42.43	-70.71	0.00151	35.36	-63.64	0.00156
28.28	-56.57	0.00158	21.21	-49.50	0.00155
14.14	-42.43	0.00145	7.07	-35.36	0.00125
3.54	-31.82	0.00110	0.00	-28.28	0.00094
-2.12	-26.16	0.00084	-3.54	-24.75	0.00077
-4.95	-23.33	0.00071	-6.36	-21.92	0.00065
-7.78	-20.51	0.00059	-20.51	-7.78	0.00040
-21.92	-6.36	0.00039	-23.33	-4.95	0.00038
-24.75	-3.54	0.00037	-26.16	-2.12	0.00036
-28.28	0.00	0.00034	-31.82	3.54	0.00033
-35.36	7.07	0.00031	-42.43	14.14	0.00030
-49.50	21.21	0.00029	-56.57	28.28	0.00028
-63.64	35.36	0.00027	-70.71	42.43	0.00025
-77.78	49.50	0.00024	-84.85	56.57	0.00023
49.50	-91.92	0.00164	42.43	-84.85	0.00178
35.36	-77.78	0.00192	28.28	-70.71	0.00205
21.21	-63.64	0.00217	14.14	-56.57	0.00225
7.07	-49.50	0.00225	0.00	-42.43	0.00210
-3.54	-38.89	0.00194	-7.07	-35.36	0.00171
-9.19	-33.23	0.00153	-10.61	-31.82	0.00141
-12.02	-30.41	0.00127	-13.44	-28.99	0.00114
-14.85	-27.58	0.00101	-27.58	-14.85	0.00053
-28.99	-13.44	0.00051	-30.41	-12.02	0.00050
-31.82	-10.61	0.00048	-33.23	-9.19	0.00047
-35.36	-7.07	0.00046	-38.89	-3.54	0.00045
-42.43	0.00	0.00044	-49.50	7.07	0.00042
-56.57	14.14	0.00040	-63.64	21.21	0.00038
-70.71	28.28	0.00035	-77.78	35.36	0.00033
-84.85	42.43	0.00031	-91.92	49.50	0.00028
42.43	-98.99	0.00193	35.36	-91.92	0.00213
28.28	-84.85	0.00236	21.21	-77.78	0.00260
14.14	-70.71	0.00286	7.07	-63.64	0.00313
0.00	-56.57	0.00336	-7.07	-49.50	0.00349
-10.61	-45.96	0.00347	-14.14	-42.43	0.00335

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

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

14:58:12

**MODELOPTs:

PAGE 54

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

14NCRA_PL94-300_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	0.00320	-17.68	-38.89	0.00306
-19.09	-37.48	0.00287	-20.51	-36.06	0.00263
-21.92	-34.65	0.00234	-34.65	-21.92	0.00077
-36.06	-20.51	0.00076	-37.48	-19.09	0.00076
-38.89	-17.68	0.00076	-40.31	-16.26	0.00075
-42.43	-14.14	0.00074	-45.96	-10.61	0.00072
-49.50	-7.07	0.00069	-56.57	0.00	0.00063
-63.64	7.07	0.00057	-70.71	14.14	0.00052
-77.78	21.21	0.00047	-84.85	28.28	0.00042
-91.92	35.36	0.00038	-98.99	42.43	0.00035
35.36	-106.07	0.00220	28.28	-98.99	0.00247
21.21	-91.92	0.00278	14.14	-84.85	0.00314
7.07	-77.78	0.00355	0.00	-70.71	0.00401
-7.07	-63.64	0.00450	-14.14	-56.57	0.00499
-17.68	-53.03	0.00520	-21.21	-49.50	0.00534
-23.33	-47.38	0.00538	-24.75	-45.96	0.00538
-26.16	-44.55	0.00536	-27.58	-43.13	0.00536
-28.99	-41.72	0.00533	-41.72	-28.99	0.00153
-43.13	-27.58	0.00146	-44.55	-26.16	0.00139
-45.96	-24.75	0.00134	-47.38	-23.33	0.00130
-49.50	-21.21	0.00123	-53.03	-17.68	0.00114
-56.57	-14.14	0.00105	-63.64	-7.07	0.00090
-70.71	0.00	0.00077	-77.78	7.07	0.00067
-84.85	14.14	0.00059	-91.92	21.21	0.00052
-98.99	28.28	0.00046	-106.07	35.36	0.00041
28.28	-113.14	0.00242	21.21	-106.07	0.00275
14.14	-98.99	0.00313	7.07	-91.92	0.00358
0.00	-84.85	0.00410	-7.07	-77.78	0.00469
-14.14	-70.71	0.00532	-21.21	-63.64	0.00590
-24.75	-60.10	0.00613	-28.28	-56.57	0.00626
-30.41	-54.45	0.00626	-31.82	-53.03	0.00622
-33.23	-51.62	0.00614	-34.65	-50.20	0.00606
-36.06	-48.79	0.00595	-48.79	-36.06	0.00190
-50.20	-34.65	0.00184	-51.62	-33.23	0.00180
-53.03	-31.82	0.00175	-54.45	-30.41	0.00171
-56.57	-28.28	0.00163	-60.10	-24.75	0.00150
-63.64	-21.21	0.00138	-70.71	-14.14	0.00115
-77.78	-7.07	0.00097	-84.85	0.00	0.00083
-91.92	7.07	0.00071	-98.99	14.14	0.00061
-106.07	21.21	0.00054	-113.14	28.28	0.00047

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

*** NCRA Cumulative DPM Impacts

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

14:58:12
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00258	14.14	-113.14	0.00294	
7.07	-106.07	0.00337	0.00	-98.99	0.00387	
-7.07	-91.92	0.00445	-14.14	-84.85	0.00509	
-21.21	-77.78	0.00576	-28.28	-70.71	0.00635	
-31.82	-67.18	0.00654	-35.36	-63.64	0.00662	
-37.48	-61.52	0.00658	-38.89	-60.10	0.00651	
-40.31	-58.69	0.00641	-41.72	-57.28	0.00628	
-43.13	-55.86	0.00616	-55.86	-43.13	0.00208	
-57.28	-41.72	0.00202	-58.69	-40.31	0.00198	
-60.10	-38.89	0.00194	-61.52	-37.48	0.00190	
-63.64	-35.36	0.00184	-67.18	-31.82	0.00173	
-70.71	-28.28	0.00161	-77.78	-21.21	0.00137	
-84.85	-14.14	0.00115	-91.92	-7.07	0.00097	
-98.99	0.00	0.00082	-106.07	7.07	0.00070	
-113.14	14.14	0.00061	-120.21	21.21	0.00053	
14.14	-127.28	0.00265	7.07	-120.21	0.00304	
0.00	-113.14	0.00348	-7.07	-106.07	0.00401	
-14.14	-98.99	0.00461	-21.21	-91.92	0.00528	
-28.28	-84.85	0.00597	-35.36	-77.78	0.00655	
-38.89	-74.25	0.00672	-42.43	-70.71	0.00676	
-44.55	-68.59	0.00671	-45.96	-67.18	0.00664	
-47.38	-65.76	0.00654	-48.79	-64.35	0.00641	
-50.20	-62.93	0.00628	-62.93	-50.20	0.00221	
-64.35	-48.79	0.00215	-65.76	-47.38	0.00210	
-67.18	-45.96	0.00206	-68.59	-44.55	0.00202	
-70.71	-42.43	0.00196	-74.25	-38.89	0.00186	
-77.78	-35.36	0.00175	-84.85	-28.28	0.00151	
-91.92	-21.21	0.00129	-98.99	-14.14	0.00109	
-106.07	-7.07	0.00092	-113.14	0.00	0.00078	
-120.21	7.07	0.00067	-127.28	14.14	0.00058	
7.07	-134.35	0.00264	0.00	-127.28	0.00302	
-7.07	-120.21	0.00347	-14.14	-113.14	0.00400	
-21.21	-106.07	0.00461	-28.28	-98.99	0.00529	
-35.36	-91.92	0.00599	-42.43	-84.85	0.00656	
-45.96	-81.32	0.00674	-49.50	-77.78	0.00680	
-51.62	-75.66	0.00675	-53.03	-74.25	0.00669	

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00659	-55.86	-71.42	0.00646
-57.28	-70.00	0.00633	-70.00	-57.28	0.00229
-71.42	-55.86	0.00223	-72.83	-54.45	0.00218
-74.25	-53.03	0.00214	-75.66	-51.62	0.00210

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

14:58:12
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00204	-81.32	-45.96	0.00193
-84.85	-42.43	0.00183	-91.92	-35.36	0.00160
-98.99	-28.28	0.00137	-106.07	-21.21	0.00117
-113.14	-14.14	0.00099	-120.21	-7.07	0.00084
-127.28	0.00	0.00072	-134.35	7.07	0.00062
0.00	-141.42	0.00254	-7.07	-134.35	0.00290
-14.14	-127.28	0.00333	-21.21	-120.21	0.00385
-28.28	-113.14	0.00445	-35.36	-106.07	0.00512
-42.43	-98.99	0.00581	-49.50	-91.92	0.00642
-53.03	-88.39	0.00663	-56.57	-84.85	0.00672
-58.69	-82.73	0.00670	-60.10	-81.32	0.00664
-61.52	-79.90	0.00655	-62.93	-78.49	0.00644
-64.35	-77.07	0.00630	-77.07	-64.35	0.00232
-78.49	-62.93	0.00226	-79.90	-61.52	0.00222
-81.32	-60.10	0.00218	-82.73	-58.69	0.00214
-84.85	-56.57	0.00208	-88.39	-53.03	0.00198
-91.92	-49.50	0.00187	-98.99	-42.43	0.00164
-106.07	-35.36	0.00141	-113.14	-28.28	0.00121
-120.21	-21.21	0.00103	-127.28	-14.14	0.00088
-134.35	-7.07	0.00075	-141.42	0.00	0.00065
-7.07	-148.49	0.00237	-14.14	-141.42	0.00270
-21.21	-134.35	0.00309	-28.28	-127.28	0.00356
-35.36	-120.21	0.00411	-42.43	-113.14	0.00473
-49.50	-106.07	0.00539	-56.57	-98.99	0.00603
-60.10	-95.46	0.00629	-63.64	-91.92	0.00644
-65.76	-89.80	0.00646	-67.18	-88.39	0.00644
-68.59	-86.97	0.00638	-70.00	-85.56	0.00629
-71.42	-84.15	0.00618	-84.15	-71.42	0.00231
-85.56	-70.00	0.00225	-86.97	-68.59	0.00221
-88.39	-67.18	0.00218	-89.80	-65.76	0.00215

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00209	-95.46	-60.10	0.00198
-98.99	-56.57	0.00187	-106.07	-49.50	0.00163
-113.14	-42.43	0.00141	-120.21	-35.36	0.00120
-127.28	-28.28	0.00103	-134.35	-21.21	0.00088
-141.42	-14.14	0.00076	-148.49	-7.07	0.00065
-14.14	-155.56	0.00213	-21.21	-148.49	0.00241
-28.28	-141.42	0.00274	-35.36	-134.35	0.00313
-42.43	-127.28	0.00358	-49.50	-120.21	0.00408
-56.57	-113.14	0.00465	-63.64	-106.07	0.00524
-67.18	-102.53	0.00551	-70.71	-98.99	0.00573

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

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

14:58:12

**MODELOPTs:
 PAGE 57

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	0.00582	-74.25	-95.46	0.00586
-75.66	-94.05	0.00587	-77.07	-92.63	0.00585
-78.49	-91.22	0.00582	-91.22	-78.49	0.00224
-92.63	-77.07	0.00219	-94.05	-75.66	0.00215
-95.46	-74.25	0.00212	-96.87	-72.83	0.00209
-98.99	-70.71	0.00203	-102.53	-67.18	0.00192
-106.07	-63.64	0.00180	-113.14	-56.57	0.00155
-120.21	-49.50	0.00134	-127.28	-42.43	0.00115
-134.35	-35.36	0.00099	-141.42	-28.28	0.00085
-148.49	-21.21	0.00073	-155.56	-14.14	0.00064
-21.21	-162.63	0.00186	-28.28	-155.56	0.00208
-35.36	-148.49	0.00232	-42.43	-141.42	0.00260
-49.50	-134.35	0.00290	-56.57	-127.28	0.00323
-63.64	-120.21	0.00356	-70.71	-113.14	0.00388
-74.25	-109.60	0.00402	-77.78	-106.07	0.00413
-79.90	-103.94	0.00420	-81.32	-102.53	0.00425
-82.73	-101.12	0.00432	-84.15	-99.70	0.00440
-85.56	-98.29	0.00452	-98.29	-85.56	0.00204
-99.70	-84.15	0.00198	-101.12	-82.73	0.00193
-102.53	-81.32	0.00189	-103.94	-79.90	0.00186
-106.07	-77.78	0.00180	-109.60	-74.25	0.00169
-113.14	-70.71	0.00159	-120.21	-63.64	0.00138
-127.28	-56.57	0.00120	-134.35	-49.50	0.00104
-141.42	-42.43	0.00091	-148.49	-35.36	0.00079

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00069	-162.63	-21.21	0.00061
-28.28	-169.71	0.00158	-35.36	-162.63	0.00173
-42.43	-155.56	0.00189	-49.50	-148.49	0.00205
-56.57	-141.42	0.00221	-63.64	-134.35	0.00234
-70.71	-127.28	0.00243	-77.78	-120.21	0.00239
-81.32	-116.67	0.00231	-84.85	-113.14	0.00216
-86.97	-111.02	0.00203	-88.39	-109.60	0.00194
-89.80	-108.19	0.00183	-91.22	-106.77	0.00172
-92.63	-105.36	0.00160	-105.36	-92.63	0.00130
-106.77	-91.22	0.00132	-108.19	-89.80	0.00133
-109.60	-88.39	0.00134	-111.02	-86.97	0.00134
-113.14	-84.85	0.00134	-116.67	-81.32	0.00131
-120.21	-77.78	0.00126	-127.28	-70.71	0.00115
-134.35	-63.64	0.00102	-141.42	-56.57	0.00091
-148.49	-49.50	0.00081	-155.56	-42.43	0.00072
-162.63	-35.36	0.00064	-169.71	-28.28	0.00057

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

14:58:12

**MODELOPTs:

PAGE 58

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	0.00131	-42.43	-169.71	0.00140
-49.50	-162.63	0.00149	-56.57	-155.56	0.00156
-63.64	-148.49	0.00161	-70.71	-141.42	0.00163
-77.78	-134.35	0.00159	-84.85	-127.28	0.00147
-88.39	-123.74	0.00137	-91.92	-120.21	0.00125
-94.05	-118.09	0.00116	-95.46	-116.67	0.00111
-96.87	-115.26	0.00106	-98.29	-113.84	0.00101
-99.70	-112.43	0.00097	-112.43	-99.70	0.00094
-113.84	-98.29	0.00094	-115.26	-96.87	0.00095
-116.67	-95.46	0.00095	-118.09	-94.05	0.00095
-120.21	-91.92	0.00096	-123.74	-88.39	0.00096
-127.28	-84.85	0.00096	-134.35	-77.78	0.00091
-141.42	-70.71	0.00085	-148.49	-63.64	0.00077
-155.56	-56.57	0.00070	-162.63	-49.50	0.00064
-169.71	-42.43	0.00058	-176.78	-35.36	0.00052
-42.43	-183.85	0.00107	-49.50	-176.78	0.00111
-56.57	-169.71	0.00115	-63.64	-162.63	0.00118
-70.71	-155.56	0.00118	-77.78	-148.49	0.00116

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00110	-91.92	-134.35	0.00099
-95.46	-130.81	0.00092	-98.99	-127.28	0.00086
-101.12	-125.16	0.00083	-102.53	-123.74	0.00081
-103.94	-122.33	0.00079	-105.36	-120.92	0.00076
-106.77	-119.50	0.00075	-119.50	-106.77	0.00076
-120.92	-105.36	0.00077	-122.33	-103.94	0.00077
-123.74	-102.53	0.00076	-125.16	-101.12	0.00076
-127.28	-98.99	0.00075	-130.81	-95.46	0.00074
-134.35	-91.92	0.00073	-141.42	-84.85	0.00071
-148.49	-77.78	0.00068	-155.56	-70.71	0.00064
-162.63	-63.64	0.00060	-169.71	-56.57	0.00055
-176.78	-49.50	0.00051	-183.85	-42.43	0.00047
-49.50	-190.92	0.00087	-56.57	-183.85	0.00089
-63.64	-176.78	0.00090	-70.71	-169.71	0.00090
-77.78	-162.63	0.00089	-84.85	-155.56	0.00086
-91.92	-148.49	0.00080	-98.99	-141.42	0.00072
-102.53	-137.89	0.00069	-106.07	-134.35	0.00067
-108.19	-132.23	0.00065	-109.60	-130.81	0.00064
-111.02	-129.40	0.00062	-112.43	-127.99	0.00061
-113.84	-126.57	0.00060	-126.57	-113.84	0.00063
-127.99	-112.43	0.00063	-129.40	-111.02	0.00064
-130.81	-109.60	0.00064	-132.23	-108.19	0.00064

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

14:58:12

**MODELOPTs:

PAGE 59

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	0.00063	-137.89	-102.53	0.00061
-141.42	-98.99	0.00059	-148.49	-91.92	0.00057
-155.56	-84.85	0.00055	-162.63	-77.78	0.00052
-169.71	-70.71	0.00050	-176.78	-63.64	0.00047
-183.85	-56.57	0.00044	-190.92	-49.50	0.00041
-56.57	-197.99	0.00071	-63.64	-190.92	0.00071
-70.71	-183.85	0.00071	-77.78	-176.78	0.00071
-84.85	-169.71	0.00068	-91.92	-162.63	0.00065
-98.99	-155.56	0.00060	-106.07	-148.49	0.00057
-109.60	-144.96	0.00055	-113.14	-141.42	0.00054
-115.26	-139.30	0.00052	-116.67	-137.89	0.00052
-118.09	-136.47	0.00051	-119.50	-135.06	0.00050

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00049	-133.64	-120.92	0.00052
-135.06	-119.50	0.00053	-136.47	-118.09	0.00053
-137.89	-116.67	0.00053	-139.30	-115.26	0.00053
-141.42	-113.14	0.00053	-144.96	-109.60	0.00052
-148.49	-106.07	0.00051	-155.56	-98.99	0.00047
-162.63	-91.92	0.00045	-169.71	-84.85	0.00043
-176.78	-77.78	0.00041	-183.85	-70.71	0.00040
-190.92	-63.64	0.00038	-197.99	-56.57	0.00036
-63.64	-205.06	0.00058	-70.71	-197.99	0.00058
-77.78	-190.92	0.00057	-84.85	-183.85	0.00056
-91.92	-176.78	0.00053	-98.99	-169.71	0.00050
-106.07	-162.63	0.00048	-113.14	-155.56	0.00047
-116.67	-152.03	0.00046	-120.21	-148.49	0.00044
-122.33	-146.37	0.00043	-123.74	-144.96	0.00043
-125.16	-143.54	0.00042	-126.57	-142.13	0.00041
-127.99	-140.71	0.00041	-140.71	-127.99	0.00044
-142.13	-126.57	0.00044	-143.54	-125.16	0.00044
-144.96	-123.74	0.00045	-146.37	-122.33	0.00045
-148.49	-120.21	0.00045	-152.03	-116.67	0.00045
-155.56	-113.14	0.00044	-162.63	-106.07	0.00041
-169.71	-98.99	0.00038	-176.78	-91.92	0.00036
-183.85	-84.85	0.00035	-190.92	-77.78	0.00033
-197.99	-70.71	0.00032	-205.06	-63.64	0.00031
-70.71	-212.13	0.00048	-77.78	-205.06	0.00048
-84.85	-197.99	0.00046	-91.92	-190.92	0.00044
-98.99	-183.85	0.00042	-106.07	-176.78	0.00041
-113.14	-169.71	0.00040	-120.21	-162.63	0.00039
-123.74	-159.10	0.00038	-127.28	-155.56	0.00037

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

14:58:12
 **MODELOPTs:
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00036	-130.81	-152.03	0.00036
-132.23	-150.61	0.00035	-133.64	-149.20	0.00035
-135.06	-147.79	0.00035	-147.79	-135.06	0.00037
-149.20	-133.64	0.00037	-150.61	-132.23	0.00038
-152.03	-130.81	0.00038	-153.44	-129.40	0.00038
-155.56	-127.28	0.00038	-159.10	-123.74	0.00038

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00038	-169.71	-113.14	0.00036
-176.78	-106.07	0.00033	-183.85	-98.99	0.00031
-190.92	-91.92	0.00030	-197.99	-84.85	0.00029
-205.06	-77.78	0.00028	-212.13	-70.71	0.00027
-77.78	-219.20	0.00040	-84.85	-212.13	0.00039
-91.92	-205.06	0.00038	-98.99	-197.99	0.00036
-106.07	-190.92	0.00035	-113.14	-183.85	0.00034
-120.21	-176.78	0.00034	-127.28	-169.71	0.00033
-130.81	-166.17	0.00032	-134.35	-162.63	0.00031
-136.47	-160.51	0.00031	-137.89	-159.10	0.00030
-139.30	-157.68	0.00030	-140.71	-156.27	0.00030
-142.13	-154.86	0.00030	-154.86	-142.13	0.00032
-156.27	-140.71	0.00032	-157.68	-139.30	0.00032
-159.10	-137.89	0.00032	-160.51	-136.47	0.00033
-162.63	-134.35	0.00033	-166.17	-130.81	0.00033
-169.71	-127.28	0.00033	-176.78	-120.21	0.00032
-183.85	-113.14	0.00029	-190.92	-106.07	0.00027
-197.99	-98.99	0.00026	-205.06	-91.92	0.00025
-212.13	-84.85	0.00024	-219.20	-77.78	0.00023
-84.85	-226.27	0.00033	-91.92	-219.20	0.00032
-98.99	-212.13	0.00031	-106.07	-205.06	0.00030
-113.14	-197.99	0.00030	-120.21	-190.92	0.00030
-127.28	-183.85	0.00029	-134.35	-176.78	0.00028
-137.89	-173.24	0.00027	-141.42	-169.71	0.00027
-143.54	-167.58	0.00026	-144.96	-166.17	0.00026
-146.37	-164.76	0.00026	-147.79	-163.34	0.00026
-149.20	-161.93	0.00026	-161.93	-149.20	0.00028
-163.34	-147.79	0.00028	-164.76	-146.37	0.00028
-166.17	-144.96	0.00028	-167.58	-143.54	0.00028
-169.71	-141.42	0.00028	-173.24	-137.89	0.00029
-176.78	-134.35	0.00029	-183.85	-127.28	0.00028
-190.92	-120.21	0.00026	-197.99	-113.14	0.00025
-205.06	-106.07	0.00023	-212.13	-98.99	0.00022
-219.20	-91.92	0.00021	-226.27	-84.85	0.00020

