

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 15:39:36

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW 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 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 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	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE 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	-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	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	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	99.0	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	-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
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-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	-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	-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	-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	-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	-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	-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	-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	-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 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
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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 7.07 134.35 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	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	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	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	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	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	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	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
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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	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	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	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	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	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	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	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 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 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
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 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 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	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	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	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
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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	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	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	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	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	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	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	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	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	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	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	98.99	-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	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	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	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	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	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 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 FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1994

ME UAIRDATA 9901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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\19NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\19NCRA-1.LST

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

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER PART., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y, BASE ELEV., RELEASE HEIGHT, X-DIM OF AREA, Y-DIM OF AREA, ORIENT. OF AREA, INIT. SZ. Rows include NCRA_S1 through NCRA_S5 with various coordinates and emission rates.

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

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**MODELOPTs:
PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

- (-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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);
(-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);
(-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);
(-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);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

(-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);
(-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);
(-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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

(-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);
(-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);
(-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);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-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);
(-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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);
(-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);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

(-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);
(-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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);
(-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);

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

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);
(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);
(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);
(-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);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN SE-NW Bound
(METERS)

(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);
(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);
(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);
(-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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);

1 *** ICSCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(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);
(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);
(-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);
(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(-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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(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);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW 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);
(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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

(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);
(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);
(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(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);

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(-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);
(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);
(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);

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

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(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);
(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);
(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);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

(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);
(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);
(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(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);
(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);
(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);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);

1 *** ISCS T3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

(190.9,	-49.5,	0.0,	1.2);	(183.9,	-56.6,	0.0,	1.2);
(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);
(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(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);

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

15:39:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

(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);
(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(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);

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(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);

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

(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);
(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);
(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);
(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);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW 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 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-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
-98.99	240.42	0.00004	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00005

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-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	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00005
-233.35	106.07	0.00005	-240.42	98.99	0.00005
-91.92	233.35	0.00004	-98.99	226.27	0.00004
-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
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00006
-170.41	154.86	0.00006	-171.83	153.44	0.00006
-173.24	152.03	0.00006	-174.66	150.61	0.00006

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

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00006	-180.31	144.96	0.00006
-183.85	141.42	0.00006	-190.92	134.35	0.00006
-197.99	127.28	0.00006	-205.06	120.21	0.00006
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	99.00	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00004	-91.92	219.20	0.00004
-98.99	212.13	0.00005	-106.07	205.06	0.00005
-113.14	197.99	0.00005	-120.21	190.92	0.00005
-127.28	183.85	0.00005	-134.35	176.78	0.00006
-137.89	173.24	0.00006	-141.42	169.71	0.00006
-143.54	167.58	0.00006	-144.96	166.17	0.00006

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006
-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00006	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00004	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-98.99	197.99	0.00005
-106.07	190.92	0.00005	-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	99.00	0.00006	-205.06	91.92	0.00006
-212.13	84.85	0.00006	-219.20	77.78	0.00006
-70.71	212.13	0.00005	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00006	-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

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00007	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007
-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00006
-63.64	205.06	0.00005	-70.71	197.99	0.00005
-77.78	190.92	0.00005	-84.85	183.85	0.00006
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00007	-123.74	144.96	0.00007
-125.16	143.54	0.00007	-126.57	142.13	0.00007
-127.99	140.71	0.00007	-140.71	127.99	0.00007
-142.13	126.57	0.00007	-143.54	125.16	0.00007
-144.96	123.74	0.00007	-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
-56.57	197.99	0.00005	-63.64	190.92	0.00005
-70.71	183.85	0.00005	-77.78	176.78	0.00006
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-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	0.00007
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00007	-197.99	56.57	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***
 15:39:36
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00005	-56.57	183.85	0.00005
-63.64	176.78	0.00006	-70.71	169.71	0.00006
-77.78	162.63	0.00006	-84.85	155.56	0.00007
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00008	-132.23	108.19	0.00008
-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	0.00007
-42.43	183.85	0.00005	-49.50	176.78	0.00006
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00007	-77.78	148.49	0.00007
-84.85	141.42	0.00007	-91.92	134.35	0.00007
-95.46	130.81	0.00008	-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
-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	0.00008
-148.49	77.78	0.00008	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00006
-49.50	162.63	0.00006	-56.57	155.56	0.00007
-63.64	148.49	0.00007	-70.71	141.42	0.00007
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00008
-113.84	98.29	0.00008	-115.26	96.87	0.00008
-116.67	95.46	0.00008	-118.09	94.05	0.00008

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTS:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00008	-123.74	88.39	0.00008
-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	0.00008
-169.71	42.43	0.00008	-176.78	35.36	0.00008
-28.28	169.71	0.00006	-35.36	162.63	0.00006
-42.43	155.56	0.00006	-49.50	148.49	0.00007
-56.57	141.42	0.00007	-63.64	134.35	0.00008
-70.71	127.28	0.00008	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-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	0.00009
-106.77	91.22	0.00009	-108.19	89.80	0.00009
-109.60	88.39	0.00009	-111.02	86.97	0.00009
-113.14	84.85	0.00009	-116.67	81.32	0.00009
-120.21	77.78	0.00009	-127.28	70.71	0.00009
-134.35	63.64	0.00009	-141.42	56.57	0.00009
-148.49	49.50	0.00009	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00006	-28.28	155.56	0.00006
-35.36	148.49	0.00007	-42.43	141.42	0.00007
-49.50	134.35	0.00008	-56.57	127.28	0.00008
-63.64	120.21	0.00009	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00009
-99.70	84.15	0.00009	-101.12	82.73	0.00009
-102.53	81.32	0.00009	-103.94	79.90	0.00009
-106.07	77.78	0.00010	-109.60	74.25	0.00010
-113.14	70.71	0.00010	-120.21	63.64	0.00010
-127.28	56.57	0.00010	-134.35	49.50	0.00010
-141.42	42.43	0.00010	-148.49	35.36	0.00009
-155.56	28.28	0.00009	-162.63	21.21	0.00009
-14.14	155.56	0.00006	-21.21	148.49	0.00007
-28.28	141.42	0.00007	-35.36	134.35	0.00008

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00008	-49.50	120.21	0.00009
-56.57	113.14	0.00009	-63.64	106.07	0.00009
-67.18	102.53	0.00009	-70.71	98.99	0.00010