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

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

14:58:12

**MODELOPTs:
 PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00019	-194.45	-159.10	0.00019	
-197.99	-155.56	0.00020	-205.06	-148.49	0.00020	
-212.13	-141.42	0.00019	-219.20	-134.35	0.00018	
-226.27	-127.28	0.00017	-233.35	-120.21	0.00016	
-240.42	-113.14	0.00015	-247.49	-106.07	0.00015	

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

14:58:12
 **MODELOPTs:
 PAGE 63

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00006	240.42	113.14	0.00006	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00003	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00003	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00007	233.35	106.07	0.00007	
226.27	113.14	0.00006	219.20	120.21	0.00005	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00003	

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

161.93	177.48	0.00003	160.51	178.90	0.00003
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00008	226.27	98.99	0.00007
219.20	106.07	0.00007	212.13	113.14	0.00006
205.06	120.21	0.00006	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

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

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

14:58:12

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00004
127.28	197.99	0.00004	120.21	205.06	0.00004
113.14	212.13	0.00003	106.07	219.20	0.00003
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00009	219.20	91.92	0.00008
212.13	98.99	0.00008	205.06	106.07	0.00007
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00005	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00004	166.17	144.96	0.00004
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00004

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

120.21	190.92	0.00004	113.14	197.99	0.00004
106.07	205.06	0.00004	99.00	212.13	0.00004
91.92	219.20	0.00003	84.85	226.27	0.00003
219.20	77.78	0.00010	212.13	84.85	0.00010
205.06	91.92	0.00009	197.99	98.99	0.00008
190.92	106.07	0.00007	183.85	113.14	0.00006
176.78	120.21	0.00006	169.71	127.28	0.00005
166.17	130.81	0.00005	162.63	134.35	0.00005
160.51	136.47	0.00005	159.10	137.89	0.00005
157.68	139.30	0.00005	156.27	140.71	0.00005
154.86	142.13	0.00005	142.13	154.86	0.00004
140.71	156.27	0.00004	139.30	157.68	0.00004
137.89	159.10	0.00004	136.47	160.51	0.00004
134.35	162.63	0.00004	130.81	166.17	0.00004
127.28	169.71	0.00004	120.21	176.78	0.00004
113.14	183.85	0.00004	106.07	190.92	0.00004
99.00	197.99	0.00004	91.92	205.06	0.00004
84.85	212.13	0.00004	77.78	219.20	0.00003
212.13	70.71	0.00012	205.06	77.78	0.00011
197.99	84.85	0.00010	190.92	91.92	0.00009
183.85	98.99	0.00008	176.78	106.07	0.00007
169.71	113.14	0.00007	162.63	120.21	0.00006
159.10	123.74	0.00006	155.56	127.28	0.00006

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

14:58:12
 **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	0.00005	152.03	130.81	0.00005
150.61	132.23	0.00005	149.20	133.64	0.00005
147.79	135.06	0.00005	135.06	147.79	0.00005
133.64	149.20	0.00005	132.23	150.61	0.00005
130.81	152.03	0.00005	129.40	153.44	0.00005
127.28	155.56	0.00005	123.74	159.10	0.00005
120.21	162.63	0.00005	113.14	169.71	0.00005
106.07	176.78	0.00005	98.99	183.85	0.00005
91.92	190.92	0.00004	84.85	197.99	0.00004
77.78	205.06	0.00004	70.71	212.13	0.00004
205.06	63.64	0.00014	197.99	70.71	0.00013

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00012	183.85	84.85	0.00011
176.78	91.92	0.00009	169.71	98.99	0.00008
162.63	106.07	0.00007	155.56	113.14	0.00007
152.03	116.67	0.00006	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00006
143.54	125.16	0.00006	142.13	126.57	0.00006
140.71	127.99	0.00006	127.99	140.71	0.00005
126.57	142.13	0.00005	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00005
98.99	169.71	0.00005	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00004
70.71	197.99	0.00004	63.64	205.06	0.00004
197.99	56.57	0.00016	190.92	63.64	0.00015
183.85	70.71	0.00014	176.78	77.78	0.00012
169.71	84.85	0.00011	162.63	91.92	0.00010
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00007	141.42	113.14	0.00007
139.30	115.26	0.00007	137.89	116.67	0.00007
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00006	115.26	139.30	0.00006
113.14	141.42	0.00006	109.60	144.96	0.00006
106.07	148.49	0.00006	98.99	155.56	0.00006
91.92	162.63	0.00006	84.85	169.71	0.00005
77.78	176.78	0.00005	70.71	183.85	0.00005
63.64	190.92	0.00004	56.57	197.99	0.00004

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

14:58:12
 **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	0.00018	183.85	56.57	0.00017
176.78	63.64	0.00016	169.71	70.71	0.00014
162.63	77.78	0.00013	155.56	84.85	0.00011
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00008	134.35	106.07	0.00008

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00008	130.81	109.60	0.00008
129.40	111.02	0.00008	127.99	112.43	0.00007
126.57	113.84	0.00007	113.84	126.57	0.00007
112.43	127.99	0.00007	111.02	129.40	0.00007
109.60	130.81	0.00007	108.19	132.23	0.00007
106.07	134.35	0.00007	102.53	137.89	0.00007
98.99	141.42	0.00007	91.92	148.49	0.00006
84.85	155.56	0.00006	77.78	162.63	0.00006
70.71	169.71	0.00005	63.64	176.78	0.00005
56.57	183.85	0.00005	49.50	190.92	0.00005
183.85	42.43	0.00022	176.78	49.50	0.00020
169.71	56.57	0.00019	162.63	63.64	0.00017
155.56	70.71	0.00015	148.49	77.78	0.00013
141.42	84.85	0.00012	134.35	91.92	0.00010
130.81	95.46	0.00010	127.28	98.99	0.00009
125.16	101.12	0.00009	123.74	102.53	0.00009
122.33	103.94	0.00009	120.92	105.36	0.00008
119.50	106.77	0.00008	106.77	119.50	0.00008
105.36	120.92	0.00008	103.94	122.33	0.00008
102.53	123.74	0.00008	101.12	125.16	0.00008
98.99	127.28	0.00007	95.46	130.81	0.00007
91.92	134.35	0.00007	84.85	141.42	0.00007
77.78	148.49	0.00007	70.71	155.56	0.00006
63.64	162.63	0.00006	56.57	169.71	0.00006
49.50	176.78	0.00005	42.43	183.85	0.00005
176.78	35.36	0.00026	169.71	42.43	0.00024
162.63	49.50	0.00023	155.56	56.57	0.00021
148.49	63.64	0.00018	141.42	70.71	0.00016
134.35	77.78	0.00014	127.28	84.85	0.00012
123.74	88.39	0.00011	120.21	91.92	0.00011
118.09	94.05	0.00010	116.67	95.46	0.00010
115.26	96.87	0.00010	113.84	98.29	0.00010
112.43	99.70	0.00010	99.70	112.43	0.00009
98.29	113.84	0.00009	96.87	115.26	0.00009
95.46	116.67	0.00009	94.05	118.09	0.00009

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

14:58:12
 **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 **

14NCRA_PL94-300_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	0.00009	88.39	123.74	0.00008
84.85	127.28	0.00008	77.78	134.35	0.00008
70.71	141.42	0.00008	63.64	148.49	0.00007
56.57	155.56	0.00007	49.50	162.63	0.00006
42.43	169.71	0.00006	35.36	176.78	0.00006
169.71	28.28	0.00032	162.63	35.36	0.00030
155.56	42.43	0.00027	148.49	49.50	0.00025
141.42	56.57	0.00023	134.35	63.64	0.00020
127.28	70.71	0.00017	120.21	77.78	0.00014
116.67	81.32	0.00013	113.14	84.85	0.00012
111.02	86.97	0.00012	109.60	88.39	0.00012
108.19	89.80	0.00011	106.77	91.22	0.00011
105.36	92.63	0.00011	92.63	105.36	0.00010
91.22	106.77	0.00010	89.80	108.19	0.00010
88.39	109.60	0.00010	86.97	111.02	0.00010
84.85	113.14	0.00010	81.32	116.67	0.00010
77.78	120.21	0.00010	70.71	127.28	0.00009
63.64	134.35	0.00008	56.57	141.42	0.00008
49.50	148.49	0.00007	42.43	155.56	0.00007
35.36	162.63	0.00007	28.28	169.71	0.00006
162.63	21.21	0.00038	155.56	28.28	0.00036
148.49	35.36	0.00034	141.42	42.43	0.00031
134.35	49.50	0.00028	127.28	56.57	0.00025
120.21	63.64	0.00021	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00015
103.94	79.90	0.00014	102.53	81.32	0.00014
101.12	82.73	0.00014	99.70	84.15	0.00013
98.29	85.56	0.00013	85.56	98.29	0.00012
84.15	99.70	0.00012	82.73	101.12	0.00011
81.32	102.53	0.00011	79.90	103.94	0.00011
77.78	106.07	0.00011	74.25	109.60	0.00011
70.71	113.14	0.00011	63.64	120.21	0.00010
56.57	127.28	0.00009	49.50	134.35	0.00009
42.43	141.42	0.00008	35.36	148.49	0.00008
28.28	155.56	0.00008	21.21	162.63	0.00007
155.56	14.14	0.00047	148.49	21.21	0.00045
141.42	28.28	0.00043	134.35	35.36	0.00039
127.28	42.43	0.00035	120.21	49.50	0.00031
113.14	56.57	0.00027	106.07	63.64	0.00022
102.53	67.18	0.00020	98.99	70.71	0.00018

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00017	95.46	74.25	0.00017
94.05	75.66	0.00016	92.63	77.07	0.00016
91.22	78.49	0.00015	78.49	91.22	0.00014
77.07	92.63	0.00014	75.66	94.05	0.00013
74.25	95.46	0.00013	72.83	96.87	0.00013
70.71	98.99	0.00013	67.18	102.53	0.00013
63.64	106.07	0.00013	56.57	113.14	0.00012
49.50	120.21	0.00011	42.43	127.28	0.00010
35.36	134.35	0.00009	28.28	141.42	0.00009
21.21	148.49	0.00009	14.14	155.56	0.00009
148.49	7.07	0.00058	141.42	14.14	0.00057
134.35	21.21	0.00054	127.28	28.28	0.00051
120.21	35.36	0.00046	113.14	42.43	0.00040
106.07	49.50	0.00035	98.99	56.57	0.00028
95.46	60.10	0.00025	91.92	63.64	0.00023
89.80	65.76	0.00021	88.39	67.18	0.00021
86.97	68.59	0.00020	85.56	70.00	0.00019
84.15	71.42	0.00019	71.42	84.15	0.00016
70.00	85.56	0.00016	68.59	86.97	0.00016
67.18	88.39	0.00016	65.76	89.80	0.00016
63.64	91.92	0.00016	60.10	95.46	0.00015
56.57	98.99	0.00015	49.50	106.07	0.00013
42.43	113.14	0.00012	35.36	120.21	0.00011
28.28	127.28	0.00011	21.21	134.35	0.00011
14.14	141.42	0.00010	7.07	148.49	0.00010
141.42	0.00	0.00072	134.35	7.07	0.00071
127.28	14.14	0.00069	120.21	21.21	0.00066
113.14	28.28	0.00061	106.07	35.36	0.00054
98.99	42.43	0.00046	91.92	49.50	0.00038
88.39	53.03	0.00034	84.85	56.57	0.00030
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00025	78.49	62.93	0.00024
77.07	64.35	0.00023	64.35	77.07	0.00020
62.93	78.49	0.00019	61.52	79.90	0.00019
60.10	81.32	0.00019	58.69	82.73	0.00019
56.57	84.85	0.00019	53.03	88.39	0.00018
49.50	91.92	0.00017	42.43	98.99	0.00015

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **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	0.00090	127.28	0.00	0.00091
120.21	7.07	0.00090	113.14	14.14	0.00087
106.07	21.21	0.00083	98.99	28.28	0.00075
91.92	35.36	0.00065	84.85	42.43	0.00053
81.32	45.96	0.00047	77.78	49.50	0.00040
75.66	51.62	0.00037	74.25	53.03	0.00035
72.83	54.45	0.00033	71.42	55.86	0.00031
70.00	57.28	0.00030	57.28	70.00	0.00024
55.86	71.42	0.00024	54.45	72.83	0.00024
53.03	74.25	0.00023	51.62	75.66	0.00023
49.50	77.78	0.00023	45.96	81.32	0.00021
42.43	84.85	0.00020	35.36	91.92	0.00018
28.28	98.99	0.00017	21.21	106.07	0.00017
14.14	113.14	0.00016	7.07	120.21	0.00016
0.00	127.28	0.00015	-7.07	134.35	0.00015
127.28	-14.14	0.00111	120.21	-7.07	0.00115
113.14	0.00	0.00117	106.07	7.07	0.00117
98.99	14.14	0.00114	91.92	21.21	0.00107
84.85	28.28	0.00095	77.78	35.36	0.00078
74.25	38.89	0.00069	70.71	42.43	0.00059
68.59	44.55	0.00053	67.18	45.96	0.00050
65.76	47.38	0.00046	64.35	48.79	0.00043
62.93	50.20	0.00041	50.20	62.93	0.00031
48.79	64.35	0.00030	47.38	65.76	0.00030
45.96	67.18	0.00029	44.55	68.59	0.00029
42.43	70.71	0.00028	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	0.00020	0.00	113.14	0.00020
-7.07	120.21	0.00019	-14.14	127.28	0.00018
120.21	-21.21	0.00136	113.14	-14.14	0.00144

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00151	98.99	0.00	0.00156
91.92	7.07	0.00158	84.85	14.14	0.00155
77.78	21.21	0.00145	70.71	28.28	0.00125
67.18	31.82	0.00110	63.64	35.36	0.00094
61.52	37.48	0.00084	60.10	38.89	0.00077
58.69	40.31	0.00071	57.28	41.72	0.00065
55.86	43.13	0.00059	43.13	55.86	0.00040
41.72	57.28	0.00039	40.31	58.69	0.00038
38.89	60.10	0.00037	37.48	61.52	0.00036

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

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

14:58:12

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00034	31.82	67.18	0.00033
28.28	70.71	0.00031	21.21	77.78	0.00030
14.14	84.85	0.00029	7.07	91.92	0.00028
0.00	98.99	0.00027	-7.07	106.07	0.00025
-14.14	113.14	0.00024	-21.21	120.21	0.00023
113.14	-28.28	0.00164	106.07	-21.21	0.00178
98.99	-14.14	0.00192	91.92	-7.07	0.00205
84.85	0.00	0.00217	77.78	7.07	0.00225
70.71	14.14	0.00225	63.64	21.21	0.00210
60.10	24.75	0.00194	56.57	28.28	0.00171
54.45	30.41	0.00153	53.03	31.82	0.00141
51.62	33.23	0.00127	50.20	34.65	0.00114
48.79	36.06	0.00101	36.06	48.79	0.00053
34.65	50.20	0.00051	33.23	51.62	0.00050
31.82	53.03	0.00048	30.41	54.45	0.00047
28.28	56.57	0.00046	24.75	60.10	0.00045
21.21	63.64	0.00044	14.14	70.71	0.00042
7.07	77.78	0.00040	0.00	84.85	0.00038
-7.07	91.92	0.00035	-14.14	98.99	0.00033
-21.21	106.07	0.00031	-28.28	113.14	0.00028
106.07	-35.36	0.00193	98.99	-28.28	0.00213
91.92	-21.21	0.00236	84.85	-14.14	0.00260
77.78	-7.07	0.00286	70.71	0.00	0.00313
63.64	7.07	0.00336	56.57	14.14	0.00349
53.03	17.68	0.00347	49.50	21.21	0.00335

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00320	45.96	24.75	0.00306
44.55	26.16	0.00287	43.13	27.58	0.00263
41.72	28.99	0.00234	28.99	41.72	0.00077
27.58	43.13	0.00076	26.16	44.55	0.00076
24.75	45.96	0.00076	23.33	47.38	0.00075
21.21	49.50	0.00074	17.68	53.03	0.00072
14.14	56.57	0.00069	7.07	63.64	0.00063
0.00	70.71	0.00057	-7.07	77.78	0.00052
-14.14	84.85	0.00047	-21.21	91.92	0.00042
-28.28	98.99	0.00038	-35.36	106.07	0.00035
98.99	-42.43	0.00220	91.92	-35.36	0.00247
84.85	-28.28	0.00278	77.78	-21.21	0.00314
70.71	-14.14	0.00355	63.64	-7.07	0.00401
56.57	0.00	0.00450	49.50	7.07	0.00499
45.96	10.61	0.00520	42.43	14.14	0.00534

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

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

14:58:12
 **MODELOPTs:
 PAGE 71
 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	0.00538	38.89	17.68	0.00538
37.48	19.09	0.00536	36.06	20.51	0.00536
34.65	21.92	0.00533	21.92	34.65	0.00153
20.51	36.06	0.00146	19.09	37.48	0.00139
17.68	38.89	0.00134	16.26	40.31	0.00130
14.14	42.43	0.00123	10.61	45.96	0.00114
7.07	49.50	0.00105	0.00	56.57	0.00090
-7.07	63.64	0.00077	-14.14	70.71	0.00067
-21.21	77.78	0.00059	-28.28	84.85	0.00052
-35.36	91.92	0.00046	-42.43	98.99	0.00041
91.92	-49.50	0.00242	84.85	-42.43	0.00275
77.78	-35.36	0.00313	70.71	-28.28	0.00358
63.64	-21.21	0.00410	56.57	-14.14	0.00469
49.50	-7.07	0.00532	42.43	0.00	0.00590
38.89	3.54	0.00613	35.36	7.07	0.00626
33.23	9.19	0.00626	31.82	10.61	0.00622
30.41	12.02	0.00614	28.99	13.44	0.00606
27.58	14.85	0.00595	14.85	27.58	0.00190
13.44	28.99	0.00184	12.02	30.41	0.00180

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00175	9.19	33.23	0.00171
7.07	35.36	0.00163	3.54	38.89	0.00150
0.00	42.43	0.00138	-7.07	49.50	0.00115
-14.14	56.57	0.00097	-21.21	63.64	0.00083
-28.28	70.71	0.00071	-35.36	77.78	0.00061
-42.43	84.85	0.00054	-49.50	91.92	0.00047
84.85	-56.57	0.00258	77.78	-49.50	0.00294
70.71	-42.43	0.00337	63.64	-35.36	0.00387
56.57	-28.28	0.00445	49.50	-21.21	0.00509
42.43	-14.14	0.00576	35.36	-7.07	0.00635
31.82	-3.54	0.00654	28.28	0.00	0.00662
26.16	2.12	0.00658	24.75	3.54	0.00651
23.33	4.95	0.00641	21.92	6.36	0.00628
20.51	7.78	0.00616	7.78	20.51	0.00208
6.36	21.92	0.00202	4.95	23.33	0.00198
3.54	24.75	0.00194	2.12	26.16	0.00190
0.00	28.28	0.00184	-3.54	31.82	0.00173
-7.07	35.36	0.00161	-14.14	42.43	0.00137
-21.21	49.50	0.00115	-28.28	56.57	0.00097
-35.36	63.64	0.00082	-42.43	70.71	0.00070
-49.50	77.78	0.00061	-56.57	84.85	0.00053

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

14:58:12
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00265	70.71	-56.57	0.00304
63.64	-49.50	0.00348	56.57	-42.43	0.00401
49.50	-35.36	0.00461	42.43	-28.28	0.00528
35.36	-21.21	0.00597	28.28	-14.14	0.00655
24.75	-10.61	0.00672	21.21	-7.07	0.00676
19.09	-4.95	0.00671	17.68	-3.54	0.00664
16.26	-2.12	0.00654	14.85	-0.71	0.00641
13.44	0.71	0.00628	0.71	13.44	0.00221
-0.71	14.85	0.00215	-2.12	16.26	0.00210
-3.54	17.68	0.00206	-4.95	19.09	0.00202
-7.07	21.21	0.00196	-10.61	24.75	0.00186
-14.14	28.28	0.00175	-21.21	35.36	0.00151
-28.28	42.43	0.00129	-35.36	49.50	0.00109

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00092	-49.50	63.64	0.00078
-56.57	70.71	0.00067	-63.64	77.78	0.00058
70.71	-70.71	0.00264	63.64	-63.64	0.00302
56.57	-56.57	0.00347	49.50	-49.50	0.00400
42.43	-42.43	0.00461	35.36	-35.36	0.00529
28.28	-28.28	0.00599	21.21	-21.21	0.00656
17.68	-17.68	0.00674	14.14	-14.14	0.00680
12.02	-12.02	0.00675	10.61	-10.61	0.00669
9.19	-9.19	0.00659	7.78	-7.78	0.00646
6.36	-6.36	0.00633	-6.36	6.36	0.00229
-7.78	7.78	0.00223	-9.19	9.19	0.00218
-10.61	10.61	0.00214	-12.02	12.02	0.00210
-14.14	14.14	0.00204	-17.68	17.68	0.00193
-21.21	21.21	0.00183	-28.28	28.28	0.00160
-35.36	35.36	0.00137	-42.43	42.43	0.00117
-49.50	49.50	0.00099	-56.57	56.57	0.00084
-63.64	63.64	0.00072	-70.71	70.71	0.00062
63.64	-77.78	0.00254	56.57	-70.71	0.00290
49.50	-63.64	0.00333	42.43	-56.57	0.00385
35.36	-49.50	0.00445	28.28	-42.43	0.00512
21.21	-35.36	0.00581	14.14	-28.28	0.00642
10.61	-24.75	0.00663	7.07	-21.21	0.00672
4.95	-19.09	0.00670	3.54	-17.68	0.00664
2.12	-16.26	0.00655	0.71	-14.85	0.00644
-0.71	-13.44	0.00630	-13.44	-0.71	0.00232
-14.85	0.71	0.00226	-16.26	2.12	0.00222
-17.68	3.54	0.00218	-19.09	4.95	0.00214

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

14:58:12
 **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	0.00208	-24.75	10.61	0.00198
-28.28	14.14	0.00187	-35.36	21.21	0.00164
-42.43	28.28	0.00141	-49.50	35.36	0.00121
-56.57	42.43	0.00103	-63.64	49.50	0.00088
-70.71	56.57	0.00075	-77.78	63.64	0.00065
56.57	-84.85	0.00237	49.50	-77.78	0.00270
42.43	-70.71	0.00309	35.36	-63.64	0.00356