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00011
-78.49	62.93	0.00011	-79.90	61.52	0.00011
-81.32	60.10	0.00011	-82.73	58.69	0.00012
-84.85	56.57	0.00012	-88.39	53.03	0.00012
-91.92	49.50	0.00012	-98.99	42.43	0.00012
-106.07	35.36	0.00012	-113.14	28.28	0.00012
-120.21	21.21	0.00011	-127.28	14.14	0.00011
-134.35	7.07	0.00011	-141.42	0.00	0.00011

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00007	0.00	127.28	0.00007
-7.07	120.21	0.00008	-14.14	113.14	0.00009
-21.21	106.07	0.00009	-28.28	98.99	0.00010
-35.36	91.92	0.00011	-42.43	84.85	0.00011
-45.96	81.32	0.00011	-49.50	77.78	0.00012
-51.62	75.66	0.00012	-53.03	74.25	0.00012
-54.45	72.83	0.00012	-55.86	71.42	0.00012
-57.28	70.00	0.00012	-70.00	57.28	0.00012
-71.42	55.86	0.00012	-72.83	54.45	0.00012
-74.25	53.03	0.00012	-75.66	51.62	0.00012
-77.78	49.50	0.00012	-81.32	45.96	0.00012
-84.85	42.43	0.00013	-91.92	35.36	0.00013
-98.99	28.28	0.00013	-106.07	21.21	0.00012
-113.14	14.14	0.00012	-120.21	7.07	0.00012
-127.28	0.00	0.00012	-134.35	-7.07	0.00012
14.14	127.28	0.00007	7.07	120.21	0.00008
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00010	-21.21	91.92	0.00011
-28.28	84.85	0.00011	-35.36	77.78	0.00012
-38.89	74.25	0.00012	-42.43	70.71	0.00012
-44.55	68.59	0.00013	-45.96	67.18	0.00013
-47.38	65.76	0.00013	-48.79	64.35	0.00013
-50.20	62.93	0.00013	-62.93	50.20	0.00013
-64.35	48.79	0.00013	-65.76	47.38	0.00013
-67.18	45.96	0.00013	-68.59	44.55	0.00013

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00013	-74.25	38.89	0.00013
-77.78	35.36	0.00013	-84.85	28.28	0.00013
-91.92	21.21	0.00013	-98.99	14.14	0.00013
-106.07	7.07	0.00013	-113.14	0.00	0.00013
-120.21	-7.07	0.00013	-127.28	-14.14	0.00013
21.21	120.21	0.00007	14.14	113.14	0.00008
7.07	106.07	0.00009	0.00	98.99	0.00010
-7.07	91.92	0.00011	-14.14	84.85	0.00011
-21.21	77.78	0.00012	-28.28	70.71	0.00013
-31.82	67.18	0.00013	-35.36	63.64	0.00013
-37.48	61.52	0.00014	-38.89	60.10	0.00014
-40.31	58.69	0.00014	-41.72	57.28	0.00014
-43.13	55.86	0.00014	-55.86	43.13	0.00014
-57.28	41.72	0.00014	-58.69	40.31	0.00014
-60.10	38.89	0.00014	-61.52	37.48	0.00014

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00014	-67.18	31.82	0.00014
-70.71	28.28	0.00015	-77.78	21.21	0.00015
-84.85	14.14	0.00014	-91.92	7.07	0.00014
-98.99	0.00	0.00014	-106.07	-7.07	0.00014
-113.14	-14.14	0.00014	-120.21	-21.21	0.00013
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00009	7.07	91.92	0.00010
0.00	84.85	0.00011	-7.07	77.78	0.00012
-14.14	70.71	0.00013	-21.21	63.64	0.00014
-24.75	60.10	0.00014	-28.28	56.57	0.00014
-30.41	54.45	0.00015	-31.82	53.03	0.00015
-33.23	51.62	0.00015	-34.65	50.20	0.00015
-36.06	48.79	0.00015	-48.79	36.06	0.00015
-50.20	34.65	0.00015	-51.62	33.23	0.00015
-53.03	31.82	0.00015	-54.45	30.41	0.00015
-56.57	28.28	0.00016	-60.10	24.75	0.00016
-63.64	21.21	0.00016	-70.71	14.14	0.00016
-77.78	7.07	0.00016	-84.85	0.00	0.00015
-91.92	-7.07	0.00015	-98.99	-14.14	0.00015

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00015	-113.14	-28.28	0.00014
35.36	106.07	0.00008	28.28	98.99	0.00009
21.21	91.92	0.00010	14.14	84.85	0.00011
7.07	77.78	0.00012	0.00	70.71	0.00013
-7.07	63.64	0.00014	-14.14	56.57	0.00015
-17.68	53.03	0.00015	-21.21	49.50	0.00016
-23.33	47.38	0.00016	-24.75	45.96	0.00016
-26.16	44.55	0.00016	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00017
-43.13	27.58	0.00017	-44.55	26.16	0.00017
-45.96	24.75	0.00017	-47.38	23.33	0.00017
-49.50	21.21	0.00017	-53.03	17.68	0.00017
-56.57	14.14	0.00017	-63.64	7.07	0.00017
-70.71	0.00	0.00017	-77.78	-7.07	0.00017
-84.85	-14.14	0.00016	-91.92	-21.21	0.00016
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00008	35.36	91.92	0.00009
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00012	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00017

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00017
-21.92	34.65	0.00018	-34.65	21.92	0.00018
-36.06	20.51	0.00018	-37.48	19.09	0.00018
-38.89	17.68	0.00018	-40.31	16.26	0.00018
-42.43	14.14	0.00018	-45.96	10.61	0.00018
-49.50	7.07	0.00019	-56.57	0.00	0.00018
-63.64	-7.07	0.00018	-70.71	-14.14	0.00018
-77.78	-21.21	0.00018	-84.85	-28.28	0.00017
-91.92	-35.36	0.00017	-98.99	-42.43	0.00016
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00012
21.21	63.64	0.00013	14.14	56.57	0.00015

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00016	0.00	42.43	0.00017
-3.54	38.89	0.00018	-7.07	35.36	0.00018
-9.19	33.23	0.00019	-10.61	31.82	0.00019
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00020
-28.99	13.44	0.00020	-30.41	12.02	0.00020
-31.82	10.61	0.00020	-33.23	9.19	0.00020
-35.36	7.07	0.00020	-38.89	3.54	0.00020
-42.43	0.00	0.00020	-49.50	-7.07	0.00020
-56.57	-14.14	0.00020	-63.64	-21.21	0.00019
-70.71	-28.28	0.00019	-77.78	-35.36	0.00019
-84.85	-42.43	0.00018	-91.92	-49.50	0.00017
56.57	84.85	0.00008	49.50	77.78	0.00010
42.43	70.71	0.00011	35.36	63.64	0.00012
28.28	56.57	0.00014	21.21	49.50	0.00016
14.14	42.43	0.00017	7.07	35.36	0.00019
3.54	31.82	0.00020	0.00	28.28	0.00020
-2.12	26.16	0.00020	-3.54	24.75	0.00021
-4.95	23.33	0.00021	-6.36	21.92	0.00021
-7.78	20.51	0.00021	-20.51	7.78	0.00022
-21.92	6.36	0.00022	-23.33	4.95	0.00022
-24.75	3.54	0.00022	-26.16	2.12	0.00022
-28.28	0.00	0.00022	-31.82	-3.54	0.00022
-35.36	-7.07	0.00022	-42.43	-14.14	0.00022
-49.50	-21.21	0.00022	-56.57	-28.28	0.00021
-63.64	-35.36	0.00021	-70.71	-42.43	0.00020
-77.78	-49.50	0.00019	-84.85	-56.57	0.00018

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

15:39:36
 **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
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00013
35.36	49.50	0.00015	28.28	42.43	0.00017
21.21	35.36	0.00019	14.14	28.28	0.00021
10.61	24.75	0.00021	7.07	21.21	0.00022
4.95	19.09	0.00022	3.54	17.68	0.00023
2.12	16.26	0.00023	0.71	14.85	0.00023

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00023	-13.44	0.71	0.00024
-14.85	-0.71	0.00024	-16.26	-2.12	0.00024
-17.68	-3.54	0.00024	-19.09	-4.95	0.00024
-21.21	-7.07	0.00024	-24.75	-10.61	0.00024
-28.28	-14.14	0.00024	-35.36	-21.21	0.00024
-42.43	-28.28	0.00024	-49.50	-35.36	0.00023
-56.57	-42.43	0.00023	-63.64	-49.50	0.00022
-70.71	-56.57	0.00021	-77.78	-63.64	0.00019
70.71	70.71	0.00009	63.64	63.64	0.00010
56.57	56.57	0.00012	49.50	49.50	0.00014
42.43	42.43	0.00016	35.36	35.36	0.00018
28.28	28.28	0.00020	21.21	21.21	0.00023
17.68	17.68	0.00024	14.14	14.14	0.00024
12.02	12.02	0.00025	10.61	10.61	0.00025
9.19	9.19	0.00025	7.78	7.78	0.00025
6.36	6.36	0.00026	-6.36	-6.36	0.00027
-7.78	-7.78	0.00027	-9.19	-9.19	0.00027
-10.61	-10.61	0.00027	-12.02	-12.02	0.00027
-14.14	-14.14	0.00027	-17.68	-17.68	0.00027
-21.21	-21.21	0.00027	-28.28	-28.28	0.00027
-35.36	-35.36	0.00026	-42.43	-42.43	0.00026
-49.50	-49.50	0.00025	-56.57	-56.57	0.00024
-63.64	-63.64	0.00022	-70.71	-70.71	0.00021
77.78	63.64	0.00009	70.71	56.57	0.00011
63.64	49.50	0.00012	56.57	42.43	0.00014
49.50	35.36	0.00017	42.43	28.28	0.00019
35.36	21.21	0.00022	28.28	14.14	0.00025
24.75	10.61	0.00026	21.21	7.07	0.00027
19.09	4.95	0.00027	17.68	3.54	0.00028
16.26	2.12	0.00028	14.85	0.71	0.00028
13.44	-0.71	0.00028	0.71	-13.44	0.00030
-0.71	-14.85	0.00030	-2.12	-16.26	0.00030
-3.54	-17.68	0.00030	-4.95	-19.09	0.00030

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

15:39:36
 **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
-7.07	-21.21	0.00030	-10.61	-24.75	0.00030

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00030	-21.21	-35.36	0.00030
-28.28	-42.43	0.00029	-35.36	-49.50	0.00028
-42.43	-56.57	0.00027	-49.50	-63.64	0.00025
-56.57	-70.71	0.00024	-63.64	-77.78	0.00022
84.85	56.57	0.00009	77.78	49.50	0.00011
70.71	42.43	0.00013	63.64	35.36	0.00015
56.57	28.28	0.00018	49.50	21.21	0.00021
42.43	14.14	0.00024	35.36	7.07	0.00027
31.82	3.54	0.00029	28.28	0.00	0.00030
26.16	-2.12	0.00031	24.75	-3.54	0.00031
23.33	-4.95	0.00031	21.92	-6.36	0.00032
20.51	-7.78	0.00032	7.78	-20.51	0.00034
6.36	-21.92	0.00034	4.95	-23.33	0.00034
3.54	-24.75	0.00034	2.12	-26.16	0.00034
0.00	-28.28	0.00034	-3.54	-31.82	0.00034
-7.07	-35.36	0.00034	-14.14	-42.43	0.00033
-21.21	-49.50	0.00032	-28.28	-56.57	0.00031
-35.36	-63.64	0.00029	-42.43	-70.71	0.00027
-49.50	-77.78	0.00025	-56.57	-84.85	0.00023
91.92	49.50	0.00010	84.85	42.43	0.00011
77.78	35.36	0.00013	70.71	28.28	0.00016
63.64	21.21	0.00019	56.57	14.14	0.00022
49.50	7.07	0.00026	42.43	0.00	0.00030
38.89	-3.54	0.00032	35.36	-7.07	0.00034
33.23	-9.19	0.00034	31.82	-10.61	0.00035
30.41	-12.02	0.00035	28.99	-13.44	0.00036
27.58	-14.85	0.00036	14.85	-27.58	0.00038
13.44	-28.99	0.00038	12.02	-30.41	0.00038
10.61	-31.82	0.00038	9.19	-33.23	0.00038
7.07	-35.36	0.00038	3.54	-38.89	0.00038
0.00	-42.43	0.00038	-7.07	-49.50	0.00037
-14.14	-56.57	0.00036	-21.21	-63.64	0.00034
-28.28	-70.71	0.00032	-35.36	-77.78	0.00029
-42.43	-84.85	0.00026	-49.50	-91.92	0.00024
98.99	42.43	0.00010	91.92	35.36	0.00011
84.85	28.28	0.00014	77.78	21.21	0.00016
70.71	14.14	0.00020	63.64	7.07	0.00024
56.57	0.00	0.00028	49.50	-7.07	0.00033
45.96	-10.61	0.00035	42.43	-14.14	0.00038