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00411	21.21	-49.50	0.00473
14.14	-42.43	0.00539	7.07	-35.36	0.00603
3.54	-31.82	0.00629	0.00	-28.28	0.00644
-2.12	-26.16	0.00646	-3.54	-24.75	0.00644
-4.95	-23.33	0.00638	-6.36	-21.92	0.00629
-7.78	-20.51	0.00618	-20.51	-7.78	0.00231
-21.92	-6.36	0.00225	-23.33	-4.95	0.00221
-24.75	-3.54	0.00218	-26.16	-2.12	0.00215
-28.28	0.00	0.00209	-31.82	3.54	0.00198
-35.36	7.07	0.00187	-42.43	14.14	0.00163
-49.50	21.21	0.00141	-56.57	28.28	0.00120
-63.64	35.36	0.00103	-70.71	42.43	0.00088
-77.78	49.50	0.00076	-84.85	56.57	0.00065
49.50	-91.92	0.00213	42.43	-84.85	0.00241
35.36	-77.78	0.00274	28.28	-70.71	0.00313
21.21	-63.64	0.00358	14.14	-56.57	0.00408
7.07	-49.50	0.00465	0.00	-42.43	0.00524
-3.54	-38.89	0.00551	-7.07	-35.36	0.00573
-9.19	-33.23	0.00582	-10.61	-31.82	0.00586
-12.02	-30.41	0.00587	-13.44	-28.99	0.00585
-14.85	-27.58	0.00582	-27.58	-14.85	0.00224
-28.99	-13.44	0.00219	-30.41	-12.02	0.00215
-31.82	-10.61	0.00212	-33.23	-9.19	0.00209
-35.36	-7.07	0.00203	-38.89	-3.54	0.00192
-42.43	0.00	0.00180	-49.50	7.07	0.00155
-56.57	14.14	0.00134	-63.64	21.21	0.00115
-70.71	28.28	0.00099	-77.78	35.36	0.00085
-84.85	42.43	0.00073	-91.92	49.50	0.00064
42.43	-98.99	0.00186	35.36	-91.92	0.00208
28.28	-84.85	0.00232	21.21	-77.78	0.00260
14.14	-70.71	0.00290	7.07	-63.64	0.00323
0.00	-56.57	0.00356	-7.07	-49.50	0.00388
-10.61	-45.96	0.00402	-14.14	-42.43	0.00413

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

14:58:12
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00420	-17.68	-38.89	0.00425

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00432	-20.51	-36.06	0.00440
-21.92	-34.65	0.00452	-34.65	-21.92	0.00204
-36.06	-20.51	0.00198	-37.48	-19.09	0.00193
-38.89	-17.68	0.00189	-40.31	-16.26	0.00186
-42.43	-14.14	0.00180	-45.96	-10.61	0.00169
-49.50	-7.07	0.00159	-56.57	0.00	0.00138
-63.64	7.07	0.00120	-70.71	14.14	0.00104
-77.78	21.21	0.00091	-84.85	28.28	0.00079
-91.92	35.36	0.00069	-98.99	42.43	0.00061
35.36	-106.07	0.00158	28.28	-98.99	0.00173
21.21	-91.92	0.00189	14.14	-84.85	0.00205
7.07	-77.78	0.00221	0.00	-70.71	0.00234
-7.07	-63.64	0.00243	-14.14	-56.57	0.00239
-17.68	-53.03	0.00231	-21.21	-49.50	0.00216
-23.33	-47.38	0.00203	-24.75	-45.96	0.00194
-26.16	-44.55	0.00183	-27.58	-43.13	0.00172
-28.99	-41.72	0.00160	-41.72	-28.99	0.00130
-43.13	-27.58	0.00132	-44.55	-26.16	0.00133
-45.96	-24.75	0.00134	-47.38	-23.33	0.00134
-49.50	-21.21	0.00134	-53.03	-17.68	0.00131
-56.57	-14.14	0.00126	-63.64	-7.07	0.00115
-70.71	0.00	0.00102	-77.78	7.07	0.00091
-84.85	14.14	0.00081	-91.92	21.21	0.00072
-98.99	28.28	0.00064	-106.07	35.36	0.00057
28.28	-113.14	0.00131	21.21	-106.07	0.00140
14.14	-98.99	0.00149	7.07	-91.92	0.00156
0.00	-84.85	0.00161	-7.07	-77.78	0.00163
-14.14	-70.71	0.00159	-21.21	-63.64	0.00147
-24.75	-60.10	0.00137	-28.28	-56.57	0.00125
-30.41	-54.45	0.00116	-31.82	-53.03	0.00111
-33.23	-51.62	0.00106	-34.65	-50.20	0.00101
-36.06	-48.79	0.00097	-48.79	-36.06	0.00094
-50.20	-34.65	0.00094	-51.62	-33.23	0.00095
-53.03	-31.82	0.00095	-54.45	-30.41	0.00095
-56.57	-28.28	0.00096	-60.10	-24.75	0.00096
-63.64	-21.21	0.00096	-70.71	-14.14	0.00091
-77.78	-7.07	0.00085	-84.85	0.00	0.00077
-91.92	7.07	0.00070	-98.99	14.14	0.00064
-106.07	21.21	0.00058	-113.14	28.28	0.00052

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

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

14:58:12
 **MODELOPTs:
 PAGE 75

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	0.00107	14.14	-113.14	0.00111
7.07	-106.07	0.00115	0.00	-98.99	0.00118
-7.07	-91.92	0.00118	-14.14	-84.85	0.00116
-21.21	-77.78	0.00110	-28.28	-70.71	0.00099
-31.82	-67.18	0.00092	-35.36	-63.64	0.00086
-37.48	-61.52	0.00083	-38.89	-60.10	0.00081
-40.31	-58.69	0.00078	-41.72	-57.28	0.00076
-43.13	-55.86	0.00075	-55.86	-43.13	0.00076
-57.28	-41.72	0.00077	-58.69	-40.31	0.00077
-60.10	-38.89	0.00076	-61.52	-37.48	0.00076
-63.64	-35.36	0.00075	-67.18	-31.82	0.00074
-70.71	-28.28	0.00073	-77.78	-21.21	0.00071
-84.85	-14.14	0.00068	-91.92	-7.07	0.00064
-98.99	0.00	0.00060	-106.07	7.07	0.00055
-113.14	14.14	0.00051	-120.21	21.21	0.00047
14.14	-127.28	0.00087	7.07	-120.21	0.00089
0.00	-113.14	0.00090	-7.07	-106.07	0.00090
-14.14	-98.99	0.00089	-21.21	-91.92	0.00086
-28.28	-84.85	0.00080	-35.36	-77.78	0.00072
-38.89	-74.25	0.00069	-42.43	-70.71	0.00067
-44.55	-68.59	0.00065	-45.96	-67.18	0.00064
-47.38	-65.76	0.00062	-48.79	-64.35	0.00061
-50.20	-62.93	0.00060	-62.93	-50.20	0.00063
-64.35	-48.79	0.00063	-65.76	-47.38	0.00064
-67.18	-45.96	0.00064	-68.59	-44.55	0.00064
-70.71	-42.43	0.00063	-74.25	-38.89	0.00061
-77.78	-35.36	0.00059	-84.85	-28.28	0.00057
-91.92	-21.21	0.00055	-98.99	-14.14	0.00052
-106.07	-7.07	0.00050	-113.14	0.00	0.00047
-120.21	7.07	0.00044	-127.28	14.14	0.00041
7.07	-134.35	0.00071	0.00	-127.28	0.00071
-7.07	-120.21	0.00071	-14.14	-113.14	0.00071
-21.21	-106.07	0.00068	-28.28	-98.99	0.00065
-35.36	-91.92	0.00060	-42.43	-84.85	0.00057
-45.96	-81.32	0.00055	-49.50	-77.78	0.00054
-51.62	-75.66	0.00052	-53.03	-74.25	0.00052
-54.45	-72.83	0.00051	-55.86	-71.42	0.00050
-57.28	-70.00	0.00049	-70.00	-57.28	0.00052
-71.42	-55.86	0.00053	-72.83	-54.45	0.00053

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-74.25 -53.03 0.00053 -75.66 -51.62 0.00053

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

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

14:58:12

**MODELOPTs: PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00053	-81.32	-45.96	0.00052
-84.85	-42.43	0.00051	-91.92	-35.36	0.00047
-98.99	-28.28	0.00045	-106.07	-21.21	0.00043
-113.14	-14.14	0.00041	-120.21	-7.07	0.00040
-127.28	0.00	0.00038	-134.35	7.07	0.00036
0.00	-141.42	0.00058	-7.07	-134.35	0.00058
-14.14	-127.28	0.00057	-21.21	-120.21	0.00056
-28.28	-113.14	0.00053	-35.36	-106.07	0.00050
-42.43	-98.99	0.00048	-49.50	-91.92	0.00047
-53.03	-88.39	0.00046	-56.57	-84.85	0.00044
-58.69	-82.73	0.00043	-60.10	-81.32	0.00043
-61.52	-79.90	0.00042	-62.93	-78.49	0.00041
-64.35	-77.07	0.00041	-77.07	-64.35	0.00044
-78.49	-62.93	0.00044	-79.90	-61.52	0.00044
-81.32	-60.10	0.00045	-82.73	-58.69	0.00045
-84.85	-56.57	0.00045	-88.39	-53.03	0.00045
-91.92	-49.50	0.00044	-98.99	-42.43	0.00041
-106.07	-35.36	0.00038	-113.14	-28.28	0.00036
-120.21	-21.21	0.00035	-127.28	-14.14	0.00033
-134.35	-7.07	0.00032	-141.42	0.00	0.00031
-7.07	-148.49	0.00048	-14.14	-141.42	0.00048
-21.21	-134.35	0.00046	-28.28	-127.28	0.00044
-35.36	-120.21	0.00042	-42.43	-113.14	0.00041
-49.50	-106.07	0.00040	-56.57	-98.99	0.00039
-60.10	-95.46	0.00038	-63.64	-91.92	0.00037
-65.76	-89.80	0.00036	-67.18	-88.39	0.00036
-68.59	-86.97	0.00035	-70.00	-85.56	0.00035
-71.42	-84.15	0.00035	-84.15	-71.42	0.00037
-85.56	-70.00	0.00037	-86.97	-68.59	0.00038
-88.39	-67.18	0.00038	-89.80	-65.76	0.00038
-91.92	-63.64	0.00038	-95.46	-60.10	0.00038
-98.99	-56.57	0.00038	-106.07	-49.50	0.00036
-113.14	-42.43	0.00033	-120.21	-35.36	0.00031

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00030	-134.35	-21.21	0.00029
-141.42	-14.14	0.00028	-148.49	-7.07	0.00027
-14.14	-155.56	0.00040	-21.21	-148.49	0.00039
-28.28	-141.42	0.00038	-35.36	-134.35	0.00036
-42.43	-127.28	0.00035	-49.50	-120.21	0.00034
-56.57	-113.14	0.00034	-63.64	-106.07	0.00033
-67.18	-102.53	0.00032	-70.71	-98.99	0.00031

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

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

14:58:12

**MODELOPTs:
PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00031	-74.25	-95.46	0.00030
-75.66	-94.05	0.00030	-77.07	-92.63	0.00030
-78.49	-91.22	0.00030	-91.22	-78.49	0.00032
-92.63	-77.07	0.00032	-94.05	-75.66	0.00032
-95.46	-74.25	0.00032	-96.87	-72.83	0.00033
-98.99	-70.71	0.00033	-102.53	-67.18	0.00033
-106.07	-63.64	0.00033	-113.14	-56.57	0.00032
-120.21	-49.50	0.00029	-127.28	-42.43	0.00027
-134.35	-35.36	0.00026	-141.42	-28.28	0.00025
-148.49	-21.21	0.00024	-155.56	-14.14	0.00023
-21.21	-162.63	0.00033	-28.28	-155.56	0.00032
-35.36	-148.49	0.00031	-42.43	-141.42	0.00030
-49.50	-134.35	0.00030	-56.57	-127.28	0.00030
-63.64	-120.21	0.00029	-70.71	-113.14	0.00028
-74.25	-109.60	0.00027	-77.78	-106.07	0.00027
-79.90	-103.94	0.00026	-81.32	-102.53	0.00026
-82.73	-101.12	0.00026	-84.15	-99.70	0.00026
-85.56	-98.29	0.00026	-98.29	-85.56	0.00028
-99.70	-84.15	0.00028	-101.12	-82.73	0.00028
-102.53	-81.32	0.00028	-103.94	-79.90	0.00028
-106.07	-77.78	0.00028	-109.60	-74.25	0.00029
-113.14	-70.71	0.00029	-120.21	-63.64	0.00028
-127.28	-56.57	0.00026	-134.35	-49.50	0.00025
-141.42	-42.43	0.00023	-148.49	-35.36	0.00022
-155.56	-28.28	0.00021	-162.63	-21.21	0.00020
-28.28	-169.71	0.00028	-35.36	-162.63	0.00027
-42.43	-155.56	0.00026	-49.50	-148.49	0.00026

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-141.42	0.00026	-63.64	-134.35	0.00026
-70.71	-127.28	0.00025	-77.78	-120.21	0.00024
-81.32	-116.67	0.00024	-84.85	-113.14	0.00023
-86.97	-111.02	0.00023	-88.39	-109.60	0.00023
-89.80	-108.19	0.00023	-91.22	-106.77	0.00023
-92.63	-105.36	0.00023	-105.36	-92.63	0.00024
-106.77	-91.22	0.00024	-108.19	-89.80	0.00024
-109.60	-88.39	0.00025	-111.02	-86.97	0.00025
-113.14	-84.85	0.00025	-116.67	-81.32	0.00025
-120.21	-77.78	0.00025	-127.28	-70.71	0.00025
-134.35	-63.64	0.00024	-141.42	-56.57	0.00022
-148.49	-49.50	0.00021	-155.56	-42.43	0.00020
-162.63	-35.36	0.00019	-169.71	-28.28	0.00018

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

14:58:12
 **MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00024	-42.43	-169.71	0.00023
-49.50	-162.63	0.00023	-56.57	-155.56	0.00023
-63.64	-148.49	0.00023	-70.71	-141.42	0.00023
-77.78	-134.35	0.00022	-84.85	-127.28	0.00021
-88.39	-123.74	0.00021	-91.92	-120.21	0.00020
-94.05	-118.09	0.00020	-95.46	-116.67	0.00020
-96.87	-115.26	0.00020	-98.29	-113.84	0.00020
-99.70	-112.43	0.00020	-112.43	-99.70	0.00021
-113.84	-98.29	0.00021	-115.26	-96.87	0.00021
-116.67	-95.46	0.00022	-118.09	-94.05	0.00022
-120.21	-91.92	0.00022	-123.74	-88.39	0.00022
-127.28	-84.85	0.00022	-134.35	-77.78	0.00022
-141.42	-70.71	0.00021	-148.49	-63.64	0.00020
-155.56	-56.57	0.00019	-162.63	-49.50	0.00018
-169.71	-42.43	0.00017	-176.78	-35.36	0.00016
-42.43	-183.85	0.00021	-49.50	-176.78	0.00020
-56.57	-169.71	0.00020	-63.64	-162.63	0.00020
-70.71	-155.56	0.00020	-77.78	-148.49	0.00020
-84.85	-141.42	0.00019	-91.92	-134.35	0.00019
-95.46	-130.81	0.00018	-98.99	-127.28	0.00018
-101.12	-125.16	0.00018	-102.53	-123.74	0.00018

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-103.94	-122.33	0.00018	-105.36	-120.92	0.00018
-106.77	-119.50	0.00018	-119.50	-106.77	0.00019
-120.92	-105.36	0.00019	-122.33	-103.94	0.00019
-123.74	-102.53	0.00019	-125.16	-101.12	0.00019
-127.28	-98.99	0.00019	-130.81	-95.46	0.00019
-134.35	-91.92	0.00020	-141.42	-84.85	0.00020
-148.49	-77.78	0.00019	-155.56	-70.71	0.00018
-162.63	-63.64	0.00017	-169.71	-56.57	0.00016
-176.78	-49.50	0.00015	-183.85	-42.43	0.00015
-49.50	-190.92	0.00018	-56.57	-183.85	0.00018
-63.64	-176.78	0.00018	-70.71	-169.71	0.00018
-77.78	-162.63	0.00018	-84.85	-155.56	0.00018
-91.92	-148.49	0.00017	-98.99	-141.42	0.00017
-102.53	-137.89	0.00016	-106.07	-134.35	0.00016
-108.19	-132.23	0.00016	-109.60	-130.81	0.00016
-111.02	-129.40	0.00016	-112.43	-127.99	0.00016
-113.84	-126.57	0.00016	-126.57	-113.84	0.00017
-127.99	-112.43	0.00017	-129.40	-111.02	0.00017
-130.81	-109.60	0.00017	-132.23	-108.19	0.00017

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

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

14:58:12
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00016	-144.96	-109.60	0.00016
-148.49	-106.07	0.00016	-155.56	-98.99	0.00016
-162.63	-91.92	0.00016	-169.71	-84.85	0.00015
-176.78	-77.78	0.00015	-183.85	-70.71	0.00014
-190.92	-63.64	0.00013	-197.99	-56.57	0.00012
-63.64	-205.06	0.00015	-70.71	-197.99	0.00015
-77.78	-190.92	0.00015	-84.85	-183.85	0.00015
-91.92	-176.78	0.00014	-98.99	-169.71	0.00014
-106.07	-162.63	0.00014	-113.14	-155.56	0.00013
-116.67	-152.03	0.00013	-120.21	-148.49	0.00013
-122.33	-146.37	0.00013	-123.74	-144.96	0.00013
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00013	-140.71	-127.99	0.00014
-142.13	-126.57	0.00014	-143.54	-125.16	0.00014
-144.96	-123.74	0.00014	-146.37	-122.33	0.00014
-148.49	-120.21	0.00014	-152.03	-116.67	0.00014
-155.56	-113.14	0.00014	-162.63	-106.07	0.00014
-169.71	-98.99	0.00014	-176.78	-91.92	0.00014
-183.85	-84.85	0.00014	-190.92	-77.78	0.00013
-197.99	-70.71	0.00012	-205.06	-63.64	0.00012
-70.71	-212.13	0.00013	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00013
-98.99	-183.85	0.00013	-106.07	-176.78	0.00013
-113.14	-169.71	0.00012	-120.21	-162.63	0.00012
-123.74	-159.10	0.00012	-127.28	-155.56	0.00012

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

14:58:12
 **MODELOPTs:
 PAGE 80

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	0.00012	-130.81	-152.03	0.00012
-132.23	-150.61	0.00012	-133.64	-149.20	0.00012
-135.06	-147.79	0.00012	-147.79	-135.06	0.00012
-149.20	-133.64	0.00012	-150.61	-132.23	0.00013
-152.03	-130.81	0.00013	-153.44	-129.40	0.00013
-155.56	-127.28	0.00013	-159.10	-123.74	0.00013
-162.63	-120.21	0.00013	-169.71	-113.14	0.00013
-176.78	-106.07	0.00013	-183.85	-98.99	0.00013
-190.92	-91.92	0.00013	-197.99	-84.85	0.00012

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00010
-120.21	-205.06	0.00010	-127.28	-197.99	0.00010

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_PL94-300_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	0.00008	-194.45	-159.10	0.00008
-197.99	-155.56	0.00008	-205.06	-148.49	0.00009
-212.13	-141.42	0.00009	-219.20	-134.35	0.00009
-226.27	-127.28	0.00009	-233.35	-120.21	0.00009
-240.42	-113.14	0.00008	-247.49	-106.07	0.00008

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

14:58:12
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00022	240.42	113.14	0.00020
233.35	120.21	0.00019	226.27	127.28	0.00017
219.20	134.35	0.00015	212.13	141.42	0.00013
205.06	148.49	0.00012	197.99	155.56	0.00010
194.45	159.10	0.00010	190.92	162.63	0.00009
188.80	164.76	0.00009	187.38	166.17	0.00009
185.97	167.58	0.00009	184.55	169.00	0.00008
183.14	170.41	0.00008	170.41	183.14	0.00008
169.00	184.55	0.00008	167.58	185.97	0.00008
166.17	187.38	0.00008	164.76	188.80	0.00008
162.63	190.92	0.00007	159.10	194.45	0.00007
155.56	197.99	0.00007	148.49	205.06	0.00007
141.42	212.13	0.00007	134.35	219.20	0.00006
127.28	226.27	0.00006	120.21	233.35	0.00006
113.14	240.42	0.00005	106.07	247.49	0.00005
240.42	98.99	0.00026	233.35	106.07	0.00024
226.27	113.14	0.00023	219.20	120.21	0.00021
212.13	127.28	0.00018	205.06	134.35	0.00016
197.99	141.42	0.00014	190.92	148.49	0.00012
187.38	152.03	0.00011	183.85	155.56	0.00011
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00010
176.07	163.34	0.00010	163.34	176.07	0.00009
161.93	177.48	0.00009	160.51	178.90	0.00009
159.10	180.31	0.00009	157.68	181.73	0.00009
155.56	183.85	0.00009	152.03	187.38	0.00008

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00008	141.42	197.99	0.00008
134.35	205.06	0.00008	127.28	212.13	0.00007
120.21	219.20	0.00007	113.14	226.27	0.00006
106.07	233.35	0.00006	98.99	240.42	0.00006
233.35	91.92	0.00032	226.27	98.99	0.00030
219.20	106.07	0.00027	212.13	113.14	0.00025
205.06	120.21	0.00023	197.99	127.28	0.00020
190.92	134.35	0.00017	183.85	141.42	0.00014
180.31	144.96	0.00013	176.78	148.49	0.00012
174.66	150.61	0.00012	173.24	152.03	0.00012
171.83	153.44	0.00011	170.41	154.86	0.00011
169.00	156.27	0.00011	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 ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

14:58:12
 **MODELOPTs:
 PAGE 84
 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	0.00010	144.96	180.31	0.00010
141.42	183.85	0.00010	134.35	190.92	0.00009
127.28	197.99	0.00008	120.21	205.06	0.00008
113.14	212.13	0.00007	106.07	219.20	0.00007
99.00	226.27	0.00007	91.92	233.35	0.00006
226.27	84.85	0.00038	219.20	91.92	0.00036
212.13	98.99	0.00034	205.06	106.07	0.00031
197.99	113.14	0.00028	190.92	120.21	0.00025
183.85	127.28	0.00021	176.78	134.35	0.00017
173.24	137.89	0.00016	169.71	141.42	0.00015
167.58	143.54	0.00014	166.17	144.96	0.00014
164.76	146.37	0.00014	163.34	147.79	0.00013
161.93	149.20	0.00013	149.20	161.93	0.00012
147.79	163.34	0.00012	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	0.00010
120.21	190.92	0.00009	113.14	197.99	0.00009
106.07	205.06	0.00008	99.00	212.13	0.00008
91.92	219.20	0.00008	84.85	226.27	0.00007