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
40.31	-16.26	0.00039	38.89	-17.68	0.00039	
37.48	-19.09	0.00040	36.06	-20.51	0.00041	
34.65	-21.92	0.00041	21.92	-34.65	0.00043	
20.51	-36.06	0.00044	19.09	-37.48	0.00044	
17.68	-38.89	0.00044	16.26	-40.31	0.00044	
14.14	-42.43	0.00044	10.61	-45.96	0.00043	
7.07	-49.50	0.00043	0.00	-56.57	0.00042	
-7.07	-63.64	0.00040	-14.14	-70.71	0.00038	
-21.21	-77.78	0.00035	-28.28	-84.85	0.00031	
-35.36	-91.92	0.00028	-42.43	-98.99	0.00025	
106.07	35.36	0.00010	98.99	28.28	0.00012	
91.92	21.21	0.00014	84.85	14.14	0.00017	
77.78	7.07	0.00020	70.71	0.00	0.00025	
63.64	-7.07	0.00031	56.57	-14.14	0.00037	
53.03	-17.68	0.00040	49.50	-21.21	0.00043	
47.38	-23.33	0.00044	45.96	-24.75	0.00045	
44.55	-26.16	0.00046	43.13	-27.58	0.00046	
41.72	-28.99	0.00047	28.99	-41.72	0.00050	
27.58	-43.13	0.00050	26.16	-44.55	0.00050	
24.75	-45.96	0.00050	23.33	-47.38	0.00050	
21.21	-49.50	0.00050	17.68	-53.03	0.00050	
14.14	-56.57	0.00049	7.07	-63.64	0.00047	
0.00	-70.71	0.00045	-7.07	-77.78	0.00041	
-14.14	-84.85	0.00037	-21.21	-91.92	0.00033	
-28.28	-98.99	0.00029	-35.36	-106.07	0.00026	
113.14	28.28	0.00010	106.07	21.21	0.00012	
98.99	14.14	0.00014	91.92	7.07	0.00017	
84.85	0.00	0.00021	77.78	-7.07	0.00027	
70.71	-14.14	0.00033	63.64	-21.21	0.00040	
60.10	-24.75	0.00044	56.57	-28.28	0.00048	
54.45	-30.41	0.00050	53.03	-31.82	0.00052	
51.62	-33.23	0.00053	50.20	-34.65	0.00054	
48.79	-36.06	0.00055	36.06	-48.79	0.00058	
34.65	-50.20	0.00059	33.23	-51.62	0.00059	
31.82	-53.03	0.00059	30.41	-54.45	0.00058	
28.28	-56.57	0.00058	24.75	-60.10	0.00057	
21.21	-63.64	0.00057	14.14	-70.71	0.00054	
7.07	-77.78	0.00050	0.00	-84.85	0.00045	
-7.07	-91.92	0.00040	-14.14	-98.99	0.00035	

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00030 -28.28 -113.14 0.00026

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

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00010	113.14	14.14	0.00012
106.07	7.07	0.00015	98.99	0.00	0.00018
91.92	-7.07	0.00022	84.85	-14.14	0.00028
77.78	-21.21	0.00036	70.71	-28.28	0.00045
67.18	-31.82	0.00050	63.64	-35.36	0.00055
61.52	-37.48	0.00058	60.10	-38.89	0.00060
58.69	-40.31	0.00061	57.28	-41.72	0.00063
55.86	-43.13	0.00064	43.13	-55.86	0.00069
41.72	-57.28	0.00069	40.31	-58.69	0.00069
38.89	-60.10	0.00069	37.48	-61.52	0.00069
35.36	-63.64	0.00068	31.82	-67.18	0.00067
28.28	-70.71	0.00066	21.21	-77.78	0.00062
14.14	-84.85	0.00056	7.07	-91.92	0.00049
0.00	-98.99	0.00042	-7.07	-106.07	0.00037
-14.14	-113.14	0.00031	-21.21	-120.21	0.00027
127.28	14.14	0.00011	120.21	7.07	0.00012
113.14	0.00	0.00015	106.07	-7.07	0.00018
98.99	-14.14	0.00023	91.92	-21.21	0.00029
84.85	-28.28	0.00038	77.78	-35.36	0.00049
74.25	-38.89	0.00056	70.71	-42.43	0.00063
68.59	-44.55	0.00067	67.18	-45.96	0.00069
65.76	-47.38	0.00072	64.35	-48.79	0.00074
62.93	-50.20	0.00076	50.20	-62.93	0.00082
48.79	-64.35	0.00082	47.38	-65.76	0.00082
45.96	-67.18	0.00082	44.55	-68.59	0.00081
42.43	-70.71	0.00081	38.89	-74.25	0.00079
35.36	-77.78	0.00077	28.28	-84.85	0.00070
21.21	-91.92	0.00061	14.14	-98.99	0.00053
7.07	-106.07	0.00045	0.00	-113.14	0.00038
-7.07	-120.21	0.00032	-14.14	-127.28	0.00028
134.35	7.07	0.00011	127.28	0.00	0.00013
120.21	-7.07	0.00015	113.14	-14.14	0.00019
106.07	-21.21	0.00024	98.99	-28.28	0.00031

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00040	84.85	-42.43	0.00054
81.32	-45.96	0.00062	77.78	-49.50	0.00072
75.66	-51.62	0.00077	74.25	-53.03	0.00081
72.83	-54.45	0.00084	71.42	-55.86	0.00088
70.00	-57.28	0.00090	57.28	-70.00	0.00100
55.86	-71.42	0.00099	54.45	-72.83	0.00099
53.03	-74.25	0.00098	51.62	-75.66	0.00098