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00047	212.13	84.85	0.00045
205.06	91.92	0.00043	197.99	98.99	0.00039
190.92	106.07	0.00035	183.85	113.14	0.00031
176.78	120.21	0.00027	169.71	127.28	0.00022
166.17	130.81	0.00020	162.63	134.35	0.00018
160.51	136.47	0.00017	159.10	137.89	0.00017
157.68	139.30	0.00016	156.27	140.71	0.00016
154.86	142.13	0.00015	142.13	154.86	0.00014
140.71	156.27	0.00014	139.30	157.68	0.00013
137.89	159.10	0.00013	136.47	160.51	0.00013
134.35	162.63	0.00013	130.81	166.17	0.00013
127.28	169.71	0.00013	120.21	176.78	0.00012
113.14	183.85	0.00011	106.07	190.92	0.00010
99.00	197.99	0.00009	91.92	205.06	0.00009
84.85	212.13	0.00009	77.78	219.20	0.00009
212.13	70.71	0.00058	205.06	77.78	0.00057
197.99	84.85	0.00054	190.92	91.92	0.00051
183.85	98.99	0.00046	176.78	106.07	0.00040
169.71	113.14	0.00035	162.63	120.21	0.00028
159.10	123.74	0.00025	155.56	127.28	0.00023

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

14:58:12
 **MODELOPTS:
 PAGE 85
 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	0.00021	152.03	130.81	0.00021
150.61	132.23	0.00020	149.20	133.64	0.00019
147.79	135.06	0.00019	135.06	147.79	0.00016
133.64	149.20	0.00016	132.23	150.61	0.00016
130.81	152.03	0.00016	129.40	153.44	0.00016
127.28	155.56	0.00016	123.74	159.10	0.00015
120.21	162.63	0.00015	113.14	169.71	0.00013
106.07	176.78	0.00012	98.99	183.85	0.00011
91.92	190.92	0.00011	84.85	197.99	0.00011
77.78	205.06	0.00010	70.71	212.13	0.00010
205.06	63.64	0.00072	197.99	70.71	0.00071
190.92	77.78	0.00069	183.85	84.85	0.00066
176.78	91.92	0.00061	169.71	98.99	0.00054
162.63	106.07	0.00046	155.56	113.14	0.00038

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00034	148.49	120.21	0.00030
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00025	142.13	126.57	0.00024
140.71	127.99	0.00023	127.99	140.71	0.00020
126.57	142.13	0.00019	125.16	143.54	0.00019
123.74	144.96	0.00019	122.33	146.37	0.00019
120.21	148.49	0.00019	116.67	152.03	0.00018
113.14	155.56	0.00017	106.07	162.63	0.00015
98.99	169.71	0.00014	91.92	176.78	0.00014
84.85	183.85	0.00013	77.78	190.92	0.00013
70.71	197.99	0.00012	63.64	205.06	0.00012
197.99	56.57	0.00090	190.92	63.64	0.00091
183.85	70.71	0.00090	176.78	77.78	0.00087
169.71	84.85	0.00083	162.63	91.92	0.00075
155.56	98.99	0.00065	148.49	106.07	0.00053
144.96	109.60	0.00047	141.42	113.14	0.00040
139.30	115.26	0.00037	137.89	116.67	0.00035
136.47	118.09	0.00033	135.06	119.50	0.00031
133.64	120.92	0.00030	120.92	133.64	0.00024
119.50	135.06	0.00024	118.09	136.47	0.00024
116.67	137.89	0.00023	115.26	139.30	0.00023
113.14	141.42	0.00023	109.60	144.96	0.00021
106.07	148.49	0.00020	98.99	155.56	0.00018
91.92	162.63	0.00017	84.85	169.71	0.00017
77.78	176.78	0.00016	70.71	183.85	0.00016
63.64	190.92	0.00015	56.57	197.99	0.00015

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

14:58:12
 **MODELOPTS:
 PAGE 86

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	0.00111	183.85	56.57	0.00115
176.78	63.64	0.00117	169.71	70.71	0.00117
162.63	77.78	0.00114	155.56	84.85	0.00107
148.49	91.92	0.00095	141.42	98.99	0.00078
137.89	102.53	0.00069	134.35	106.07	0.00059
132.23	108.19	0.00053	130.81	109.60	0.00050
129.40	111.02	0.00046	127.99	112.43	0.00043
126.57	113.84	0.00041	113.84	126.57	0.00031

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00030	111.02	129.40	0.00030
109.60	130.81	0.00029	108.19	132.23	0.00029
106.07	134.35	0.00028	102.53	137.89	0.00026
98.99	141.42	0.00025	91.92	148.49	0.00023
84.85	155.56	0.00022	77.78	162.63	0.00021
70.71	169.71	0.00020	63.64	176.78	0.00020
56.57	183.85	0.00019	49.50	190.92	0.00018
183.85	42.43	0.00136	176.78	49.50	0.00144
169.71	56.57	0.00151	162.63	63.64	0.00156
155.56	70.71	0.00158	148.49	77.78	0.00155
141.42	84.85	0.00145	134.35	91.92	0.00125
130.81	95.46	0.00111	127.28	98.99	0.00094
125.16	101.12	0.00084	123.74	102.53	0.00077
122.33	103.94	0.00071	120.92	105.36	0.00065
119.50	106.77	0.00059	106.77	119.50	0.00040
105.36	120.92	0.00039	103.94	122.33	0.00038
102.53	123.74	0.00037	101.12	125.16	0.00036
98.99	127.28	0.00034	95.46	130.81	0.00033
91.92	134.35	0.00031	84.85	141.42	0.00030
77.78	148.49	0.00029	70.71	155.56	0.00028
63.64	162.63	0.00027	56.57	169.71	0.00025
49.50	176.78	0.00024	42.43	183.85	0.00023
176.78	35.36	0.00164	169.71	42.43	0.00178
162.63	49.50	0.00192	155.56	56.57	0.00205
148.49	63.64	0.00217	141.42	70.71	0.00225
134.35	77.78	0.00225	127.28	84.85	0.00210
123.74	88.39	0.00194	120.21	91.92	0.00171
118.09	94.05	0.00153	116.67	95.46	0.00141
115.26	96.87	0.00127	113.84	98.29	0.00114
112.43	99.70	0.00101	99.70	112.43	0.00053
98.29	113.84	0.00051	96.87	115.26	0.00050
95.46	116.67	0.00048	94.05	118.09	0.00047

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

14:58:12
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00046	88.39	123.74	0.00045
84.85	127.28	0.00044	77.78	134.35	0.00042

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00040	63.64	148.49	0.00038
56.57	155.56	0.00035	49.50	162.63	0.00033
42.43	169.71	0.00031	35.36	176.78	0.00028
169.71	28.28	0.00193	162.63	35.36	0.00213
155.56	42.43	0.00236	148.49	49.50	0.00260
141.42	56.57	0.00286	134.35	63.64	0.00313
127.28	70.71	0.00336	120.21	77.78	0.00349
116.67	81.32	0.00347	113.14	84.85	0.00335
111.02	86.97	0.00320	109.60	88.39	0.00306
108.19	89.80	0.00287	106.77	91.22	0.00263
105.36	92.63	0.00234	92.63	105.36	0.00077
91.22	106.77	0.00076	89.80	108.19	0.00076
88.39	109.60	0.00076	86.97	111.02	0.00075
84.85	113.14	0.00074	81.32	116.67	0.00072
77.78	120.21	0.00069	70.71	127.28	0.00063
63.64	134.35	0.00057	56.57	141.42	0.00052
49.50	148.49	0.00047	42.43	155.56	0.00042
35.36	162.63	0.00038	28.28	169.71	0.00035
162.63	21.21	0.00220	155.56	28.28	0.00247
148.49	35.36	0.00278	141.42	42.43	0.00314
134.35	49.50	0.00355	127.28	56.57	0.00401
120.21	63.64	0.00450	113.14	70.71	0.00499
109.60	74.25	0.00520	106.07	77.78	0.00534
103.94	79.90	0.00538	102.53	81.32	0.00538
101.12	82.73	0.00536	99.70	84.15	0.00536
98.29	85.56	0.00533	85.56	98.29	0.00153
84.15	99.70	0.00146	82.73	101.12	0.00139
81.32	102.53	0.00134	79.90	103.94	0.00130
77.78	106.07	0.00123	74.25	109.60	0.00114
70.71	113.14	0.00105	63.64	120.21	0.00090
56.57	127.28	0.00077	49.50	134.35	0.00067
42.43	141.42	0.00059	35.36	148.49	0.00052
28.28	155.56	0.00046	21.21	162.63	0.00041
155.56	14.14	0.00242	148.49	21.21	0.00275
141.42	28.28	0.00313	134.35	35.36	0.00358
127.28	42.43	0.00410	120.21	49.50	0.00469
113.14	56.57	0.00532	106.07	63.64	0.00590
102.53	67.18	0.00613	98.99	70.71	0.00626

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

14:58:12
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA PL94-300 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	0.00626	95.46	74.25	0.00622
94.05	75.66	0.00614	92.63	77.07	0.00606
91.22	78.49	0.00595	78.49	91.22	0.00190
77.07	92.63	0.00184	75.66	94.05	0.00180
74.25	95.46	0.00175	72.83	96.87	0.00171
70.71	98.99	0.00163	67.18	102.53	0.00150
63.64	106.07	0.00138	56.57	113.14	0.00115
49.50	120.21	0.00097	42.43	127.28	0.00083
35.36	134.35	0.00071	28.28	141.42	0.00061
21.21	148.49	0.00054	14.14	155.56	0.00047
148.49	7.07	0.00258	141.42	14.14	0.00294
134.35	21.21	0.00337	127.28	28.28	0.00387
120.21	35.36	0.00445	113.14	42.43	0.00509
106.07	49.50	0.00576	98.99	56.57	0.00635
95.46	60.10	0.00654	91.92	63.64	0.00662
89.80	65.76	0.00658	88.39	67.18	0.00651
86.97	68.59	0.00641	85.56	70.00	0.00628
84.15	71.42	0.00616	71.42	84.15	0.00208
70.00	85.56	0.00202	68.59	86.97	0.00198
67.18	88.39	0.00194	65.76	89.80	0.00190
63.64	91.92	0.00184	60.10	95.46	0.00173
56.57	98.99	0.00161	49.50	106.07	0.00137
42.43	113.14	0.00115	35.36	120.21	0.00097
28.28	127.28	0.00082	21.21	134.35	0.00070
14.14	141.42	0.00061	7.07	148.49	0.00053
141.42	0.00	0.00265	134.35	7.07	0.00304
127.28	14.14	0.00348	120.21	21.21	0.00401
113.14	28.28	0.00461	106.07	35.36	0.00528
98.99	42.43	0.00597	91.92	49.50	0.00655
88.39	53.03	0.00672	84.85	56.57	0.00676
82.73	58.69	0.00671	81.32	60.10	0.00664
79.90	61.52	0.00654	78.49	62.93	0.00641
77.07	64.35	0.00628	64.35	77.07	0.00221
62.93	78.49	0.00215	61.52	79.90	0.00210
60.10	81.32	0.00206	58.69	82.73	0.00202
56.57	84.85	0.00196	53.03	88.39	0.00186
49.50	91.92	0.00175	42.43	98.99	0.00151
35.36	106.07	0.00129	28.28	113.14	0.00109
21.21	120.21	0.00092	14.14	127.28	0.00078
7.07	134.35	0.00067	0.00	141.42	0.00058

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

*** NCRA Cumulative DPM Impacts

14:58:12

**MODELOPTs:

PAGE 89

*** 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	0.00264	127.28	0.00	0.00302
120.21	7.07	0.00347	113.14	14.14	0.00400
106.07	21.21	0.00461	98.99	28.28	0.00529
91.92	35.36	0.00599	84.85	42.43	0.00656
81.32	45.96	0.00674	77.78	49.50	0.00680
75.66	51.62	0.00675	74.25	53.03	0.00669
72.83	54.45	0.00659	71.42	55.86	0.00646
70.00	57.28	0.00633	57.28	70.00	0.00229
55.86	71.42	0.00223	54.45	72.83	0.00218
53.03	74.25	0.00214	51.62	75.66	0.00210
49.50	77.78	0.00204	45.96	81.32	0.00193
42.43	84.85	0.00183	35.36	91.92	0.00160
28.28	98.99	0.00137	21.21	106.07	0.00117
14.14	113.14	0.00099	7.07	120.21	0.00084
0.00	127.28	0.00072	-7.07	134.35	0.00062
127.28	-14.14	0.00254	120.21	-7.07	0.00290
113.14	0.00	0.00333	106.07	7.07	0.00385
98.99	14.14	0.00445	91.92	21.21	0.00512
84.85	28.28	0.00581	77.78	35.36	0.00642
74.25	38.89	0.00663	70.71	42.43	0.00672
68.59	44.55	0.00670	67.18	45.96	0.00664
65.76	47.38	0.00655	64.35	48.79	0.00644
62.93	50.20	0.00630	50.20	62.93	0.00232
48.79	64.35	0.00226	47.38	65.76	0.00222
45.96	67.18	0.00218	44.55	68.59	0.00214
42.43	70.71	0.00208	38.89	74.25	0.00198
35.36	77.78	0.00187	28.28	84.85	0.00164
21.21	91.92	0.00141	14.14	98.99	0.00121
7.07	106.07	0.00103	0.00	113.14	0.00088
-7.07	120.21	0.00075	-14.14	127.28	0.00065
120.21	-21.21	0.00237	113.14	-14.14	0.00270
106.07	-7.07	0.00309	98.99	0.00	0.00356
91.92	7.07	0.00411	84.85	14.14	0.00473
77.78	21.21	0.00539	70.71	28.28	0.00603

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00629	63.64	35.36	0.00644
61.52	37.48	0.00646	60.10	38.89	0.00644
58.69	40.31	0.00638	57.28	41.72	0.00629
55.86	43.13	0.00618	43.13	55.86	0.00231
41.72	57.28	0.00225	40.31	58.69	0.00221
38.89	60.10	0.00218	37.48	61.52	0.00215

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

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

14:58:12

**MODELOPTs:

PAGE 90

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	0.00209	31.82	67.18	0.00198
28.28	70.71	0.00187	21.21	77.78	0.00163
14.14	84.85	0.00141	7.07	91.92	0.00120
0.00	98.99	0.00103	-7.07	106.07	0.00088
-14.14	113.14	0.00076	-21.21	120.21	0.00065
113.14	-28.28	0.00213	106.07	-21.21	0.00241
98.99	-14.14	0.00274	91.92	-7.07	0.00313
84.85	0.00	0.00358	77.78	7.07	0.00408
70.71	14.14	0.00465	63.64	21.21	0.00524
60.10	24.75	0.00551	56.57	28.28	0.00573
54.45	30.41	0.00582	53.03	31.82	0.00586
51.62	33.23	0.00587	50.20	34.65	0.00585
48.79	36.06	0.00582	36.06	48.79	0.00224
34.65	50.20	0.00219	33.23	51.62	0.00215
31.82	53.03	0.00212	30.41	54.45	0.00209
28.28	56.57	0.00203	24.75	60.10	0.00192
21.21	63.64	0.00180	14.14	70.71	0.00155
7.07	77.78	0.00134	0.00	84.85	0.00115
-7.07	91.92	0.00099	-14.14	98.99	0.00085
-21.21	106.07	0.00073	-28.28	113.14	0.00064
106.07	-35.36	0.00186	98.99	-28.28	0.00208
91.92	-21.21	0.00232	84.85	-14.14	0.00260
77.78	-7.07	0.00290	70.71	0.00	0.00323
63.64	7.07	0.00356	56.57	14.14	0.00388
53.03	17.68	0.00402	49.50	21.21	0.00413
47.38	23.33	0.00420	45.96	24.75	0.00425
44.55	26.16	0.00432	43.13	27.58	0.00440
41.72	28.99	0.00452	28.99	41.72	0.00204

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00198	26.16	44.55	0.00193
24.75	45.96	0.00189	23.33	47.38	0.00186
21.21	49.50	0.00180	17.68	53.03	0.00169
14.14	56.57	0.00159	7.07	63.64	0.00138
0.00	70.71	0.00120	-7.07	77.78	0.00104
-14.14	84.85	0.00091	-21.21	91.92	0.00079
-28.28	98.99	0.00069	-35.36	106.07	0.00061
98.99	-42.43	0.00158	91.92	-35.36	0.00173
84.85	-28.28	0.00189	77.78	-21.21	0.00205
70.71	-14.14	0.00221	63.64	-7.07	0.00234
56.57	0.00	0.00243	49.50	7.07	0.00239
45.96	10.61	0.00231	42.43	14.14	0.00216

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

14:58:12
 **MODELOPTs:
 PAGE 91

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00203	38.89	17.68	0.00194
37.48	19.09	0.00183	36.06	20.51	0.00172
34.65	21.92	0.00160	21.92	34.65	0.00130
20.51	36.06	0.00132	19.09	37.48	0.00133
17.68	38.89	0.00134	16.26	40.31	0.00134
14.14	42.43	0.00134	10.61	45.96	0.00131
7.07	49.50	0.00126	0.00	56.57	0.00115
-7.07	63.64	0.00102	-14.14	70.71	0.00091
-21.21	77.78	0.00081	-28.28	84.85	0.00072
-35.36	91.92	0.00064	-42.43	98.99	0.00057
91.92	-49.50	0.00131	84.85	-42.43	0.00140
77.78	-35.36	0.00149	70.71	-28.28	0.00156
63.64	-21.21	0.00161	56.57	-14.14	0.00163
49.50	-7.07	0.00159	42.43	0.00	0.00147
38.89	3.54	0.00137	35.36	7.07	0.00125
33.23	9.19	0.00116	31.82	10.61	0.00111
30.41	12.02	0.00106	28.99	13.44	0.00101
27.58	14.85	0.00097	14.85	27.58	0.00094
13.44	28.99	0.00094	12.02	30.41	0.00095
10.61	31.82	0.00095	9.19	33.23	0.00095
7.07	35.36	0.00096	3.54	38.89	0.00096
0.00	42.43	0.00096	-7.07	49.50	0.00091

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00077
-28.28	70.71	0.00070	-35.36	77.78	0.00064
-42.43	84.85	0.00058	-49.50	91.92	0.00052
84.85	-56.57	0.00107	77.78	-49.50	0.00111
70.71	-42.43	0.00115	63.64	-35.36	0.00118
56.57	-28.28	0.00118	49.50	-21.21	0.00116
42.43	-14.14	0.00110	35.36	-7.07	0.00099
31.82	-3.54	0.00092	28.28	0.00	0.00086
26.16	2.12	0.00083	24.75	3.54	0.00081
23.33	4.95	0.00078	21.92	6.36	0.00076
20.51	7.78	0.00075	7.78	20.51	0.00076
6.36	21.92	0.00077	4.95	23.33	0.00077
3.54	24.75	0.00076	2.12	26.16	0.00076
0.00	28.28	0.00075	-3.54	31.82	0.00074
-7.07	35.36	0.00073	-14.14	42.43	0.00071
-21.21	49.50	0.00068	-28.28	56.57	0.00064
-35.36	63.64	0.00060	-42.43	70.71	0.00055
-49.50	77.78	0.00051	-56.57	84.85	0.00047

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

14:58:12
 **MODELOPTs:
 PAGE 92
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00087	70.71	-56.57	0.00089
63.64	-49.50	0.00090	56.57	-42.43	0.00090
49.50	-35.36	0.00089	42.43	-28.28	0.00086
35.36	-21.21	0.00080	28.28	-14.14	0.00072
24.75	-10.61	0.00069	21.21	-7.07	0.00067
19.09	-4.95	0.00065	17.68	-3.54	0.00064
16.26	-2.12	0.00062	14.85	-0.71	0.00061
13.44	0.71	0.00060	0.71	13.44	0.00063
-0.71	14.85	0.00063	-2.12	16.26	0.00064
-3.54	17.68	0.00064	-4.95	19.09	0.00064
-7.07	21.21	0.00063	-10.61	24.75	0.00061
-14.14	28.28	0.00059	-21.21	35.36	0.00057
-28.28	42.43	0.00055	-35.36	49.50	0.00052
-42.43	56.57	0.00050	-49.50	63.64	0.00047
-56.57	70.71	0.00044	-63.64	77.78	0.00041
70.71	-70.71	0.00071	63.64	-63.64	0.00071

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00071	49.50	-49.50	0.00071
42.43	-42.43	0.00068	35.36	-35.36	0.00065
28.28	-28.28	0.00060	21.21	-21.21	0.00057
17.68	-17.68	0.00055	14.14	-14.14	0.00054
12.02	-12.02	0.00052	10.61	-10.61	0.00052
9.19	-9.19	0.00051	7.78	-7.78	0.00050
6.36	-6.36	0.00049	-6.36	6.36	0.00052
-7.78	7.78	0.00053	-9.19	9.19	0.00053
-10.61	10.61	0.00053	-12.02	12.02	0.00053
-14.14	14.14	0.00053	-17.68	17.68	0.00052
-21.21	21.21	0.00051	-28.28	28.28	0.00047
-35.36	35.36	0.00045	-42.43	42.43	0.00043
-49.50	49.50	0.00041	-56.57	56.57	0.00040
-63.64	63.64	0.00038	-70.71	70.71	0.00036
63.64	-77.78	0.00058	56.57	-70.71	0.00058
49.50	-63.64	0.00057	42.43	-56.57	0.00056
35.36	-49.50	0.00053	28.28	-42.43	0.00050
21.21	-35.36	0.00048	14.14	-28.28	0.00047
10.61	-24.75	0.00046	7.07	-21.21	0.00044
4.95	-19.09	0.00043	3.54	-17.68	0.00043
2.12	-16.26	0.00042	0.71	-14.85	0.00041
-0.71	-13.44	0.00041	-13.44	-0.71	0.00044
-14.85	0.71	0.00044	-16.26	2.12	0.00044
-17.68	3.54	0.00045	-19.09	4.95	0.00045

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

14:58:12
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00045	-24.75	10.61	0.00045
-28.28	14.14	0.00044	-35.36	21.21	0.00041
-42.43	28.28	0.00038	-49.50	35.36	0.00036
-56.57	42.43	0.00035	-63.64	49.50	0.00033
-70.71	56.57	0.00032	-77.78	63.64	0.00031
56.57	-84.85	0.00048	49.50	-77.78	0.00048
42.43	-70.71	0.00046	35.36	-63.64	0.00044
28.28	-56.57	0.00042	21.21	-49.50	0.00041
14.14	-42.43	0.00040	7.07	-35.36	0.00039
3.54	-31.82	0.00038	0.00	-28.28	0.00037

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-2.12	-26.16	0.00036	-3.54	-24.75	0.00036
-4.95	-23.33	0.00035	-6.36	-21.92	0.00035
-7.78	-20.51	0.00035	-20.51	-7.78	0.00037
-21.92	-6.36	0.00037	-23.33	-4.95	0.00038
-24.75	-3.54	0.00038	-26.16	-2.12	0.00038
-28.28	0.00	0.00038	-31.82	3.54	0.00038
-35.36	7.07	0.00038	-42.43	14.14	0.00036
-49.50	21.21	0.00033	-56.57	28.28	0.00031
-63.64	35.36	0.00030	-70.71	42.43	0.00029
-77.78	49.50	0.00028	-84.85	56.57	0.00027
49.50	-91.92	0.00040	42.43	-84.85	0.00039
35.36	-77.78	0.00038	28.28	-70.71	0.00036
21.21	-63.64	0.00035	14.14	-56.57	0.00034
7.07	-49.50	0.00034	0.00	-42.43	0.00033
-3.54	-38.89	0.00032	-7.07	-35.36	0.00031
-9.19	-33.23	0.00031	-10.61	-31.82	0.00030
-12.02	-30.41	0.00030	-13.44	-28.99	0.00030
-14.85	-27.58	0.00030	-27.58	-14.85	0.00032
-28.99	-13.44	0.00032	-30.41	-12.02	0.00032
-31.82	-10.61	0.00032	-33.23	-9.19	0.00033
-35.36	-7.07	0.00033	-38.89	-3.54	0.00033
-42.43	0.00	0.00033	-49.50	7.07	0.00032
-56.57	14.14	0.00029	-63.64	21.21	0.00027
-70.71	28.28	0.00026	-77.78	35.36	0.00025
-84.85	42.43	0.00024	-91.92	49.50	0.00023
42.43	-98.99	0.00033	35.36	-91.92	0.00032
28.28	-84.85	0.00031	21.21	-77.78	0.00030
14.14	-70.71	0.00030	7.07	-63.64	0.00030
0.00	-56.57	0.00029	-7.07	-49.50	0.00028
-10.61	-45.96	0.00027	-14.14	-42.43	0.00027

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

14:58:12
 **MODELOPTs:
 PAGE 94
 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	0.00026	-17.68	-38.89	0.00026
-19.09	-37.48	0.00026	-20.51	-36.06	0.00026
-21.92	-34.65	0.00026	-34.65	-21.92	0.00028
-36.06	-20.51	0.00028	-37.48	-19.09	0.00028

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 95

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 ***

14NCRA_PL94-300_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	0.00021	14.14	-113.14	0.00020
7.07	-106.07	0.00020	0.00	-98.99	0.00020
-7.07	-91.92	0.00020	-14.14	-84.85	0.00020
-21.21	-77.78	0.00019	-28.28	-70.71	0.00019
-31.82	-67.18	0.00018	-35.36	-63.64	0.00018
-37.48	-61.52	0.00018	-38.89	-60.10	0.00018
-40.31	-58.69	0.00018	-41.72	-57.28	0.00018
-43.13	-55.86	0.00018	-55.86	-43.13	0.00019
-57.28	-41.72	0.00019	-58.69	-40.31	0.00019
-60.10	-38.89	0.00019	-61.52	-37.48	0.00019
-63.64	-35.36	0.00019	-67.18	-31.82	0.00019
-70.71	-28.28	0.00020	-77.78	-21.21	0.00020
-84.85	-14.14	0.00019	-91.92	-7.07	0.00018
-98.99	0.00	0.00017	-106.07	7.07	0.00016
-113.14	14.14	0.00015	-120.21	21.21	0.00015
14.14	-127.28	0.00018	7.07	-120.21	0.00018
0.00	-113.14	0.00018	-7.07	-106.07	0.00018
-14.14	-98.99	0.00018	-21.21	-91.92	0.00018
-28.28	-84.85	0.00017	-35.36	-77.78	0.00017
-38.89	-74.25	0.00016	-42.43	-70.71	0.00016
-44.55	-68.59	0.00016	-45.96	-67.18	0.00016
-47.38	-65.76	0.00016	-48.79	-64.35	0.00016
-50.20	-62.93	0.00016	-62.93	-50.20	0.00017
-64.35	-48.79	0.00017	-65.76	-47.38	0.00017
-67.18	-45.96	0.00017	-68.59	-44.55	0.00017
-70.71	-42.43	0.00017	-74.25	-38.89	0.00017
-77.78	-35.36	0.00018	-84.85	-28.28	0.00018
-91.92	-21.21	0.00017	-98.99	-14.14	0.00017
-106.07	-7.07	0.00016	-113.14	0.00	0.00015
-120.21	7.07	0.00014	-127.28	14.14	0.00013
7.07	-134.35	0.00016	0.00	-127.28	0.00016
-7.07	-120.21	0.00016	-14.14	-113.14	0.00016
-21.21	-106.07	0.00016	-28.28	-98.99	0.00016
-35.36	-91.92	0.00015	-42.43	-84.85	0.00015
-45.96	-81.32	0.00015	-49.50	-77.78	0.00014
-51.62	-75.66	0.00014	-53.03	-74.25	0.00014
-54.45	-72.83	0.00014	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00015
-71.42	-55.86	0.00015	-72.83	-54.45	0.00015
-74.25	-53.03	0.00015	-75.66	-51.62	0.00015

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

*** NCRA Cumulative DPM Impacts

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

14:58:12
 **MODELOPTS:
 PAGE 96
 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	0.00016	-81.32	-45.96	0.00016	
-84.85	-42.43	0.00016	-91.92	-35.36	0.00016	
-98.99	-28.28	0.00016	-106.07	-21.21	0.00015	
-113.14	-14.14	0.00015	-120.21	-7.07	0.00014	
-127.28	0.00	0.00013	-134.35	7.07	0.00012	
0.00	-141.42	0.00015	-7.07	-134.35	0.00015	
-14.14	-127.28	0.00015	-21.21	-120.21	0.00015	
-28.28	-113.14	0.00014	-35.36	-106.07	0.00014	
-42.43	-98.99	0.00014	-49.50	-91.92	0.00013	
-53.03	-88.39	0.00013	-56.57	-84.85	0.00013	
-58.69	-82.73	0.00013	-60.10	-81.32	0.00013	
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013	
-64.35	-77.07	0.00013	-77.07	-64.35	0.00014	
-78.49	-62.93	0.00014	-79.90	-61.52	0.00014	
-81.32	-60.10	0.00014	-82.73	-58.69	0.00014	
-84.85	-56.57	0.00014	-88.39	-53.03	0.00014	
-91.92	-49.50	0.00014	-98.99	-42.43	0.00014	
-106.07	-35.36	0.00014	-113.14	-28.28	0.00014	
-120.21	-21.21	0.00014	-127.28	-14.14	0.00013	
-134.35	-7.07	0.00012	-141.42	0.00	0.00012	
-7.07	-148.49	0.00013	-14.14	-141.42	0.00013	
-21.21	-134.35	0.00013	-28.28	-127.28	0.00013	
-35.36	-120.21	0.00013	-42.43	-113.14	0.00013	
-49.50	-106.07	0.00012	-56.57	-98.99	0.00012	
-60.10	-95.46	0.00012	-63.64	-91.92	0.00012	
-65.76	-89.80	0.00012	-67.18	-88.39	0.00012	
-68.59	-86.97	0.00012	-70.00	-85.56	0.00012	
-71.42	-84.15	0.00012	-84.15	-71.42	0.00012	
-85.56	-70.00	0.00012	-86.97	-68.59	0.00013	
-88.39	-67.18	0.00013	-89.80	-65.76	0.00013	
-91.92	-63.64	0.00013	-95.46	-60.10	0.00013	
-98.99	-56.57	0.00013	-106.07	-49.50	0.00013	
-113.14	-42.43	0.00013	-120.21	-35.36	0.00013	
-127.28	-28.28	0.00013	-134.35	-21.21	0.00012	
-141.42	-14.14	0.00011	-148.49	-7.07	0.00011	
-14.14	-155.56	0.00012	-21.21	-148.49	0.00012	

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	-141.42	0.00012	-35.36	-134.35	0.00012
-42.43	-127.28	0.00012	-49.50	-120.21	0.00012
-56.57	-113.14	0.00011	-63.64	-106.07	0.00011
-67.18	-102.53	0.00011	-70.71	-98.99	0.00011

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

14:58:12
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-105.36	-92.63	0.00010
-106.77	-91.22	0.00010	-108.19	-89.80	0.00010
-109.60	-88.39	0.00010	-111.02	-86.97	0.00010
-113.14	-84.85	0.00010	-116.67	-81.32	0.00010
-120.21	-77.78	0.00010	-127.28	-70.71	0.00010
-134.35	-63.64	0.00010	-141.42	-56.57	0.00010
-148.49	-49.50	0.00010	-155.56	-42.43	0.00010
-162.63	-35.36	0.00009	-169.71	-28.28	0.00009

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

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

14:58:12

**MODELOPTs:

PAGE 98

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:

PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 102
 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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14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-162.63	0.00005	-194.45	-159.10	0.00005
-197.99	-155.56	0.00005	-205.06	-148.49	0.00005
-212.13	-141.42	0.00005	-219.20	-134.35	0.00005
-226.27	-127.28	0.00005	-233.35	-120.21	0.00005
-240.42	-113.14	0.00005	-247.49	-106.07	0.00005

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

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

14:58:12

**MODELOPTs:
 PAGE 103

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00136	240.42	113.14	0.00144
233.35	120.21	0.00151	226.27	127.28	0.00156
219.20	134.35	0.00158	212.13	141.42	0.00155
205.06	148.49	0.00145	197.99	155.56	0.00125
194.45	159.10	0.00111	190.92	162.63	0.00094
188.80	164.76	0.00084	187.38	166.17	0.00077
185.97	167.58	0.00071	184.55	169.00	0.00065
183.14	170.41	0.00059	170.41	183.14	0.00040
169.00	184.55	0.00039	167.58	185.97	0.00038
166.17	187.38	0.00037	164.76	188.80	0.00036
162.63	190.92	0.00034	159.10	194.45	0.00033
155.56	197.99	0.00031	148.49	205.06	0.00030
141.42	212.13	0.00029	134.35	219.20	0.00028
127.28	226.27	0.00027	120.21	233.35	0.00025
113.14	240.42	0.00024	106.07	247.49	0.00023
240.42	98.99	0.00164	233.35	106.07	0.00178
226.27	113.14	0.00192	219.20	120.21	0.00205
212.13	127.28	0.00217	205.06	134.35	0.00225
197.99	141.42	0.00225	190.92	148.49	0.00210
187.38	152.03	0.00194	183.85	155.56	0.00171
181.73	157.68	0.00154	180.31	159.10	0.00141
178.90	160.51	0.00127	177.48	161.93	0.00114
176.07	163.34	0.00101	163.34	176.07	0.00053
161.93	177.48	0.00051	160.51	178.90	0.00050
159.10	180.31	0.00048	157.68	181.73	0.00047
155.56	183.85	0.00046	152.03	187.38	0.00045
148.49	190.92	0.00044	141.42	197.99	0.00042
134.35	205.06	0.00040	127.28	212.13	0.00038
120.21	219.20	0.00035	113.14	226.27	0.00033

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00031	98.99	240.42	0.00028
233.35	91.92	0.00193	226.27	98.99	0.00213
219.20	106.07	0.00236	212.13	113.14	0.00260
205.06	120.21	0.00286	197.99	127.28	0.00313
190.92	134.35	0.00336	183.85	141.42	0.00349
180.31	144.96	0.00347	176.78	148.49	0.00335
174.66	150.61	0.00320	173.24	152.03	0.00306
171.83	153.44	0.00287	170.41	154.86	0.00263
169.00	156.27	0.00234	156.27	169.00	0.00077
154.86	170.41	0.00076	153.44	171.83	0.00076
152.03	173.24	0.00076	150.61	174.66	0.00075

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

14:58:12
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00074	144.96	180.31	0.00072
141.42	183.85	0.00069	134.35	190.92	0.00063
127.28	197.99	0.00057	120.21	205.06	0.00052
113.14	212.13	0.00047	106.07	219.20	0.00042
99.00	226.27	0.00038	91.92	233.35	0.00035
226.27	84.85	0.00220	219.20	91.92	0.00247
212.13	98.99	0.00278	205.06	106.07	0.00314
197.99	113.14	0.00355	190.92	120.21	0.00401
183.85	127.28	0.00450	176.78	134.35	0.00499
173.24	137.89	0.00520	169.71	141.42	0.00534
167.58	143.54	0.00538	166.17	144.96	0.00538
164.76	146.37	0.00536	163.34	147.79	0.00536
161.93	149.20	0.00533	149.20	161.93	0.00153
147.79	163.34	0.00146	146.37	164.76	0.00139
144.96	166.17	0.00134	143.54	167.58	0.00130
141.42	169.71	0.00123	137.89	173.24	0.00114
134.35	176.78	0.00105	127.28	183.85	0.00090
120.21	190.92	0.00077	113.14	197.99	0.00067
106.07	205.06	0.00059	99.00	212.13	0.00052
91.92	219.20	0.00046	84.85	226.27	0.00041
219.20	77.78	0.00242	212.13	84.85	0.00275
205.06	91.92	0.00313	197.99	98.99	0.00358
190.92	106.07	0.00410	183.85	113.14	0.00469

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00532	169.71	127.28	0.00590
166.17	130.81	0.00613	162.63	134.35	0.00626
160.51	136.47	0.00626	159.10	137.89	0.00622
157.68	139.30	0.00614	156.27	140.71	0.00606
154.86	142.13	0.00595	142.13	154.86	0.00190
140.71	156.27	0.00184	139.30	157.68	0.00180
137.89	159.10	0.00175	136.47	160.51	0.00171
134.35	162.63	0.00163	130.81	166.17	0.00150
127.28	169.71	0.00138	120.21	176.78	0.00115
113.14	183.85	0.00097	106.07	190.92	0.00083
99.00	197.99	0.00071	91.92	205.06	0.00061
84.85	212.13	0.00054	77.78	219.20	0.00047
212.13	70.71	0.00258	205.06	77.78	0.00294
197.99	84.85	0.00337	190.92	91.92	0.00387
183.85	98.99	0.00445	176.78	106.07	0.00509
169.71	113.14	0.00576	162.63	120.21	0.00635
159.10	123.74	0.00654	155.56	127.28	0.00662

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

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

14:58:12

**MODELOPTs:
 PAGE 105

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	0.00658	152.03	130.81	0.00651
150.61	132.23	0.00641	149.20	133.64	0.00628
147.79	135.06	0.00616	135.06	147.79	0.00208
133.64	149.20	0.00202	132.23	150.61	0.00198
130.81	152.03	0.00194	129.40	153.44	0.00190
127.28	155.56	0.00184	123.74	159.10	0.00173
120.21	162.63	0.00161	113.14	169.71	0.00137
106.07	176.78	0.00115	98.99	183.85	0.00097
91.92	190.92	0.00082	84.85	197.99	0.00070
77.78	205.06	0.00061	70.71	212.13	0.00053
205.06	63.64	0.00265	197.99	70.71	0.00304
190.92	77.78	0.00348	183.85	84.85	0.00401
176.78	91.92	0.00461	169.71	98.99	0.00528
162.63	106.07	0.00597	155.56	113.14	0.00655
152.03	116.67	0.00672	148.49	120.21	0.00676
146.37	122.33	0.00671	144.96	123.74	0.00664
143.54	125.16	0.00654	142.13	126.57	0.00641

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

140.71	127.99	0.00628	127.99	140.71	0.00221
126.57	142.13	0.00215	125.16	143.54	0.00210
123.74	144.96	0.00206	122.33	146.37	0.00202
120.21	148.49	0.00196	116.67	152.03	0.00186
113.14	155.56	0.00175	106.07	162.63	0.00151
98.99	169.71	0.00129	91.92	176.78	0.00109
84.85	183.85	0.00092	77.78	190.92	0.00078
70.71	197.99	0.00067	63.64	205.06	0.00058
197.99	56.57	0.00264	190.92	63.64	0.00302
183.85	70.71	0.00347	176.78	77.78	0.00400
169.71	84.85	0.00461	162.63	91.92	0.00529
155.56	98.99	0.00599	148.49	106.07	0.00656
144.96	109.60	0.00674	141.42	113.14	0.00680
139.30	115.26	0.00675	137.89	116.67	0.00669
136.47	118.09	0.00659	135.06	119.50	0.00646
133.64	120.92	0.00633	120.92	133.64	0.00229
119.50	135.06	0.00223	118.09	136.47	0.00218
116.67	137.89	0.00214	115.26	139.30	0.00210
113.14	141.42	0.00204	109.60	144.96	0.00193
106.07	148.49	0.00183	98.99	155.56	0.00160
91.92	162.63	0.00137	84.85	169.71	0.00117
77.78	176.78	0.00099	70.71	183.85	0.00084
63.64	190.92	0.00072	56.57	197.99	0.00062

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

14:58:12
 **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	0.00254	183.85	56.57	0.00290
176.78	63.64	0.00333	169.71	70.71	0.00385
162.63	77.78	0.00445	155.56	84.85	0.00512
148.49	91.92	0.00581	141.42	98.99	0.00642
137.89	102.53	0.00663	134.35	106.07	0.00672
132.23	108.19	0.00670	130.81	109.60	0.00664
129.40	111.02	0.00655	127.99	112.43	0.00644
126.57	113.84	0.00630	113.84	126.57	0.00232
112.43	127.99	0.00226	111.02	129.40	0.00222
109.60	130.81	0.00218	108.19	132.23	0.00214
106.07	134.35	0.00208	102.53	137.89	0.00198

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00187	91.92	148.49	0.00164
84.85	155.56	0.00141	77.78	162.63	0.00121
70.71	169.71	0.00103	63.64	176.78	0.00088
56.57	183.85	0.00075	49.50	190.92	0.00065
183.85	42.43	0.00237	176.78	49.50	0.00270
169.71	56.57	0.00309	162.63	63.64	0.00356
155.56	70.71	0.00411	148.49	77.78	0.00473
141.42	84.85	0.00539	134.35	91.92	0.00603
130.81	95.46	0.00629	127.28	98.99	0.00644
125.16	101.12	0.00646	123.74	102.53	0.00644
122.33	103.94	0.00638	120.92	105.36	0.00629
119.50	106.77	0.00618	106.77	119.50	0.00231
105.36	120.92	0.00225	103.94	122.33	0.00221
102.53	123.74	0.00218	101.12	125.16	0.00215
98.99	127.28	0.00209	95.46	130.81	0.00198
91.92	134.35	0.00187	84.85	141.42	0.00163
77.78	148.49	0.00141	70.71	155.56	0.00120
63.64	162.63	0.00103	56.57	169.71	0.00088
49.50	176.78	0.00076	42.43	183.85	0.00065
176.78	35.36	0.00213	169.71	42.43	0.00241
162.63	49.50	0.00274	155.56	56.57	0.00313
148.49	63.64	0.00358	141.42	70.71	0.00408
134.35	77.78	0.00465	127.28	84.85	0.00524
123.74	88.39	0.00551	120.21	91.92	0.00573
118.09	94.05	0.00582	116.67	95.46	0.00586
115.26	96.87	0.00587	113.84	98.29	0.00585
112.43	99.70	0.00582	99.70	112.43	0.00224
98.29	113.84	0.00219	96.87	115.26	0.00215
95.46	116.67	0.00212	94.05	118.09	0.00209

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

14:58:12
 **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	0.00203	88.39	123.74	0.00192
84.85	127.28	0.00180	77.78	134.35	0.00155
70.71	141.42	0.00134	63.64	148.49	0.00115
56.57	155.56	0.00099	49.50	162.63	0.00085
42.43	169.71	0.00073	35.36	176.78	0.00064

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00186	162.63	35.36	0.00208
155.56	42.43	0.00232	148.49	49.50	0.00260
141.42	56.57	0.00290	134.35	63.64	0.00323
127.28	70.71	0.00356	120.21	77.78	0.00388
116.67	81.32	0.00402	113.14	84.85	0.00413
111.02	86.97	0.00420	109.60	88.39	0.00425
108.19	89.80	0.00432	106.77	91.22	0.00440
105.36	92.63	0.00452	92.63	105.36	0.00204
91.22	106.77	0.00198	89.80	108.19	0.00193
88.39	109.60	0.00189	86.97	111.02	0.00186
84.85	113.14	0.00180	81.32	116.67	0.00169
77.78	120.21	0.00159	70.71	127.28	0.00138
63.64	134.35	0.00120	56.57	141.42	0.00104
49.50	148.49	0.00091	42.43	155.56	0.00079
35.36	162.63	0.00069	28.28	169.71	0.00061
162.63	21.21	0.00158	155.56	28.28	0.00173
148.49	35.36	0.00189	141.42	42.43	0.00205
134.35	49.50	0.00221	127.28	56.57	0.00234
120.21	63.64	0.00243	113.14	70.71	0.00239
109.60	74.25	0.00231	106.07	77.78	0.00216
103.94	79.90	0.00203	102.53	81.32	0.00194
101.12	82.73	0.00183	99.70	84.15	0.00172
98.29	85.56	0.00160	85.56	98.29	0.00130
84.15	99.70	0.00132	82.73	101.12	0.00133
81.32	102.53	0.00134	79.90	103.94	0.00134
77.78	106.07	0.00134	74.25	109.60	0.00131
70.71	113.14	0.00126	63.64	120.21	0.00115
56.57	127.28	0.00102	49.50	134.35	0.00091
42.43	141.42	0.00081	35.36	148.49	0.00072
28.28	155.56	0.00064	21.21	162.63	0.00057
155.56	14.14	0.00131	148.49	21.21	0.00140
141.42	28.28	0.00149	134.35	35.36	0.00156
127.28	42.43	0.00161	120.21	49.50	0.00163
113.14	56.57	0.00159	106.07	63.64	0.00147
102.53	67.18	0.00137	98.99	70.71	0.00124

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

14:58:12
 **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 **

14NCRA_PL94-300_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	0.00116	95.46	74.25	0.00111
94.05	75.66	0.00106	92.63	77.07	0.00101
91.22	78.49	0.00097	78.49	91.22	0.00094
77.07	92.63	0.00094	75.66	94.05	0.00095
74.25	95.46	0.00095	72.83	96.87	0.00095
70.71	98.99	0.00096	67.18	102.53	0.00096
63.64	106.07	0.00096	56.57	113.14	0.00091
49.50	120.21	0.00085	42.43	127.28	0.00077
35.36	134.35	0.00070	28.28	141.42	0.00064
21.21	148.49	0.00058	14.14	155.56	0.00052
148.49	7.07	0.00107	141.42	14.14	0.00111
134.35	21.21	0.00115	127.28	28.28	0.00118
120.21	35.36	0.00118	113.14	42.43	0.00116
106.07	49.50	0.00110	98.99	56.57	0.00099
95.46	60.10	0.00092	91.92	63.64	0.00086
89.80	65.76	0.00083	88.39	67.18	0.00081
86.97	68.59	0.00078	85.56	70.00	0.00076
84.15	71.42	0.00075	71.42	84.15	0.00076
70.00	85.56	0.00077	68.59	86.97	0.00077
67.18	88.39	0.00076	65.76	89.80	0.00076
63.64	91.92	0.00075	60.10	95.46	0.00074
56.57	98.99	0.00073	49.50	106.07	0.00071
42.43	113.14	0.00068	35.36	120.21	0.00064
28.28	127.28	0.00060	21.21	134.35	0.00055
14.14	141.42	0.00051	7.07	148.49	0.00047
141.42	0.00	0.00087	134.35	7.07	0.00089
127.28	14.14	0.00090	120.21	21.21	0.00090
113.14	28.28	0.00089	106.07	35.36	0.00086
98.99	42.43	0.00080	91.92	49.50	0.00072
88.39	53.03	0.00069	84.85	56.57	0.00067
82.73	58.69	0.00065	81.32	60.10	0.00064
79.90	61.52	0.00062	78.49	62.93	0.00061
77.07	64.35	0.00060	64.35	77.07	0.00063
62.93	78.49	0.00063	61.52	79.90	0.00064
60.10	81.32	0.00064	58.69	82.73	0.00064
56.57	84.85	0.00063	53.03	88.39	0.00061
49.50	91.92	0.00059	42.43	98.99	0.00057
35.36	106.07	0.00055	28.28	113.14	0.00052
21.21	120.21	0.00050	14.14	127.28	0.00047
7.07	134.35	0.00044	0.00	141.42	0.00041