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

15:39:36

**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
49.50	-77.78	0.00096	45.96	-81.32	0.00093
42.43	-84.85	0.00089	35.36	-91.92	0.00078
28.28	-98.99	0.00066	21.21	-106.07	0.00056
14.14	-113.14	0.00047	7.07	-120.21	0.00039
0.00	-127.28	0.00034	-7.07	-134.35	0.00029
141.42	0.00	0.00011	134.35	-7.07	0.00013
127.28	-14.14	0.00016	120.21	-21.21	0.00019
113.14	-28.28	0.00024	106.07	-35.36	0.00032
98.99	-42.43	0.00042	91.92	-49.50	0.00058
88.39	-53.03	0.00069	84.85	-56.57	0.00081
82.73	-58.69	0.00089	81.32	-60.10	0.00094
79.90	-61.52	0.00100	78.49	-62.93	0.00105
77.07	-64.35	0.00109	64.35	-77.07	0.00122
62.93	-78.49	0.00122	61.52	-79.90	0.00121
60.10	-81.32	0.00119	58.69	-82.73	0.00118
56.57	-84.85	0.00115	53.03	-88.39	0.00109
49.50	-91.92	0.00101	42.43	-98.99	0.00085
35.36	-106.07	0.00071	28.28	-113.14	0.00058
21.21	-120.21	0.00049	14.14	-127.28	0.00041
7.07	-134.35	0.00035	0.00	-141.42	0.00031
148.49	-7.07	0.00012	141.42	-14.14	0.00014
134.35	-21.21	0.00017	127.28	-28.28	0.00020
120.21	-35.36	0.00025	113.14	-42.43	0.00033
106.07	-49.50	0.00044	98.99	-56.57	0.00062
95.46	-60.10	0.00074	91.92	-63.64	0.00090
89.80	-65.76	0.00101	88.39	-67.18	0.00109
86.97	-68.59	0.00117	85.56	-70.00	0.00125

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00132	71.42	-84.15	0.00152
70.00	-85.56	0.00150	68.59	-86.97	0.00148
67.18	-88.39	0.00145	65.76	-89.80	0.00142
63.64	-91.92	0.00136	60.10	-95.46	0.00124
56.57	-98.99	0.00113	49.50	-106.07	0.00092
42.43	-113.14	0.00075	35.36	-120.21	0.00061
28.28	-127.28	0.00051	21.21	-134.35	0.00043
14.14	-141.42	0.00037	7.07	-148.49	0.00032
155.56	-14.14	0.00013	148.49	-21.21	0.00015
141.42	-28.28	0.00018	134.35	-35.36	0.00021
127.28	-42.43	0.00027	120.21	-49.50	0.00035
113.14	-56.57	0.00046	106.07	-63.64	0.00065
102.53	-67.18	0.00079	98.99	-70.71	0.00098

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00111	95.46	-74.25	0.00122
94.05	-75.66	0.00133	92.63	-77.07	0.00146
91.22	-78.49	0.00158	78.49	-91.22	0.00190
77.07	-92.63	0.00184	75.66	-94.05	0.00178
74.25	-95.46	0.00171	72.83	-96.87	0.00164
70.71	-98.99	0.00153	67.18	-102.53	0.00136
63.64	-106.07	0.00122	56.57	-113.14	0.00098
49.50	-120.21	0.00079	42.43	-127.28	0.00065
35.36	-134.35	0.00054	28.28	-141.42	0.00045
21.21	-148.49	0.00039	14.14	-155.56	0.00033
162.63	-21.21	0.00013	155.56	-28.28	0.00016
148.49	-35.36	0.00019	141.42	-42.43	0.00023
134.35	-49.50	0.00028	127.28	-56.57	0.00037
120.21	-63.64	0.00050	113.14	-70.71	0.00070
109.60	-74.25	0.00085	106.07	-77.78	0.00105
103.94	-79.90	0.00121	102.53	-81.32	0.00133
101.12	-82.73	0.00147	99.70	-84.15	0.00163
98.29	-85.56	0.00181	85.56	-98.29	0.00226
84.15	-99.70	0.00213	82.73	-101.12	0.00200
81.32	-102.53	0.00189	79.90	-103.94	0.00180
77.78	-106.07	0.00166	74.25	-109.60	0.00147

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00131	63.64	-120.21	0.00104
56.57	-127.28	0.00083	49.50	-134.35	0.00068
42.43	-141.42	0.00056	35.36	-148.49	0.00047
28.28	-155.56	0.00040	21.21	-162.63	0.00035
169.71	-28.28	0.00014	162.63	-35.36	0.00017
155.56	-42.43	0.00020	148.49	-49.50	0.00024
141.42	-56.57	0.00031	134.35	-63.64	0.00040
127.28	-70.71	0.00054	120.21	-77.78	0.00077
116.67	-81.32	0.00094	113.14	-84.85	0.00118
111.02	-86.97	0.00137	109.60	-88.39	0.00151
108.19	-89.80	0.00169	106.77	-91.22	0.00191
105.36	-92.63	0.00220	92.63	-105.36	0.00258
91.22	-106.77	0.00237	89.80	-108.19	0.00220
88.39	-109.60	0.00206	86.97	-111.02	0.00194
84.85	-113.14	0.00178	81.32	-116.67	0.00156
77.78	-120.21	0.00137	70.71	-127.28	0.00108
63.64	-134.35	0.00086	56.57	-141.42	0.00070
49.50	-148.49	0.00058	42.43	-155.56	0.00048
35.36	-162.63	0.00041	28.28	-169.71	0.00036

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00015	169.71	-42.43	0.00018
162.63	-49.50	0.00021	155.56	-56.57	0.00026
148.49	-63.64	0.00033	141.42	-70.71	0.00044
134.35	-77.78	0.00061	127.28	-84.85	0.00092
123.74	-88.39	0.00118	120.21	-91.92	0.00156
118.09	-94.05	0.00190	116.67	-95.46	0.00219
115.26	-96.87	0.00256	113.84	-98.29	0.00304
112.43	-99.70	0.00368	99.70	-112.43	0.00327
98.29	-113.84	0.00286	96.87	-115.26	0.00256
95.46	-116.67	0.00233	94.05	-118.09	0.00215
91.92	-120.21	0.00193	88.39	-123.74	0.00166
84.85	-127.28	0.00145	77.78	-134.35	0.00112
70.71	-141.42	0.00088	63.64	-148.49	0.00072
56.57	-155.56	0.00059	49.50	-162.63	0.00050
42.43	-169.71	0.00042	35.36	-176.78	0.00036