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**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	0.00071	127.28	0.00	0.00071
120.21	7.07	0.00071	113.14	14.14	0.00071
106.07	21.21	0.00068	98.99	28.28	0.00065
91.92	35.36	0.00060	84.85	42.43	0.00057
81.32	45.96	0.00055	77.78	49.50	0.00054
75.66	51.62	0.00052	74.25	53.03	0.00052
72.83	54.45	0.00051	71.42	55.86	0.00050
70.00	57.28	0.00049	57.28	70.00	0.00052
55.86	71.42	0.00053	54.45	72.83	0.00053
53.03	74.25	0.00053	51.62	75.66	0.00053
49.50	77.78	0.00053	45.96	81.32	0.00052
42.43	84.85	0.00051	35.36	91.92	0.00047
28.28	98.99	0.00045	21.21	106.07	0.00043
14.14	113.14	0.00041	7.07	120.21	0.00040
0.00	127.28	0.00038	-7.07	134.35	0.00036
127.28	-14.14	0.00058	120.21	-7.07	0.00058
113.14	0.00	0.00057	106.07	7.07	0.00056
98.99	14.14	0.00053	91.92	21.21	0.00050
84.85	28.28	0.00048	77.78	35.36	0.00047
74.25	38.89	0.00046	70.71	42.43	0.00044
68.59	44.55	0.00043	67.18	45.96	0.00043
65.76	47.38	0.00042	64.35	48.79	0.00041
62.93	50.20	0.00041	50.20	62.93	0.00044
48.79	64.35	0.00044	47.38	65.76	0.00044
45.96	67.18	0.00045	44.55	68.59	0.00045
42.43	70.71	0.00045	38.89	74.25	0.00045
35.36	77.78	0.00044	28.28	84.85	0.00041
21.21	91.92	0.00038	14.14	98.99	0.00036
7.07	106.07	0.00035	0.00	113.14	0.00033
-7.07	120.21	0.00032	-14.14	127.28	0.00031
120.21	-21.21	0.00048	113.14	-14.14	0.00048
106.07	-7.07	0.00046	98.99	0.00	0.00044
91.92	7.07	0.00042	84.85	14.14	0.00041
77.78	21.21	0.00040	70.71	28.28	0.00039
67.18	31.82	0.00038	63.64	35.36	0.00037
61.52	37.48	0.00036	60.10	38.89	0.00036
58.69	40.31	0.00035	57.28	41.72	0.00035

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00035	43.13	55.86	0.00037
41.72	57.28	0.00037	40.31	58.69	0.00038
38.89	60.10	0.00038	37.48	61.52	0.00038

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

14:58:12
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00038	31.82	67.18	0.00038
28.28	70.71	0.00038	21.21	77.78	0.00036
14.14	84.85	0.00033	7.07	91.92	0.00031
0.00	98.99	0.00030	-7.07	106.07	0.00029
-14.14	113.14	0.00028	-21.21	120.21	0.00027
113.14	-28.28	0.00040	106.07	-21.21	0.00039
98.99	-14.14	0.00038	91.92	-7.07	0.00036
84.85	0.00	0.00035	77.78	7.07	0.00034
70.71	14.14	0.00034	63.64	21.21	0.00033
60.10	24.75	0.00032	56.57	28.28	0.00031
54.45	30.41	0.00031	53.03	31.82	0.00030
51.62	33.23	0.00030	50.20	34.65	0.00030
48.79	36.06	0.00030	36.06	48.79	0.00032
34.65	50.20	0.00032	33.23	51.62	0.00032
31.82	53.03	0.00032	30.41	54.45	0.00033
28.28	56.57	0.00033	24.75	60.10	0.00033
21.21	63.64	0.00033	14.14	70.71	0.00032
7.07	77.78	0.00029	0.00	84.85	0.00027
-7.07	91.92	0.00026	-14.14	98.99	0.00025
-21.21	106.07	0.00024	-28.28	113.14	0.00023
106.07	-35.36	0.00033	98.99	-28.28	0.00032
91.92	-21.21	0.00031	84.85	-14.14	0.00030
77.78	-7.07	0.00030	70.71	0.00	0.00030
63.64	7.07	0.00029	56.57	14.14	0.00028
53.03	17.68	0.00027	49.50	21.21	0.00027
47.38	23.33	0.00026	45.96	24.75	0.00026
44.55	26.16	0.00026	43.13	27.58	0.00026
41.72	28.99	0.00026	28.99	41.72	0.00028
27.58	43.13	0.00028	26.16	44.55	0.00028
24.75	45.96	0.00028	23.33	47.38	0.00028
21.21	49.50	0.00028	17.68	53.03	0.00029

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00029	7.07	63.64	0.00028
0.00	70.71	0.00026	-7.07	77.78	0.00025
-14.14	84.85	0.00023	-21.21	91.92	0.00022
-28.28	98.99	0.00021	-35.36	106.07	0.00020
98.99	-42.43	0.00028	91.92	-35.36	0.00027
84.85	-28.28	0.00026	77.78	-21.21	0.00026
70.71	-14.14	0.00026	63.64	-7.07	0.00026
56.57	0.00	0.00025	49.50	7.07	0.00024
45.96	10.61	0.00024	42.43	14.14	0.00023

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

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

14:58:12

**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	0.00023	38.89	17.68	0.00023
37.48	19.09	0.00023	36.06	20.51	0.00023
34.65	21.92	0.00023	21.92	34.65	0.00024
20.51	36.06	0.00024	19.09	37.48	0.00024
17.68	38.89	0.00025	16.26	40.31	0.00025
14.14	42.43	0.00025	10.61	45.96	0.00025
7.07	49.50	0.00025	0.00	56.57	0.00025
-7.07	63.64	0.00024	-14.14	70.71	0.00022
-21.21	77.78	0.00021	-28.28	84.85	0.00020
-35.36	91.92	0.00019	-42.43	98.99	0.00018
91.92	-49.50	0.00024	84.85	-42.43	0.00023
77.78	-35.36	0.00023	70.71	-28.28	0.00023
63.64	-21.21	0.00023	56.57	-14.14	0.00023
49.50	-7.07	0.00022	42.43	0.00	0.00021
38.89	3.54	0.00021	35.36	7.07	0.00020
33.23	9.19	0.00020	31.82	10.61	0.00020
30.41	12.02	0.00020	28.99	13.44	0.00020
27.58	14.85	0.00020	14.85	27.58	0.00021
13.44	28.99	0.00021	12.02	30.41	0.00021
10.61	31.82	0.00022	9.19	33.23	0.00022
7.07	35.36	0.00022	3.54	38.89	0.00022
0.00	42.43	0.00022	-7.07	49.50	0.00022
-14.14	56.57	0.00021	-21.21	63.64	0.00020
-28.28	70.71	0.00019	-35.36	77.78	0.00018
-42.43	84.85	0.00017	-49.50	91.92	0.00016

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

84.85	-56.57	0.00021	77.78	-49.50	0.00020
70.71	-42.43	0.00020	63.64	-35.36	0.00020
56.57	-28.28	0.00020	49.50	-21.21	0.00020
42.43	-14.14	0.00019	35.36	-7.07	0.00019
31.82	-3.54	0.00018	28.28	0.00	0.00018
26.16	2.12	0.00018	24.75	3.54	0.00018
23.33	4.95	0.00018	21.92	6.36	0.00018
20.51	7.78	0.00018	7.78	20.51	0.00019
6.36	21.92	0.00019	4.95	23.33	0.00019
3.54	24.75	0.00019	2.12	26.16	0.00019
0.00	28.28	0.00019	-3.54	31.82	0.00019
-7.07	35.36	0.00020	-14.14	42.43	0.00020
-21.21	49.50	0.00019	-28.28	56.57	0.00018
-35.36	63.64	0.00017	-42.43	70.71	0.00016
-49.50	77.78	0.00015	-56.57	84.85	0.00015

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

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

14:58:12
 **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	0.00018	70.71	-56.57	0.00018
63.64	-49.50	0.00018	56.57	-42.43	0.00018
49.50	-35.36	0.00018	42.43	-28.28	0.00018
35.36	-21.21	0.00017	28.28	-14.14	0.00017
24.75	-10.61	0.00016	21.21	-7.07	0.00016
19.09	-4.95	0.00016	17.68	-3.54	0.00016
16.26	-2.12	0.00016	14.85	-0.71	0.00016
13.44	0.71	0.00016	0.71	13.44	0.00017
-0.71	14.85	0.00017	-2.12	16.26	0.00017
-3.54	17.68	0.00017	-4.95	19.09	0.00017
-7.07	21.21	0.00017	-10.61	24.75	0.00017
-14.14	28.28	0.00018	-21.21	35.36	0.00018
-28.28	42.43	0.00017	-35.36	49.50	0.00017
-42.43	56.57	0.00016	-49.50	63.64	0.00015
-56.57	70.71	0.00014	-63.64	77.78	0.00013
70.71	-70.71	0.00016	63.64	-63.64	0.00016
56.57	-56.57	0.00016	49.50	-49.50	0.00016
42.43	-42.43	0.00016	35.36	-35.36	0.00016
28.28	-28.28	0.00015	21.21	-21.21	0.00015

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **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	0.00014	-24.75	10.61	0.00014
-28.28	14.14	0.00014	-35.36	21.21	0.00014
-42.43	28.28	0.00014	-49.50	35.36	0.00014
-56.57	42.43	0.00014	-63.64	49.50	0.00013
-70.71	56.57	0.00012	-77.78	63.64	0.00012
56.57	-84.85	0.00013	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00013	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00012
3.54	-31.82	0.00012	0.00	-28.28	0.00012
-2.12	-26.16	0.00012	-3.54	-24.75	0.00012
-4.95	-23.33	0.00012	-6.36	-21.92	0.00012
-7.78	-20.51	0.00012	-20.51	-7.78	0.00012

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00010	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00011	-40.31	-16.26	0.00011
-42.43	-14.14	0.00011	-45.96	-10.61	0.00011
-49.50	-7.07	0.00011	-56.57	0.00	0.00011

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00009	14.14	-113.14	0.00009

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

14:58:12

**MODELOPTs:

PAGE 116

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	0.00007	-81.32	-45.96	0.00007
-84.85	-42.43	0.00007	-91.92	-35.36	0.00007
-98.99	-28.28	0.00007	-106.07	-21.21	0.00008
-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	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00007
-28.28	-113.14	0.00007	-35.36	-106.07	0.00007
-42.43	-98.99	0.00006	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00007
-78.49	-62.93	0.00007	-79.90	-61.52	0.00007
-81.32	-60.10	0.00007	-82.73	-58.69	0.00007
-84.85	-56.57	0.00007	-88.39	-53.03	0.00007
-91.92	-49.50	0.00007	-98.99	-42.43	0.00007
-106.07	-35.36	0.00007	-113.14	-28.28	0.00007
-120.21	-21.21	0.00007	-127.28	-14.14	0.00007
-134.35	-7.07	0.00007	-141.42	0.00	0.00007
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00006	-28.28	-127.28	0.00006
-35.36	-120.21	0.00006	-42.43	-113.14	0.00006
-49.50	-106.07	0.00006	-56.57	-98.99	0.00006
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-84.15	-71.42	0.00006
-85.56	-70.00	0.00006	-86.97	-68.59	0.00006
-88.39	-67.18	0.00006	-89.80	-65.76	0.00006
-91.92	-63.64	0.00006	-95.46	-60.10	0.00006
-98.99	-56.57	0.00006	-106.07	-49.50	0.00006
-113.14	-42.43	0.00007	-120.21	-35.36	0.00007
-127.28	-28.28	0.00007	-134.35	-21.21	0.00007
-141.42	-14.14	0.00007	-148.49	-7.07	0.00006
-14.14	-155.56	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00006	-49.50	-120.21	0.00006
-56.57	-113.14	0.00006	-63.64	-106.07	0.00006

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-67.18 -102.53 0.00006 -70.71 -98.99 0.00006

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

14:58:12
 **MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-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	0.00005
-120.21	-77.78	0.00005	-127.28	-70.71	0.00005
-134.35	-63.64	0.00005	-141.42	-56.57	0.00005
-148.49	-49.50	0.00005	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	0.00005

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

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

14:58:12

**MODELOPTs:
PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12
 **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	0.00004	-130.81	-152.03	0.00004
-132.23	-150.61	0.00004	-133.64	-149.20	0.00004
-135.06	-147.79	0.00004	-147.79	-135.06	0.00004
-149.20	-133.64	0.00004	-150.61	-132.23	0.00004
-152.03	-130.81	0.00004	-153.44	-129.40	0.00004
-155.56	-127.28	0.00004	-159.10	-123.74	0.00004
-162.63	-120.21	0.00004	-169.71	-113.14	0.00004
-176.78	-106.07	0.00004	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00003
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

14:58:12

**MODELOPTs:
PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

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

14:58:12
 **MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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-226.27    -127.28    0.00003           -233.35    -120.21    0.00003
-240.42    -113.14    0.00003           -247.49    -106.07    0.00003
    
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1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
    04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

    14:58:12
**MODELOPTs:
    PAGE 123
CONC          URBAN FLAT  FLGPOL  DFAULT
    
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*** 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	0.00169	240.42	113.14	0.00174	
233.35	120.21	0.00179	226.27	127.28	0.00182	
219.20	134.35	0.00181	212.13	141.42	0.00176	
205.06	148.49	0.00164	197.99	155.56	0.00142	
194.45	159.10	0.00127	190.92	162.63	0.00110	
188.80	164.76	0.00099	187.38	166.17	0.00092	
185.97	167.58	0.00086	184.55	169.00	0.00080	
183.14	170.41	0.00074	170.41	183.14	0.00053	
169.00	184.55	0.00052	167.58	185.97	0.00051	
166.17	187.38	0.00050	164.76	188.80	0.00049	
162.63	190.92	0.00048	159.10	194.45	0.00046	
155.56	197.99	0.00045	148.49	205.06	0.00043	
141.42	212.13	0.00041	134.35	219.20	0.00040	
127.28	226.27	0.00038	120.21	233.35	0.00037	
113.14	240.42	0.00035	106.07	247.49	0.00033	
240.42	98.99	0.00202	233.35	106.07	0.00213	
226.27	113.14	0.00224	219.20	120.21	0.00235	
212.13	127.28	0.00244	205.06	134.35	0.00249	
197.99	141.42	0.00246	190.92	148.49	0.00229	
187.38	152.03	0.00213	183.85	155.56	0.00189	
181.73	157.68	0.00171	180.31	159.10	0.00158	
178.90	160.51	0.00144	177.48	161.93	0.00130	
176.07	163.34	0.00117	163.34	176.07	0.00068	
161.93	177.48	0.00066	160.51	178.90	0.00065	
159.10	180.31	0.00063	157.68	181.73	0.00062	
155.56	183.85	0.00061	152.03	187.38	0.00060	
148.49	190.92	0.00059	141.42	197.99	0.00057	
134.35	205.06	0.00054	127.28	212.13	0.00051	
120.21	219.20	0.00048	113.14	226.27	0.00045	
106.07	233.35	0.00042	98.99	240.42	0.00040	
233.35	91.92	0.00238	226.27	98.99	0.00255	
219.20	106.07	0.00274	212.13	113.14	0.00296	

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00318	197.99	127.28	0.00341
190.92	134.35	0.00361	183.85	141.42	0.00371
180.31	144.96	0.00368	176.78	148.49	0.00355
174.66	150.61	0.00339	173.24	152.03	0.00325
171.83	153.44	0.00306	170.41	154.86	0.00282
169.00	156.27	0.00252	156.27	169.00	0.00094
154.86	170.41	0.00093	153.44	171.83	0.00093
152.03	173.24	0.00092	150.61	174.66	0.00092

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

14:58:12
 **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	0.00091	144.96	180.31	0.00089
141.42	183.85	0.00086	134.35	190.92	0.00079
127.28	197.99	0.00072	120.21	205.06	0.00066
113.14	212.13	0.00060	106.07	219.20	0.00055
99.00	226.27	0.00051	91.92	233.35	0.00047
226.27	84.85	0.00273	219.20	91.92	0.00297
212.13	98.99	0.00324	205.06	106.07	0.00356
197.99	113.14	0.00393	190.92	120.21	0.00435
183.85	127.28	0.00480	176.78	134.35	0.00525
173.24	137.89	0.00544	169.71	141.42	0.00557
167.58	143.54	0.00560	166.17	144.96	0.00559
164.76	146.37	0.00558	163.34	147.79	0.00557
161.93	149.20	0.00554	149.20	161.93	0.00172
147.79	163.34	0.00165	146.37	164.76	0.00158
144.96	166.17	0.00153	143.54	167.58	0.00148
141.42	169.71	0.00142	137.89	173.24	0.00132
134.35	176.78	0.00123	127.28	183.85	0.00107
120.21	190.92	0.00094	113.14	197.99	0.00083
106.07	205.06	0.00074	99.00	212.13	0.00066
91.92	219.20	0.00060	84.85	226.27	0.00055
219.20	77.78	0.00306	212.13	84.85	0.00335
205.06	91.92	0.00369	197.99	98.99	0.00410
190.92	106.07	0.00457	183.85	113.14	0.00511
176.78	120.21	0.00568	169.71	127.28	0.00621
166.17	130.81	0.00642	162.63	134.35	0.00653
160.51	136.47	0.00652	159.10	137.89	0.00647

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00639	156.27	140.71	0.00630
154.86	142.13	0.00619	142.13	154.86	0.00212
140.71	156.27	0.00206	139.30	157.68	0.00201
137.89	159.10	0.00196	136.47	160.51	0.00192
134.35	162.63	0.00184	130.81	166.17	0.00171
127.28	169.71	0.00158	120.21	176.78	0.00135
113.14	183.85	0.00116	106.07	190.92	0.00100
99.00	197.99	0.00088	91.92	205.06	0.00078
84.85	212.13	0.00069	77.78	219.20	0.00062
212.13	70.71	0.00334	205.06	77.78	0.00368
197.99	84.85	0.00407	190.92	91.92	0.00452
183.85	98.99	0.00504	176.78	106.07	0.00562
169.71	113.14	0.00621	162.63	120.21	0.00673
159.10	123.74	0.00689	155.56	127.28	0.00694

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

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

14:58:12

**MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00689	152.03	130.81	0.00681
150.61	132.23	0.00670	149.20	133.64	0.00657
147.79	135.06	0.00644	135.06	147.79	0.00233
133.64	149.20	0.00227	132.23	150.61	0.00222
130.81	152.03	0.00218	129.40	153.44	0.00215
127.28	155.56	0.00209	123.74	159.10	0.00197
120.21	162.63	0.00184	113.14	169.71	0.00159
106.07	176.78	0.00136	98.99	183.85	0.00116
91.92	190.92	0.00101	84.85	197.99	0.00089
77.78	205.06	0.00079	70.71	212.13	0.00070
205.06	63.64	0.00358	197.99	70.71	0.00394
190.92	77.78	0.00435	183.85	84.85	0.00483
176.78	91.92	0.00537	169.71	98.99	0.00595
162.63	106.07	0.00655	155.56	113.14	0.00704
152.03	116.67	0.00716	148.49	120.21	0.00716
146.37	122.33	0.00709	144.96	123.74	0.00701
143.54	125.16	0.00689	142.13	126.57	0.00675
140.71	127.99	0.00661	127.99	140.71	0.00250
126.57	142.13	0.00244	125.16	143.54	0.00239
123.74	144.96	0.00234	122.33	146.37	0.00230

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00224	116.67	152.03	0.00213
113.14	155.56	0.00201	106.07	162.63	0.00176
98.99	169.71	0.00152	91.92	176.78	0.00131
84.85	183.85	0.00114	77.78	190.92	0.00099
70.71	197.99	0.00087	63.64	205.06	0.00078
197.99	56.57	0.00377	190.92	63.64	0.00414
183.85	70.71	0.00457	176.78	77.78	0.00505
169.71	84.85	0.00560	162.63	91.92	0.00619
155.56	98.99	0.00677	148.49	106.07	0.00722
144.96	109.60	0.00733	141.42	113.14	0.00732
139.30	115.26	0.00723	137.89	116.67	0.00715
136.47	118.09	0.00703	135.06	119.50	0.00689
133.64	120.92	0.00674	120.92	133.64	0.00263
119.50	135.06	0.00257	118.09	136.47	0.00252
116.67	137.89	0.00247	115.26	139.30	0.00243
113.14	141.42	0.00236	109.60	144.96	0.00225
106.07	148.49	0.00213	98.99	155.56	0.00188
91.92	162.63	0.00164	84.85	169.71	0.00143
77.78	176.78	0.00124	70.71	183.85	0.00109
63.64	190.92	0.00096	56.57	197.99	0.00085

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

14:58:12
 **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	0.00392	183.85	56.57	0.00430
176.78	63.64	0.00473	169.71	70.71	0.00523
162.63	77.78	0.00578	155.56	84.85	0.00636
148.49	91.92	0.00692	141.42	98.99	0.00734
137.89	102.53	0.00745	134.35	106.07	0.00744
132.23	108.19	0.00735	130.81	109.60	0.00726
129.40	111.02	0.00714	127.99	112.43	0.00699
126.57	113.84	0.00683	113.84	126.57	0.00274
112.43	127.99	0.00268	111.02	129.40	0.00263
109.60	130.81	0.00258	108.19	132.23	0.00254
106.07	134.35	0.00247	102.53	137.89	0.00235
98.99	141.42	0.00222	91.92	148.49	0.00198
84.85	155.56	0.00174	77.78	162.63	0.00152
70.71	169.71	0.00133	63.64	176.78	0.00117

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00103	49.50	190.92	0.00092
183.85	42.43	0.00404	176.78	49.50	0.00442
169.71	56.57	0.00486	162.63	63.64	0.00536
155.56	70.71	0.00591	148.49	77.78	0.00648
141.42	84.85	0.00702	134.35	91.92	0.00744
130.81	95.46	0.00754	127.28	98.99	0.00753
125.16	101.12	0.00744	123.74	102.53	0.00735
122.33	103.94	0.00722	120.92	105.36	0.00707
119.50	106.77	0.00691	106.77	119.50	0.00283
105.36	120.92	0.00277	103.94	122.33	0.00272
102.53	123.74	0.00267	101.12	125.16	0.00263
98.99	127.28	0.00256	95.46	130.81	0.00243
91.92	134.35	0.00230	84.85	141.42	0.00205
77.78	148.49	0.00181	70.71	155.56	0.00159
63.64	162.63	0.00140	56.57	169.71	0.00124
49.50	176.78	0.00109	42.43	183.85	0.00098
176.78	35.36	0.00414	169.71	42.43	0.00453
162.63	49.50	0.00497	155.56	56.57	0.00546
148.49	63.64	0.00600	141.42	70.71	0.00656
134.35	77.78	0.00710	127.28	84.85	0.00752
123.74	88.39	0.00762	120.21	91.92	0.00760
118.09	94.05	0.00752	116.67	95.46	0.00742
115.26	96.87	0.00729	113.84	98.29	0.00714
112.43	99.70	0.00698	99.70	112.43	0.00291
98.29	113.84	0.00284	96.87	115.26	0.00279
95.46	116.67	0.00275	94.05	118.09	0.00270

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

14:58:12
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00263	88.39	123.74	0.00251
84.85	127.28	0.00237	77.78	134.35	0.00211
70.71	141.42	0.00186	63.64	148.49	0.00165
56.57	155.56	0.00146	49.50	162.63	0.00129
42.43	169.71	0.00115	35.36	176.78	0.00102
169.71	28.28	0.00422	162.63	35.36	0.00461
155.56	42.43	0.00505	148.49	49.50	0.00554
141.42	56.57	0.00607	134.35	63.64	0.00662

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00716	120.21	77.78	0.00758
116.67	81.32	0.00769	113.14	84.85	0.00767
111.02	86.97	0.00758	109.60	88.39	0.00749
108.19	89.80	0.00736	106.77	91.22	0.00721
105.36	92.63	0.00703	92.63	105.36	0.00297
91.22	106.77	0.00290	89.80	108.19	0.00285
88.39	109.60	0.00281	86.97	111.02	0.00276
84.85	113.14	0.00269	81.32	116.67	0.00257
77.78	120.21	0.00243	70.71	127.28	0.00216
63.64	134.35	0.00191	56.57	141.42	0.00169
49.50	148.49	0.00150	42.43	155.56	0.00133
35.36	162.63	0.00119	28.28	169.71	0.00107
162.63	21.21	0.00429	155.56	28.28	0.00468
148.49	35.36	0.00512	141.42	42.43	0.00560
134.35	49.50	0.00612	127.28	56.57	0.00668
120.21	63.64	0.00721	113.14	70.71	0.00763
109.60	74.25	0.00774	106.07	77.78	0.00771
103.94	79.90	0.00762	102.53	81.32	0.00752
101.12	82.73	0.00740	99.70	84.15	0.00728
98.29	85.56	0.00712	85.56	98.29	0.00302
84.15	99.70	0.00295	82.73	101.12	0.00290
81.32	102.53	0.00286	79.90	103.94	0.00281
77.78	106.07	0.00274	74.25	109.60	0.00262
70.71	113.14	0.00248	63.64	120.21	0.00221
56.57	127.28	0.00195	49.50	134.35	0.00173
42.43	141.42	0.00154	35.36	148.49	0.00137
28.28	155.56	0.00123	21.21	162.63	0.00110
155.56	14.14	0.00435	148.49	21.21	0.00473
141.42	28.28	0.00516	134.35	35.36	0.00564
127.28	42.43	0.00617	120.21	49.50	0.00672
113.14	56.57	0.00726	106.07	63.64	0.00767
102.53	67.18	0.00777	98.99	70.71	0.00776

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

14:58:12
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00766	95.46	74.25	0.00756
94.05	75.66	0.00743	92.63	77.07	0.00730

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00715	78.49	91.22	0.00305
77.07	92.63	0.00299	75.66	94.05	0.00294
74.25	95.46	0.00290	72.83	96.87	0.00286
70.71	98.99	0.00279	67.18	102.53	0.00266
63.64	106.07	0.00252	56.57	113.14	0.00225
49.50	120.21	0.00199	42.43	127.28	0.00176
35.36	134.35	0.00157	28.28	141.42	0.00140
21.21	148.49	0.00126	14.14	155.56	0.00113
148.49	7.07	0.00439	141.42	14.14	0.00477
134.35	21.21	0.00520	127.28	28.28	0.00568
120.21	35.36	0.00621	113.14	42.43	0.00676
106.07	49.50	0.00730	98.99	56.57	0.00771
95.46	60.10	0.00780	91.92	63.64	0.00779
89.80	65.76	0.00770	88.39	67.18	0.00760
86.97	68.59	0.00747	85.56	70.00	0.00732
84.15	71.42	0.00717	71.42	84.15	0.00308
70.00	85.56	0.00302	68.59	86.97	0.00298
67.18	88.39	0.00293	65.76	89.80	0.00289
63.64	91.92	0.00282	60.10	95.46	0.00270
56.57	98.99	0.00256	49.50	106.07	0.00228
42.43	113.14	0.00202	35.36	120.21	0.00179
28.28	127.28	0.00160	21.21	134.35	0.00143
14.14	141.42	0.00128	7.07	148.49	0.00116
141.42	0.00	0.00442	134.35	7.07	0.00481
127.28	14.14	0.00523	120.21	21.21	0.00571
113.14	28.28	0.00624	106.07	35.36	0.00679
98.99	42.43	0.00733	91.92	49.50	0.00774
88.39	53.03	0.00784	84.85	56.57	0.00781
82.73	58.69	0.00772	81.32	60.10	0.00763
79.90	61.52	0.00750	78.49	62.93	0.00735
77.07	64.35	0.00719	64.35	77.07	0.00311
62.93	78.49	0.00305	61.52	79.90	0.00301
60.10	81.32	0.00296	58.69	82.73	0.00292
56.57	84.85	0.00285	53.03	88.39	0.00273
49.50	91.92	0.00259	42.43	98.99	0.00232
35.36	106.07	0.00205	28.28	113.14	0.00182
21.21	120.21	0.00162	14.14	127.28	0.00145
7.07	134.35	0.00130	0.00	141.42	0.00118

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

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

14:58:12
 **MODELOPTs:
 PAGE 129

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	0.00445	127.28	0.00	0.00483
120.21	7.07	0.00526	113.14	14.14	0.00574
106.07	21.21	0.00627	98.99	28.28	0.00682
91.92	35.36	0.00736	84.85	42.43	0.00777
81.32	45.96	0.00786	77.78	49.50	0.00784
75.66	51.62	0.00774	74.25	53.03	0.00765
72.83	54.45	0.00752	71.42	55.86	0.00737
70.00	57.28	0.00721	57.28	70.00	0.00314
55.86	71.42	0.00308	54.45	72.83	0.00303
53.03	74.25	0.00299	51.62	75.66	0.00295
49.50	77.78	0.00288	45.96	81.32	0.00276
42.43	84.85	0.00262	35.36	91.92	0.00234
28.28	98.99	0.00208	21.21	106.07	0.00184
14.14	113.14	0.00164	7.07	120.21	0.00147
0.00	127.28	0.00132	-7.07	134.35	0.00120
127.28	-14.14	0.00448	120.21	-7.07	0.00486
113.14	0.00	0.00528	106.07	7.07	0.00576
98.99	14.14	0.00629	91.92	21.21	0.00685
84.85	28.28	0.00738	77.78	35.36	0.00779
74.25	38.89	0.00789	70.71	42.43	0.00786
68.59	44.55	0.00777	67.18	45.96	0.00767
65.76	47.38	0.00754	64.35	48.79	0.00739
62.93	50.20	0.00722	50.20	62.93	0.00316
48.79	64.35	0.00310	47.38	65.76	0.00306
45.96	67.18	0.00301	44.55	68.59	0.00297
42.43	70.71	0.00290	38.89	74.25	0.00278
35.36	77.78	0.00264	28.28	84.85	0.00237
21.21	91.92	0.00210	14.14	98.99	0.00187
7.07	106.07	0.00166	0.00	113.14	0.00149
-7.07	120.21	0.00134	-14.14	127.28	0.00121
120.21	-21.21	0.00450	113.14	-14.14	0.00487
106.07	-7.07	0.00530	98.99	0.00	0.00578
91.92	7.07	0.00631	84.85	14.14	0.00686
77.78	21.21	0.00740	70.71	28.28	0.00781
67.18	31.82	0.00790	63.64	35.36	0.00788
61.52	37.48	0.00779	60.10	38.89	0.00769
58.69	40.31	0.00756	57.28	41.72	0.00740
55.86	43.13	0.00724	43.13	55.86	0.00319
41.72	57.28	0.00312	40.31	58.69	0.00308
38.89	60.10	0.00304	37.48	61.52	0.00299

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

*** NCRA Cumulative DPM Impacts

14:58:12

**MODELOPTS:

PAGE 130

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

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00292	31.82	67.18	0.00280
28.28	70.71	0.00266	21.21	77.78	0.00239
14.14	84.85	0.00212	7.07	91.92	0.00189
0.00	98.99	0.00168	-7.07	106.07	0.00150
-14.14	113.14	0.00136	-21.21	120.21	0.00123
113.14	-28.28	0.00451	106.07	-21.21	0.00489
98.99	-14.14	0.00532	91.92	-7.07	0.00580
84.85	0.00	0.00633	77.78	7.07	0.00688
70.71	14.14	0.00742	63.64	21.21	0.00783
60.10	24.75	0.00792	56.57	28.28	0.00790
54.45	30.41	0.00780	53.03	31.82	0.00770
51.62	33.23	0.00758	50.20	34.65	0.00742
48.79	36.06	0.00725	36.06	48.79	0.00321
34.65	50.20	0.00314	33.23	51.62	0.00309
31.82	53.03	0.00305	30.41	54.45	0.00301
28.28	56.57	0.00294	24.75	60.10	0.00282
21.21	63.64	0.00268	14.14	70.71	0.00240
7.07	77.78	0.00214	0.00	84.85	0.00190
-7.07	91.92	0.00170	-14.14	98.99	0.00152
-21.21	106.07	0.00137	-28.28	113.14	0.00124
106.07	-35.36	0.00453	98.99	-28.28	0.00491
91.92	-21.21	0.00534	84.85	-14.14	0.00582
77.78	-7.07	0.00634	70.71	0.00	0.00690
63.64	7.07	0.00743	56.57	14.14	0.00784
53.03	17.68	0.00794	49.50	21.21	0.00791
47.38	23.33	0.00783	45.96	24.75	0.00773
44.55	26.16	0.00760	43.13	27.58	0.00745
41.72	28.99	0.00727	28.99	41.72	0.00322
27.58	43.13	0.00316	26.16	44.55	0.00311
24.75	45.96	0.00307	23.33	47.38	0.00302
21.21	49.50	0.00296	17.68	53.03	0.00283
14.14	56.57	0.00270	7.07	63.64	0.00242
0.00	70.71	0.00216	-7.07	77.78	0.00192
-14.14	84.85	0.00171	-21.21	91.92	0.00153

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00138	-35.36	106.07	0.00125
98.99	-42.43	0.00454	91.92	-35.36	0.00492
84.85	-28.28	0.00535	77.78	-21.21	0.00583
70.71	-14.14	0.00636	63.64	-7.07	0.00691
56.57	0.00	0.00744	49.50	7.07	0.00785
45.96	10.61	0.00795	42.43	14.14	0.00792

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

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

14:58:12
 **MODELOPTs:
 PAGE 131

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00783	38.89	17.68	0.00772
37.48	19.09	0.00760	36.06	20.51	0.00748
34.65	21.92	0.00733	21.92	34.65	0.00324
20.51	36.06	0.00317	19.09	37.48	0.00312
17.68	38.89	0.00308	16.26	40.31	0.00304
14.14	42.43	0.00297	10.61	45.96	0.00285
7.07	49.50	0.00271	0.00	56.57	0.00243
-7.07	63.64	0.00217	-14.14	70.71	0.00193
-21.21	77.78	0.00172	-28.28	84.85	0.00155
-35.36	91.92	0.00139	-42.43	98.99	0.00126
91.92	-49.50	0.00455	84.85	-42.43	0.00493
77.78	-35.36	0.00536	70.71	-28.28	0.00584
63.64	-21.21	0.00637	56.57	-14.14	0.00692
49.50	-7.07	0.00745	42.43	0.00	0.00786
38.89	3.54	0.00795	35.36	7.07	0.00794
33.23	9.19	0.00784	31.82	10.61	0.00774
30.41	12.02	0.00761	28.99	13.44	0.00747
27.58	14.85	0.00732	14.85	27.58	0.00324
13.44	28.99	0.00318	12.02	30.41	0.00314
10.61	31.82	0.00309	9.19	33.23	0.00305
7.07	35.36	0.00298	3.54	38.89	0.00286
0.00	42.43	0.00272	-7.07	49.50	0.00245
-14.14	56.57	0.00218	-21.21	63.64	0.00194
-28.28	70.71	0.00174	-35.36	77.78	0.00156
-42.43	84.85	0.00140	-49.50	91.92	0.00127
84.85	-56.57	0.00455	77.78	-49.50	0.00494
70.71	-42.43	0.00537	63.64	-35.36	0.00585
56.57	-28.28	0.00638	49.50	-21.21	0.00693

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00746	35.36	-7.07	0.00787
31.82	-3.54	0.00796	28.28	0.00	0.00794
26.16	2.12	0.00785	24.75	3.54	0.00775
23.33	4.95	0.00762	21.92	6.36	0.00747
20.51	7.78	0.00732	7.78	20.51	0.00325
6.36	21.92	0.00319	4.95	23.33	0.00314
3.54	24.75	0.00310	2.12	26.16	0.00306
0.00	28.28	0.00299	-3.54	31.82	0.00287
-7.07	35.36	0.00273	-14.14	42.43	0.00246
-21.21	49.50	0.00219	-28.28	56.57	0.00195
-35.36	63.64	0.00175	-42.43	70.71	0.00157
-49.50	77.78	0.00141	-56.57	84.85	0.00128

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

14:58:12
 **MODELOPTs:
 PAGE 132

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	0.00456	70.71	-56.57	0.00494
63.64	-49.50	0.00537	56.57	-42.43	0.00586
49.50	-35.36	0.00638	42.43	-28.28	0.00694
35.36	-21.21	0.00747	28.28	-14.14	0.00788
24.75	-10.61	0.00797	21.21	-7.07	0.00794
19.09	-4.95	0.00785	17.68	-3.54	0.00776
16.26	-2.12	0.00763	14.85	-0.71	0.00748
13.44	0.71	0.00733	0.71	13.44	0.00326
-0.71	14.85	0.00320	-2.12	16.26	0.00315
-3.54	17.68	0.00311	-4.95	19.09	0.00307
-7.07	21.21	0.00300	-10.61	24.75	0.00288
-14.14	28.28	0.00274	-21.21	35.36	0.00247
-28.28	42.43	0.00220	-35.36	49.50	0.00196
-42.43	56.57	0.00176	-49.50	63.64	0.00158
-56.57	70.71	0.00142	-63.64	77.78	0.00129
70.71	-70.71	0.00456	63.64	-63.64	0.00495
56.57	-56.57	0.00538	49.50	-49.50	0.00586
42.43	-42.43	0.00639	35.36	-35.36	0.00694
28.28	-28.28	0.00748	21.21	-21.21	0.00788
17.68	-17.68	0.00798	14.14	-14.14	0.00795
12.02	-12.02	0.00785	10.61	-10.61	0.00776
9.19	-9.19	0.00763	7.78	-7.78	0.00748

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00733	-6.36	6.36	0.00326
-7.78	7.78	0.00321	-9.19	9.19	0.00316
-10.61	10.61	0.00312	-12.02	12.02	0.00307
-14.14	14.14	0.00301	-17.68	17.68	0.00289
-21.21	21.21	0.00275	-28.28	28.28	0.00247
-35.36	35.36	0.00221	-42.43	42.43	0.00197
-49.50	49.50	0.00176	-56.57	56.57	0.00158
-63.64	63.64	0.00143	-70.71	70.71	0.00130
63.64	-77.78	0.00457	56.57	-70.71	0.00495
49.50	-63.64	0.00538	42.43	-56.57	0.00586
35.36	-49.50	0.00639	28.28	-42.43	0.00695
21.21	-35.36	0.00748	14.14	-28.28	0.00789
10.61	-24.75	0.00798	7.07	-21.21	0.00796
4.95	-19.09	0.00786	3.54	-17.68	0.00776
2.12	-16.26	0.00764	0.71	-14.85	0.00749
-0.71	-13.44	0.00732	-13.44	-0.71	0.00327
-14.85	0.71	0.00321	-16.26	2.12	0.00317
-17.68	3.54	0.00312	-19.09	4.95	0.00308

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

14:58:12
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00301	-24.75	10.61	0.00289
-28.28	14.14	0.00276	-35.36	21.21	0.00248
-42.43	28.28	0.00222	-49.50	35.36	0.00198
-56.57	42.43	0.00177	-63.64	49.50	0.00159
-70.71	56.57	0.00144	-77.78	63.64	0.00130
56.57	-84.85	0.00456	49.50	-77.78	0.00495
42.43	-70.71	0.00538	35.36	-63.64	0.00587
28.28	-56.57	0.00640	21.21	-49.50	0.00695
14.14	-42.43	0.00749	7.07	-35.36	0.00789
3.54	-31.82	0.00799	0.00	-28.28	0.00796
-2.12	-26.16	0.00787	-3.54	-24.75	0.00777
-4.95	-23.33	0.00764	-6.36	-21.92	0.00749
-7.78	-20.51	0.00732	-20.51	-7.78	0.00328
-21.92	-6.36	0.00322	-23.33	-4.95	0.00317
-24.75	-3.54	0.00313	-26.16	-2.12	0.00309
-28.28	0.00	0.00302	-31.82	3.54	0.00290

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00276	-42.43	14.14	0.00249
-49.50	21.21	0.00222	-56.57	28.28	0.00198
-63.64	35.36	0.00178	-70.71	42.43	0.00160
-77.78	49.50	0.00144	-84.85	56.57	0.00131
49.50	-91.92	0.00456	42.43	-84.85	0.00495
35.36	-77.78	0.00538	28.28	-70.71	0.00587
21.21	-63.64	0.00640	14.14	-56.57	0.00695
7.07	-49.50	0.00749	0.00	-42.43	0.00789
-3.54	-38.89	0.00799	-7.07	-35.36	0.00797
-9.19	-33.23	0.00787	-10.61	-31.82	0.00777
-12.02	-30.41	0.00765	-13.44	-28.99	0.00749
-14.85	-27.58	0.00733	-27.58	-14.85	0.00328
-28.99	-13.44	0.00322	-30.41	-12.02	0.00317
-31.82	-10.61	0.00313	-33.23	-9.19	0.00309
-35.36	-7.07	0.00302	-38.89	-3.54	0.00290
-42.43	0.00	0.00277	-49.50	7.07	0.00249
-56.57	14.14	0.00223	-63.64	21.21	0.00199
-70.71	28.28	0.00178	-77.78	35.36	0.00160
-84.85	42.43	0.00145	-91.92	49.50	0.00131
42.43	-98.99	0.00456	35.36	-91.92	0.00494
28.28	-84.85	0.00538	21.21	-77.78	0.00586
14.14	-70.71	0.00639	7.07	-63.64	0.00695
0.00	-56.57	0.00749	-7.07	-49.50	0.00789
-10.61	-45.96	0.00799	-14.14	-42.43	0.00797

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

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

14:58:12

**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	0.00788	-17.68	-38.89	0.00779
-19.09	-37.48	0.00766	-20.51	-36.06	0.00751
-21.92	-34.65	0.00733	-34.65	-21.92	0.00329
-36.06	-20.51	0.00323	-37.48	-19.09	0.00318
-38.89	-17.68	0.00313	-40.31	-16.26	0.00309
-42.43	-14.14	0.00303	-45.96	-10.61	0.00290
-49.50	-7.07	0.00277	-56.57	0.00	0.00249
-63.64	7.07	0.00223	-70.71	14.14	0.00199
-77.78	21.21	0.00178	-84.85	28.28	0.00161
-91.92	35.36	0.00145	-98.99	42.43	0.00132

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00455	28.28	-98.99	0.00494
21.21	-91.92	0.00537	14.14	-84.85	0.00586
7.07	-77.78	0.00639	0.00	-70.71	0.00695
-7.07	-63.64	0.00748	-14.14	-56.57	0.00789
-17.68	-53.03	0.00799	-21.21	-49.50	0.00797
-23.33	-47.38	0.00787	-24.75	-45.96	0.00777
-26.16	-44.55	0.00765	-27.58	-43.13	0.00753
-28.99	-41.72	0.00737	-41.72	-28.99	0.00329
-43.13	-27.58	0.00323	-44.55	-26.16	0.00318
-45.96	-24.75	0.00314	-47.38	-23.33	0.00309
-49.50	-21.21	0.00303	-53.03	-17.68	0.00291
-56.57	-14.14	0.00277	-63.64	-7.07	0.00249
-70.71	0.00	0.00223	-77.78	7.07	0.00199
-84.85	14.14	0.00179	-91.92	21.21	0.00161
-98.99	28.28	0.00145	-106.07	35.36	0.00132
28.28	-113.14	0.00454	21.21	-106.07	0.00493
14.14	-98.99	0.00537	7.07	-91.92	0.00585
0.00	-84.85	0.00639	-7.07	-77.78	0.00695
-14.14	-70.71	0.00748	-21.21	-63.64	0.00789
-24.75	-60.10	0.00799	-28.28	-56.57	0.00797
-30.41	-54.45	0.00787	-31.82	-53.03	0.00777
-33.23	-51.62	0.00764	-34.65	-50.20	0.00751
-36.06	-48.79	0.00736	-48.79	-36.06	0.00328
-50.20	-34.65	0.00323	-51.62	-33.23	0.00318
-53.03	-31.82	0.00314	-54.45	-30.41	0.00310
-56.57	-28.28	0.00303	-60.10	-24.75	0.00291
-63.64	-21.21	0.00277	-70.71	-14.14	0.00250
-77.78	-7.07	0.00223	-84.85	0.00	0.00200
-91.92	7.07	0.00179	-98.99	14.14	0.00161
-106.07	21.21	0.00146	-113.14	28.28	0.00132

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

14:58:12
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00452	14.14	-113.14	0.00491
7.07	-106.07	0.00535	0.00	-98.99	0.00584
-7.07	-91.92	0.00638	-14.14	-84.85	0.00694
-21.21	-77.78	0.00748	-28.28	-70.71	0.00789