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00016	176.78	-49.50	0.00019
169.71	-56.57	0.00024	162.63	-63.64	0.00030
155.56	-70.71	0.00039	148.49	-77.78	0.00052
141.42	-84.85	0.00076	134.35	-91.92	0.00122
130.81	-95.46	0.00162	127.28	-98.99	0.00224
125.16	-101.12	0.00278	123.74	-102.53	0.00323
122.33	-103.94	0.00378	120.92	-105.36	0.00446
119.50	-106.77	0.00531	106.77	-119.50	0.00417
105.36	-120.92	0.00357	103.94	-122.33	0.00314
102.53	-123.74	0.00281	101.12	-125.16	0.00254
98.99	-127.28	0.00222	95.46	-130.81	0.00183
91.92	-134.35	0.00154	84.85	-141.42	0.00116
77.78	-148.49	0.00092	70.71	-155.56	0.00074
63.64	-162.63	0.00061	56.57	-169.71	0.00051
49.50	-176.78	0.00043	42.43	-183.85	0.00037
190.92	-49.50	0.00018	183.85	-56.57	0.00022
176.78	-63.64	0.00027	169.71	-70.71	0.00035
162.63	-77.78	0.00046	155.56	-84.85	0.00065
148.49	-91.92	0.00098	141.42	-98.99	0.00162
137.89	-102.53	0.00218	134.35	-106.07	0.00300
132.23	-108.19	0.00369	130.81	-109.60	0.00425
129.40	-111.02	0.00491	127.99	-112.43	0.00569
126.57	-113.84	0.00663	113.84	-126.57	0.00502
112.43	-127.99	0.00431	111.02	-129.40	0.00376
109.60	-130.81	0.00333	108.19	-132.23	0.00298

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

15:39:36
 **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
106.07	-134.35	0.00257	102.53	-137.89	0.00206
98.99	-141.42	0.00170	91.92	-148.49	0.00123
84.85	-155.56	0.00095	77.78	-162.63	0.00077
70.71	-169.71	0.00063	63.64	-176.78	0.00053
56.57	-183.85	0.00045	49.50	-190.92	0.00038
197.99	-56.57	0.00020	190.92	-63.64	0.00025
183.85	-70.71	0.00032	176.78	-77.78	0.00042
169.71	-84.85	0.00057	162.63	-91.92	0.00081
155.56	-98.99	0.00124	148.49	-106.07	0.00206

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00273	141.42	-113.14	0.00370
139.30	-115.26	0.00447	137.89	-116.67	0.00509
136.47	-118.09	0.00581	135.06	-119.50	0.00663
133.64	-120.92	0.00762	120.92	-133.64	0.00573
119.50	-135.06	0.00493	118.09	-136.47	0.00431
116.67	-137.89	0.00380	115.26	-139.30	0.00339
113.14	-141.42	0.00289	109.60	-144.96	0.00229
106.07	-148.49	0.00187	98.99	-155.56	0.00133
91.92	-162.63	0.00100	84.85	-169.71	0.00080
77.78	-176.78	0.00065	70.71	-183.85	0.00055
63.64	-190.92	0.00046	56.57	-197.99	0.00039
205.06	-63.64	0.00023	197.99	-70.71	0.00029
190.92	-77.78	0.00038	183.85	-84.85	0.00050
176.78	-91.92	0.00069	169.71	-98.99	0.00100
162.63	-106.07	0.00153	155.56	-113.14	0.00249
152.03	-116.67	0.00325	148.49	-120.21	0.00429
146.37	-122.33	0.00511	144.96	-123.74	0.00575
143.54	-125.16	0.00649	142.13	-126.57	0.00733
140.71	-127.99	0.00832	127.99	-140.71	0.00624
126.57	-142.13	0.00539	125.16	-143.54	0.00473
123.74	-144.96	0.00417	122.33	-146.37	0.00372
120.21	-148.49	0.00316	116.67	-152.03	0.00249
113.14	-155.56	0.00203	106.07	-162.63	0.00144
98.99	-169.71	0.00108	91.92	-176.78	0.00084
84.85	-183.85	0.00068	77.78	-190.92	0.00056
70.71	-197.99	0.00047	63.64	-205.06	0.00040
212.13	-70.71	0.00027	205.06	-77.78	0.00034
197.99	-84.85	0.00044	190.92	-91.92	0.00059
183.85	-98.99	0.00082	176.78	-106.07	0.00120
169.71	-113.14	0.00181	162.63	-120.21	0.00288
159.10	-123.74	0.00369	155.56	-127.28	0.00478

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

15:39:36
 **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
153.44	-129.40	0.00561	152.03	-130.81	0.00625
150.61	-132.23	0.00698	149.20	-133.64	0.00781
147.79	-135.06	0.00878	135.06	-147.79	0.00655

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00567	132.23	-150.61	0.00499
130.81	-152.03	0.00442	129.40	-153.44	0.00395
127.28	-155.56	0.00337	123.74	-159.10	0.00267
120.21	-162.63	0.00219	113.14	-169.71	0.00156
106.07	-176.78	0.00116	98.99	-183.85	0.00089
91.92	-190.92	0.00070	84.85	-197.99	0.00057
77.78	-205.06	0.00047	70.71	-212.13	0.00040
219.20	-77.78	0.00030	212.13	-84.85	0.00039
205.06	-91.92	0.00051	197.99	-98.99	0.00069
190.92	-106.07	0.00096	183.85	-113.14	0.00139
176.78	-120.21	0.00208	169.71	-127.28	0.00322
166.17	-130.81	0.00407	162.63	-134.35	0.00518
160.51	-136.47	0.00601	159.10	-137.89	0.00664
157.68	-139.30	0.00734	156.27	-140.71	0.00814
154.86	-142.13	0.00908	142.13	-154.86	0.00666
140.71	-156.27	0.00580	139.30	-157.68	0.00513
137.89	-159.10	0.00458	136.47	-160.51	0.00412
134.35	-162.63	0.00356	130.81	-166.17	0.00285
127.28	-169.71	0.00234	120.21	-176.78	0.00166
113.14	-183.85	0.00123	106.07	-190.92	0.00094
98.99	-197.99	0.00073	91.92	-205.06	0.00058
84.85	-212.13	0.00048	77.78	-219.20	0.00040
226.27	-84.85	0.00034	219.20	-91.92	0.00044
212.13	-98.99	0.00058	205.06	-106.07	0.00079
197.99	-113.14	0.00109	190.92	-120.21	0.00156
183.85	-127.28	0.00230	176.78	-134.35	0.00350
173.24	-137.89	0.00437	169.71	-141.42	0.00549
167.58	-143.54	0.00632	166.17	-144.96	0.00694
164.76	-146.37	0.00763	163.34	-147.79	0.00841
161.93	-149.20	0.00929	149.20	-161.93	0.00669
147.79	-163.34	0.00589	146.37	-164.76	0.00525
144.96	-166.17	0.00473	143.54	-167.58	0.00428
141.42	-169.71	0.00372	137.89	-173.24	0.00299
134.35	-176.78	0.00246	127.28	-183.85	0.00174
120.21	-190.92	0.00129	113.14	-197.99	0.00098
106.07	-205.06	0.00076	98.99	-212.13	0.00061
91.92	-219.20	0.00049	84.85	-226.27	0.00041