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00798	-35.36	-63.64	0.00796
-37.48	-61.52	0.00788	-38.89	-60.10	0.00778
-40.31	-58.69	0.00764	-41.72	-57.28	0.00749
-43.13	-55.86	0.00735	-55.86	-43.13	0.00328
-57.28	-41.72	0.00322	-58.69	-40.31	0.00318
-60.10	-38.89	0.00314	-61.52	-37.48	0.00310
-63.64	-35.36	0.00303	-67.18	-31.82	0.00290
-70.71	-28.28	0.00277	-77.78	-21.21	0.00250
-84.85	-14.14	0.00223	-91.92	-7.07	0.00200
-98.99	0.00	0.00179	-106.07	7.07	0.00161
-113.14	14.14	0.00146	-120.21	21.21	0.00133
14.14	-127.28	0.00451	7.07	-120.21	0.00490
0.00	-113.14	0.00534	-7.07	-106.07	0.00583
-14.14	-98.99	0.00637	-21.21	-91.92	0.00693
-28.28	-84.85	0.00747	-35.36	-77.78	0.00788
-38.89	-74.25	0.00798	-42.43	-70.71	0.00795
-44.55	-68.59	0.00786	-45.96	-67.18	0.00777
-47.38	-65.76	0.00765	-48.79	-64.35	0.00749
-50.20	-62.93	0.00734	-62.93	-50.20	0.00328
-64.35	-48.79	0.00322	-65.76	-47.38	0.00317
-67.18	-45.96	0.00313	-68.59	-44.55	0.00309
-70.71	-42.43	0.00303	-74.25	-38.89	0.00290
-77.78	-35.36	0.00277	-84.85	-28.28	0.00249
-91.92	-21.21	0.00223	-98.99	-14.14	0.00200
-106.07	-7.07	0.00179	-113.14	0.00	0.00161
-120.21	7.07	0.00146	-127.28	14.14	0.00133
7.07	-134.35	0.00448	0.00	-127.28	0.00488
-7.07	-120.21	0.00532	-14.14	-113.14	0.00581
-21.21	-106.07	0.00635	-28.28	-98.99	0.00692
-35.36	-91.92	0.00746	-42.43	-84.85	0.00787
-45.96	-81.32	0.00797	-49.50	-77.78	0.00795
-51.62	-75.66	0.00785	-53.03	-74.25	0.00776
-54.45	-72.83	0.00763	-55.86	-71.42	0.00749
-57.28	-70.00	0.00733	-70.00	-57.28	0.00327
-71.42	-55.86	0.00322	-72.83	-54.45	0.00317
-74.25	-53.03	0.00313	-75.66	-51.62	0.00309

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

14:58:12
 **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 ***

14NCRA_PL94-300_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	0.00302	-81.32	-45.96	0.00290
-84.85	-42.43	0.00277	-91.92	-35.36	0.00249
-98.99	-28.28	0.00223	-106.07	-21.21	0.00199
-113.14	-14.14	0.00179	-120.21	-7.07	0.00161
-127.28	0.00	0.00146	-134.35	7.07	0.00133
0.00	-141.42	0.00445	-7.07	-134.35	0.00485
-14.14	-127.28	0.00529	-21.21	-120.21	0.00579
-28.28	-113.14	0.00633	-35.36	-106.07	0.00690
-42.43	-98.99	0.00745	-49.50	-91.92	0.00786
-53.03	-88.39	0.00796	-56.57	-84.85	0.00794
-58.69	-82.73	0.00785	-60.10	-81.32	0.00775
-61.52	-79.90	0.00762	-62.93	-78.49	0.00748
-64.35	-77.07	0.00731	-77.07	-64.35	0.00327
-78.49	-62.93	0.00321	-79.90	-61.52	0.00317
-81.32	-60.10	0.00312	-82.73	-58.69	0.00308
-84.85	-56.57	0.00302	-88.39	-53.03	0.00289
-91.92	-49.50	0.00276	-98.99	-42.43	0.00249
-106.07	-35.36	0.00222	-113.14	-28.28	0.00199
-120.21	-21.21	0.00179	-127.28	-14.14	0.00161
-134.35	-7.07	0.00146	-141.42	0.00	0.00133
-7.07	-148.49	0.00441	-14.14	-141.42	0.00481
-21.21	-134.35	0.00526	-28.28	-127.28	0.00576
-35.36	-120.21	0.00630	-42.43	-113.14	0.00688
-49.50	-106.07	0.00743	-56.57	-98.99	0.00785
-60.10	-95.46	0.00795	-63.64	-91.92	0.00793
-65.76	-89.80	0.00784	-67.18	-88.39	0.00774
-68.59	-86.97	0.00762	-70.00	-85.56	0.00746
-71.42	-84.15	0.00730	-84.15	-71.42	0.00326
-85.56	-70.00	0.00320	-86.97	-68.59	0.00316
-88.39	-67.18	0.00312	-89.80	-65.76	0.00308
-91.92	-63.64	0.00301	-95.46	-60.10	0.00289
-98.99	-56.57	0.00275	-106.07	-49.50	0.00248
-113.14	-42.43	0.00222	-120.21	-35.36	0.00199
-127.28	-28.28	0.00178	-134.35	-21.21	0.00161
-141.42	-14.14	0.00145	-148.49	-7.07	0.00132
-14.14	-155.56	0.00436	-21.21	-148.49	0.00477
-28.28	-141.42	0.00522	-35.36	-134.35	0.00572
-42.43	-127.28	0.00627	-49.50	-120.21	0.00685
-56.57	-113.14	0.00740	-63.64	-106.07	0.00783
-67.18	-102.53	0.00794	-70.71	-98.99	0.00792

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

*** NCRA Cumulative DPM Impacts

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

14:58:12
 **MODELOPTs:
 PAGE 137

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	0.00783	-74.25	-95.46	0.00773	
-75.66	-94.05	0.00760	-77.07	-92.63	0.00745	
-78.49	-91.22	0.00729	-91.22	-78.49	0.00326	
-92.63	-77.07	0.00319	-94.05	-75.66	0.00315	
-95.46	-74.25	0.00311	-96.87	-72.83	0.00306	
-98.99	-70.71	0.00300	-102.53	-67.18	0.00288	
-106.07	-63.64	0.00274	-113.14	-56.57	0.00247	
-120.21	-49.50	0.00221	-127.28	-42.43	0.00198	
-134.35	-35.36	0.00178	-141.42	-28.28	0.00160	
-148.49	-21.21	0.00145	-155.56	-14.14	0.00132	
-21.21	-162.63	0.00430	-28.28	-155.56	0.00471	
-35.36	-148.49	0.00516	-42.43	-141.42	0.00567	
-49.50	-134.35	0.00622	-56.57	-127.28	0.00681	
-63.64	-120.21	0.00737	-70.71	-113.14	0.00780	
-74.25	-109.60	0.00791	-77.78	-106.07	0.00790	
-79.90	-103.94	0.00782	-81.32	-102.53	0.00772	
-82.73	-101.12	0.00760	-84.15	-99.70	0.00745	
-85.56	-98.29	0.00727	-98.29	-85.56	0.00324	
-99.70	-84.15	0.00318	-101.12	-82.73	0.00313	
-102.53	-81.32	0.00309	-103.94	-79.90	0.00305	
-106.07	-77.78	0.00299	-109.60	-74.25	0.00286	
-113.14	-70.71	0.00273	-120.21	-63.64	0.00246	
-127.28	-56.57	0.00220	-134.35	-49.50	0.00197	
-141.42	-42.43	0.00177	-148.49	-35.36	0.00160	
-155.56	-28.28	0.00144	-162.63	-21.21	0.00131	
-28.28	-169.71	0.00422	-35.36	-162.63	0.00463	
-42.43	-155.56	0.00509	-49.50	-148.49	0.00560	
-56.57	-141.42	0.00616	-63.64	-134.35	0.00675	
-70.71	-127.28	0.00732	-77.78	-120.21	0.00776	
-81.32	-116.67	0.00788	-84.85	-113.14	0.00787	
-86.97	-111.02	0.00778	-88.39	-109.60	0.00768	
-89.80	-108.19	0.00756	-91.22	-106.77	0.00744	
-92.63	-105.36	0.00729	-105.36	-92.63	0.00323	
-106.77	-91.22	0.00317	-108.19	-89.80	0.00312	
-109.60	-88.39	0.00307	-111.02	-86.97	0.00303	
-113.14	-84.85	0.00297	-116.67	-81.32	0.00285	

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00271	-127.28	-70.71	0.00245
-134.35	-63.64	0.00219	-141.42	-56.57	0.00196
-148.49	-49.50	0.00176	-155.56	-42.43	0.00159
-162.63	-35.36	0.00143	-169.71	-28.28	0.00130

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

14:58:12
 **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	0.00412	-42.43	-169.71	0.00453
-49.50	-162.63	0.00499	-56.57	-155.56	0.00551
-63.64	-148.49	0.00608	-70.71	-141.42	0.00668
-77.78	-134.35	0.00726	-84.85	-127.28	0.00771
-88.39	-123.74	0.00783	-91.92	-120.21	0.00783
-94.05	-118.09	0.00775	-95.46	-116.67	0.00765
-96.87	-115.26	0.00753	-98.29	-113.84	0.00739
-99.70	-112.43	0.00725	-112.43	-99.70	0.00319
-113.84	-98.29	0.00314	-115.26	-96.87	0.00309
-116.67	-95.46	0.00305	-118.09	-94.05	0.00301
-120.21	-91.92	0.00295	-123.74	-88.39	0.00283
-127.28	-84.85	0.00269	-134.35	-77.78	0.00243
-141.42	-70.71	0.00218	-148.49	-63.64	0.00195
-155.56	-56.57	0.00175	-162.63	-49.50	0.00157
-169.71	-42.43	0.00142	-176.78	-35.36	0.00129
-42.43	-183.85	0.00399	-49.50	-176.78	0.00440
-56.57	-169.71	0.00486	-63.64	-162.63	0.00539
-70.71	-155.56	0.00597	-77.78	-148.49	0.00658
-84.85	-141.42	0.00718	-91.92	-134.35	0.00765
-95.46	-130.81	0.00777	-98.99	-127.28	0.00778
-101.12	-125.16	0.00771	-102.53	-123.74	0.00762
-103.94	-122.33	0.00749	-105.36	-120.92	0.00734
-106.77	-119.50	0.00720	-119.50	-106.77	0.00316
-120.92	-105.36	0.00311	-122.33	-103.94	0.00306
-123.74	-102.53	0.00302	-125.16	-101.12	0.00298
-127.28	-98.99	0.00292	-130.81	-95.46	0.00280
-134.35	-91.92	0.00267	-141.42	-84.85	0.00241
-148.49	-77.78	0.00216	-155.56	-70.71	0.00193
-162.63	-63.64	0.00173	-169.71	-56.57	0.00156
-176.78	-49.50	0.00140	-183.85	-42.43	0.00127

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00383	-56.57	-183.85	0.00423
-63.64	-176.78	0.00469	-70.71	-169.71	0.00521
-77.78	-162.63	0.00580	-84.85	-155.56	0.00643
-91.92	-148.49	0.00705	-98.99	-141.42	0.00755
-102.53	-137.89	0.00768	-106.07	-134.35	0.00770
-108.19	-132.23	0.00763	-109.60	-130.81	0.00755
-111.02	-129.40	0.00744	-112.43	-127.99	0.00729
-113.84	-126.57	0.00715	-126.57	-113.84	0.00312
-127.99	-112.43	0.00307	-129.40	-111.02	0.00303
-130.81	-109.60	0.00299	-132.23	-108.19	0.00295

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

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

14:58:12

**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	0.00288	-137.89	-102.53	0.00277
-141.42	-98.99	0.00264	-148.49	-91.92	0.00238
-155.56	-84.85	0.00213	-162.63	-77.78	0.00191
-169.71	-70.71	0.00171	-176.78	-63.64	0.00153
-183.85	-56.57	0.00138	-190.92	-49.50	0.00125
-56.57	-197.99	0.00363	-63.64	-190.92	0.00401
-70.71	-183.85	0.00446	-77.78	-176.78	0.00498
-84.85	-169.71	0.00557	-91.92	-162.63	0.00621
-98.99	-155.56	0.00685	-106.07	-148.49	0.00739
-109.60	-144.96	0.00755	-113.14	-141.42	0.00758
-115.26	-139.30	0.00752	-116.67	-137.89	0.00745
-118.09	-136.47	0.00734	-119.50	-135.06	0.00721
-120.92	-133.64	0.00707	-133.64	-120.92	0.00307
-135.06	-119.50	0.00302	-136.47	-118.09	0.00298
-137.89	-116.67	0.00294	-139.30	-115.26	0.00290
-141.42	-113.14	0.00284	-144.96	-109.60	0.00273
-148.49	-106.07	0.00261	-155.56	-98.99	0.00235
-162.63	-91.92	0.00210	-169.71	-84.85	0.00187
-176.78	-77.78	0.00167	-183.85	-70.71	0.00150
-190.92	-63.64	0.00135	-197.99	-56.57	0.00122
-63.64	-205.06	0.00338	-70.71	-197.99	0.00374
-77.78	-190.92	0.00416	-84.85	-183.85	0.00466
-91.92	-176.78	0.00523	-98.99	-169.71	0.00587
-106.07	-162.63	0.00653	-113.14	-155.56	0.00712

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00731	-120.21	-148.49	0.00739
-122.33	-146.37	0.00736	-123.74	-144.96	0.00729
-125.16	-143.54	0.00720	-126.57	-142.13	0.00708
-127.99	-140.71	0.00694	-140.71	-127.99	0.00300
-142.13	-126.57	0.00295	-143.54	-125.16	0.00291
-144.96	-123.74	0.00287	-146.37	-122.33	0.00284
-148.49	-120.21	0.00278	-152.03	-116.67	0.00268
-155.56	-113.14	0.00256	-162.63	-106.07	0.00230
-169.71	-98.99	0.00205	-176.78	-91.92	0.00182
-183.85	-84.85	0.00163	-190.92	-77.78	0.00146
-197.99	-70.71	0.00131	-205.06	-63.64	0.00118
-70.71	-212.13	0.00309	-77.78	-205.06	0.00341
-84.85	-197.99	0.00379	-91.92	-190.92	0.00424
-98.99	-183.85	0.00476	-106.07	-176.78	0.00536
-113.14	-169.71	0.00601	-120.21	-162.63	0.00664
-123.74	-159.10	0.00688	-127.28	-155.56	0.00702

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

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

14:58:12
 **MODELOPTs:
 PAGE 140

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00703	-130.81	-152.03	0.00701
-132.23	-150.61	0.00694	-133.64	-149.20	0.00685
-135.06	-147.79	0.00674	-147.79	-135.06	0.00290
-149.20	-133.64	0.00285	-150.61	-132.23	0.00282
-152.03	-130.81	0.00279	-153.44	-129.40	0.00276
-155.56	-127.28	0.00270	-159.10	-123.74	0.00260
-162.63	-120.21	0.00248	-169.71	-113.14	0.00222
-176.78	-106.07	0.00197	-183.85	-98.99	0.00175
-190.92	-91.92	0.00156	-197.99	-84.85	0.00139
-205.06	-77.78	0.00125	-212.13	-70.71	0.00114
-77.78	-219.20	0.00276	-84.85	-212.13	0.00302
-91.92	-205.06	0.00334	-98.99	-197.99	0.00371
-106.07	-190.92	0.00414	-113.14	-183.85	0.00463
-120.21	-176.78	0.00519	-127.28	-169.71	0.00576
-130.81	-166.17	0.00603	-134.35	-162.63	0.00624
-136.47	-160.51	0.00632	-137.89	-159.10	0.00636
-139.30	-157.68	0.00636	-140.71	-156.27	0.00635
-142.13	-154.86	0.00631	-154.86	-142.13	0.00276

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-156.27	-140.71	0.00272	-157.68	-139.30	0.00269
-159.10	-137.89	0.00266	-160.51	-136.47	0.00263
-162.63	-134.35	0.00257	-166.17	-130.81	0.00246
-169.71	-127.28	0.00234	-176.78	-120.21	0.00209
-183.85	-113.14	0.00185	-190.92	-106.07	0.00164
-197.99	-98.99	0.00146	-205.06	-91.92	0.00131
-212.13	-84.85	0.00118	-219.20	-77.78	0.00107
-84.85	-226.27	0.00240	-91.92	-219.20	0.00261
-98.99	-212.13	0.00284	-106.07	-205.06	0.00310
-113.14	-197.99	0.00339	-120.21	-190.92	0.00371
-127.28	-183.85	0.00404	-134.35	-176.78	0.00434
-137.89	-173.24	0.00447	-141.42	-169.71	0.00458
-143.54	-167.58	0.00465	-144.96	-166.17	0.00470
-146.37	-164.76	0.00476	-147.79	-163.34	0.00484
-149.20	-161.93	0.00497	-161.93	-149.20	0.00251
-163.34	-147.79	0.00245	-164.76	-146.37	0.00241
-166.17	-144.96	0.00237	-167.58	-143.54	0.00233
-169.71	-141.42	0.00228	-173.24	-137.89	0.00218
-176.78	-134.35	0.00207	-183.85	-127.28	0.00186
-190.92	-120.21	0.00167	-197.99	-113.14	0.00149
-205.06	-106.07	0.00134	-212.13	-98.99	0.00121
-219.20	-91.92	0.00110	-226.27	-84.85	0.00100

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

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

14:58:12

**MODELOPTs:
 PAGE 141

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00205	-98.99	-226.27	0.00219
-106.07	-219.20	0.00234	-113.14	-212.13	0.00250
-120.21	-205.06	0.00265	-127.28	-197.99	0.00278
-134.35	-190.92	0.00285	-141.42	-183.85	0.00281
-144.96	-180.31	0.00271	-148.49	-176.78	0.00256
-150.61	-174.66	0.00243	-152.03	-173.24	0.00234
-153.44	-171.83	0.00223	-154.86	-170.41	0.00212
-156.27	-169.00	0.00199	-169.00	-156.27	0.00173
-170.41	-154.86	0.00174	-171.83	-153.44	0.00176
-173.24	-152.03	0.00177	-174.66	-150.61	0.00177
-176.78	-148.49	0.00177	-180.31	-144.96	0.00174
-183.85	-141.42	0.00170	-190.92	-134.35	0.00158

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00145	-205.06	-120.21	0.00132
-212.13	-113.14	0.00121	-219.20	-106.07	0.00110
-226.27	-98.99	0.00101	-233.35	-91.92	0.00093
-98.99	-240.42	0.00173	-106.07	-233.35	0.00181
-113.14	-226.27	0.00189	-120.21	-219.20	0.00196
-127.28	-212.13	0.00201	-134.35	-205.06	0.00202
-141.42	-197.99	0.00197	-148.49	-190.92	0.00184
-152.03	-187.38	0.00174	-155.56	-183.85	0.00161
-157.68	-181.73	0.00152	-159.10	-180.31	0.00147
-160.51	-178.90	0.00142	-161.93	-177.48	0.00137
-163.34	-176.07	0.00133	-176.07	-163.34	0.00132
-177.48	-161.93	0.00133	-178.90	-160.51	0.00133
-180.31	-159.10	0.00133	-181.73	-157.68	0.00134
-183.85	-155.56	0.00135	-187.38	-152.03	0.00136
-190.92	-148.49	0.00135	-197.99	-141.42	0.00131
-205.06	-134.35	0.00124	-212.13	-127.28	0.00115
-219.20	-120.21	0.00107	-226.27	-113.14	0.00099
-233.35	-106.07	0.00092	-240.42	-98.99	0.00085
-106.07	-247.49	0.00144	-113.14	-240.42	0.00148
-120.21	-233.35	0.00152	-127.28	-226.27	0.00154
-134.35	-219.20	0.00154	-141.42	-212.13	0.00152
-148.49	-205.06	0.00145	-155.56	-197.99	0.00133
-159.10	-194.45	0.00125	-162.63	-190.92	0.00119
-164.76	-188.80	0.00115	-166.17	-187.38	0.00113
-167.58	-185.97	0.00111	-169.00	-184.55	0.00109
-170.41	-183.14	0.00107	-183.14	-170.41	0.00111
-184.55	-169.00	0.00112	-185.97	-167.58	0.00112
-187.38	-166.17	0.00112	-188.80	-164.76	0.00111

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

14:58:12
 **MODELOPTs:
 PAGE 142

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00111	-194.45	-159.10	0.00110
-197.99	-155.56	0.00109	-205.06	-148.49	0.00107
-212.13	-141.42	0.00104	-219.20	-134.35	0.00099
-226.27	-127.28	0.00094	-233.35	-120.21	0.00088
-240.42	-113.14	0.00083	-247.49	-106.07	0.00078

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

04/20/08

14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound

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

14:58:12

**MODELOPTs:

PAGE 143

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	0.00680 AT (-113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT (-106.07, -134.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT (-115.26, -139.30, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT (-109.60, -144.96, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT (-120.21, -148.49, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT (-102.53, -137.89, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT (-108.19, -132.23, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT (-122.33, -146.37, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT (-116.67, -137.89, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT (-109.60, -130.81, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00680 AT (-49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT (-42.43, -70.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT (-51.62, -75.66, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT (-45.96, -81.32, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT (-56.57, -84.85, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT (-38.89, -74.25, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT (-44.55, -68.59, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT (-58.69, -82.73, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT (-53.03, -74.25, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT (-45.96, -67.18, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00680 AT (14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT (21.21, -7.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT (12.02, -12.02, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT (17.68, -17.68, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT (7.07, -21.21, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT (24.75, -10.61, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT (19.09, -4.95, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT (4.95, -19.09, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT (10.61, -10.61, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT (17.68, -3.54, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

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

14:58:12

**MODELOPTs:

PAGE 144

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	0.00680 AT (77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT (84.85, 56.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT (75.66, 51.62, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT (81.32, 45.96, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT (70.71, 42.43, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT (88.39, 53.03, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT (82.73, 58.69, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT (68.59, 44.55, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT (74.25, 53.03, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT (81.32, 60.10, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00680 AT (141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT (148.49, 120.21, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT (139.30, 115.26, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT (144.96, 109.60, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT (134.35, 106.07, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT (152.03, 116.67, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT (146.37, 122.33, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT (132.23, 108.19, 0.00, 1.20)	DC	NA

		14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00669	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664	AT (	144.96,	123.74,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00799	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00799	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00799	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00799	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00799	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00798	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00798	AT (	17.68,	-17.68,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00798	AT (	-38.89,	-74.25,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00798	AT (	-31.82,	-67.18,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00797	AT (	-45.96,	-81.32,	0.00,	1.20)	DC	NA

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

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

04/20/08

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

14:58:12

**MODELOPTs:
 PAGE 145

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 10 Informational Message(s)
 A Total of 10 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