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

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW_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		
233.35	-91.92	0.00039	226.27	-98.99	0.00050		
219.20	-106.07	0.00066	212.13	-113.14	0.00089		
205.06	-120.21	0.00122	197.99	-127.28	0.00172		
190.92	-134.35	0.00249	183.85	-141.42	0.00371		
180.31	-144.96	0.00458	176.78	-148.49	0.00568		
174.66	-150.61	0.00648	173.24	-152.03	0.00708		
171.83	-153.44	0.00774	170.41	-154.86	0.00847		
169.00	-156.27	0.00924	156.27	-169.00	0.00666		
154.86	-170.41	0.00594	153.44	-171.83	0.00533		
152.03	-173.24	0.00483	150.61	-174.66	0.00439		
148.49	-176.78	0.00384	144.96	-180.31	0.00312		
141.42	-183.85	0.00257	134.35	-190.92	0.00182		
127.28	-197.99	0.00135	120.21	-205.06	0.00103		
113.14	-212.13	0.00080	106.07	-219.20	0.00063		
98.99	-226.27	0.00051	91.92	-233.35	0.00042		
240.42	-98.99	0.00044	233.35	-106.07	0.00056		
226.27	-113.14	0.00073	219.20	-120.21	0.00098		
212.13	-127.28	0.00133	205.06	-134.35	0.00184		
197.99	-141.42	0.00262	190.92	-148.49	0.00379		
187.38	-152.03	0.00459	183.85	-155.56	0.00555		
181.73	-157.68	0.00620	180.31	-159.10	0.00666		
178.90	-160.51	0.00713	177.48	-161.93	0.00759		
176.07	-163.34	0.00800	163.34	-176.07	0.00616		
161.93	-177.48	0.00565	160.51	-178.90	0.00518		
159.10	-180.31	0.00476	157.68	-181.73	0.00437		
155.56	-183.85	0.00386	152.03	-187.38	0.00317		
148.49	-190.92	0.00263	141.42	-197.99	0.00187		
134.35	-205.06	0.00139	127.28	-212.13	0.00106		
120.21	-219.20	0.00083	113.14	-226.27	0.00066		
106.07	-233.35	0.00054	98.99	-240.42	0.00044		
247.49	-106.07	0.00048	240.42	-113.14	0.00061		
233.35	-120.21	0.00080	226.27	-127.28	0.00105		
219.20	-134.35	0.00141	212.13	-141.42	0.00192		
205.06	-148.49	0.00265	197.99	-155.56	0.00368		
194.45	-159.10	0.00434	190.92	-162.63	0.00506		
188.80	-164.76	0.00551	187.38	-166.17	0.00581		
185.97	-167.58	0.00609	184.55	-169.00	0.00634		
183.14	-170.41	0.00655	170.41	-183.14	0.00541		
169.00	-184.55	0.00507	167.58	-185.97	0.00474		
166.17	-187.38	0.00442	164.76	-188.80	0.00411		

04/20/08

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00370	159.10	-194.45	0.00311
155.56	-197.99	0.00262	148.49	-205.06	0.00190
141.42	-212.13	0.00141	134.35	-219.20	0.00109
127.28	-226.27	0.00086	120.21	-233.35	0.00068
113.14	-240.42	0.00055	106.07	-247.49	0.00046

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

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00005	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00007	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00007
-159.10	194.45	0.00008	-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
-190.92	162.63	0.00008	-194.45	159.10	0.00008
-197.99	155.56	0.00008	-205.06	148.49	0.00008
-212.13	141.42	0.00008	-219.20	134.35	0.00008
-226.27	127.28	0.00008	-233.35	120.21	0.00008
-240.42	113.14	0.00008	-247.49	106.07	0.00008
-98.99	240.42	0.00005	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00007
-127.28	212.13	0.00007	-134.35	205.06	0.00007
-141.42	197.99	0.00008	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-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	0.00008
-177.48	161.93	0.00008	-178.90	160.51	0.00008
-180.31	159.10	0.00008	-181.73	157.68	0.00008
-183.85	155.56	0.00008	-187.38	152.03	0.00008
-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	0.00008
-233.35	106.07	0.00008	-240.42	98.99	0.00008
-91.92	233.35	0.00006	-98.99	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00007
-120.21	205.06	0.00007	-127.28	197.99	0.00008
-134.35	190.92	0.00008	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-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	0.00009
-170.41	154.86	0.00009	-171.83	153.44	0.00009
-173.24	152.03	0.00009	-174.66	150.61	0.00009

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

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00009	-167.58	143.54	0.00009
-169.71	141.42	0.00010	-173.24	137.89	0.00010
-176.78	134.35	0.00010	-183.85	127.28	0.00010
-190.92	120.21	0.00010	-197.99	113.14	0.00010
-205.06	106.07	0.00010	-212.13	99.00	0.00009
-219.20	91.92	0.00009	-226.27	84.85	0.00009
-77.78	219.20	0.00006	-84.85	212.13	0.00007
-91.92	205.06	0.00007	-98.99	197.99	0.00008
-106.07	190.92	0.00008	-113.14	183.85	0.00009
-120.21	176.78	0.00009	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00010
-136.47	160.51	0.00010	-137.89	159.10	0.00010
-139.30	157.68	0.00010	-140.71	156.27	0.00010
-142.13	154.86	0.00010	-154.86	142.13	0.00010
-156.27	140.71	0.00010	-157.68	139.30	0.00010
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00010	-166.17	130.81	0.00010
-169.71	127.28	0.00010	-176.78	120.21	0.00010
-183.85	113.14	0.00010	-190.92	106.07	0.00010
-197.99	99.00	0.00010	-205.06	91.92	0.00010
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00006	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00008
-98.99	183.85	0.00009	-106.07	176.78	0.00009
-113.14	169.71	0.00010	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

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

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00011
-149.20	133.64	0.00011	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011
-155.56	127.28	0.00011	-159.10	123.74	0.00011
-162.63	120.21	0.00011	-169.71	113.14	0.00011
-176.78	106.07	0.00011	-183.85	98.99	0.00011

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00011	-197.99	84.85	0.00011
-205.06	77.78	0.00011	-212.13	70.71	0.00010
-63.64	205.06	0.00006	-70.71	197.99	0.00007
-77.78	190.92	0.00008	-84.85	183.85	0.00008
-91.92	176.78	0.00009	-98.99	169.71	0.00010
-106.07	162.63	0.00010	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00011
-142.13	126.57	0.00011	-143.54	125.16	0.00011
-144.96	123.74	0.00011	-146.37	122.33	0.00012
-148.49	120.21	0.00012	-152.03	116.67	0.00012
-155.56	113.14	0.00012	-162.63	106.07	0.00012
-169.71	98.99	0.00012	-176.78	91.92	0.00012
-183.85	84.85	0.00011	-190.92	77.78	0.00011
-197.99	70.71	0.00011	-205.06	63.64	0.00011
-56.57	197.99	0.00007	-63.64	190.92	0.00007
-70.71	183.85	0.00008	-77.78	176.78	0.00009
-84.85	169.71	0.00009	-91.92	162.63	0.00010
-98.99	155.56	0.00011	-106.07	148.49	0.00011
-109.60	144.96	0.00011	-113.14	141.42	0.00012
-115.26	139.30	0.00012	-116.67	137.89	0.00012
-118.09	136.47	0.00012	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00012
-135.06	119.50	0.00012	-136.47	118.09	0.00012
-137.89	116.67	0.00012	-139.30	115.26	0.00012
-141.42	113.14	0.00012	-144.96	109.60	0.00012
-148.49	106.07	0.00013	-155.56	98.99	0.00013
-162.63	91.92	0.00013	-169.71	84.85	0.00012
-176.78	77.78	0.00012	-183.85	70.71	0.00012
-190.92	63.64	0.00012	-197.99	56.57	0.00012

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

15:39:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00007	-56.57	183.85	0.00008
-63.64	176.78	0.00008	-70.71	169.71	0.00009

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA PL94-300 DPM_TRAV ANN_SE-NW 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	
-120.21	91.92	0.00016	-123.74	88.39	0.00016	
-127.28	84.85	0.00016	-134.35	77.78	0.00016	
-141.42	70.71	0.00016	-148.49	63.64	0.00015	
-155.56	56.57	0.00015	-162.63	49.50	0.00015	
-169.71	42.43	0.00015	-176.78	35.36	0.00014	
-28.28	169.71	0.00008	-35.36	162.63	0.00009	
-42.43	155.56	0.00010	-49.50	148.49	0.00011	
-56.57	141.42	0.00012	-63.64	134.35	0.00013	
-70.71	127.28	0.00014	-77.78	120.21	0.00015	
-81.32	116.67	0.00015	-84.85	113.14	0.00016	
-86.97	111.02	0.00016	-88.39	109.60	0.00016	
-89.80	108.19	0.00016	-91.22	106.77	0.00016	
-92.63	105.36	0.00016	-105.36	92.63	0.00017	
-106.77	91.22	0.00017	-108.19	89.80	0.00017	
-109.60	88.39	0.00017	-111.02	86.97	0.00017	
-113.14	84.85	0.00017	-116.67	81.32	0.00017	
-120.21	77.78	0.00017	-127.28	70.71	0.00017	
-134.35	63.64	0.00017	-141.42	56.57	0.00017	
-148.49	49.50	0.00016	-155.56	42.43	0.00016	
-162.63	35.36	0.00016	-169.71	28.28	0.00015	
-21.21	162.63	0.00008	-28.28	155.56	0.00009	
-35.36	148.49	0.00010	-42.43	141.42	0.00011	
-49.50	134.35	0.00012	-56.57	127.28	0.00014	
-63.64	120.21	0.00015	-70.71	113.14	0.00016	
-74.25	109.60	0.00017	-77.78	106.07	0.00017	
-79.90	103.94	0.00017	-81.32	102.53	0.00017	
-82.73	101.12	0.00017	-84.15	99.70	0.00017	
-85.56	98.29	0.00018	-98.29	85.56	0.00018	
-99.70	84.15	0.00018	-101.12	82.73	0.00018	
-102.53	81.32	0.00018	-103.94	79.90	0.00018	
-106.07	77.78	0.00018	-109.60	74.25	0.00018	
-113.14	70.71	0.00019	-120.21	63.64	0.00018	
-127.28	56.57	0.00018	-134.35	49.50	0.00018	
-141.42	42.43	0.00018	-148.49	35.36	0.00017	
-155.56	28.28	0.00017	-162.63	21.21	0.00016	
-14.14	155.56	0.00008	-21.21	148.49	0.00009	
-28.28	141.42	0.00010	-35.36	134.35	0.00012	
-42.43	127.28	0.00013	-49.50	120.21	0.00015	
-56.57	113.14	0.00016	-63.64	106.07	0.00017	
-67.18	102.53	0.00018	-70.71	98.99	0.00018	

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:

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*** Maximum train overlap at SE/NW 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
-72.83	96.87	0.00019	-74.25	95.46	0.00019
-75.66	94.05	0.00019	-77.07	92.63	0.00019
-78.49	91.22	0.00019	-91.22	78.49	0.00020
-92.63	77.07	0.00020	-94.05	75.66	0.00020
-95.46	74.25	0.00020	-96.87	72.83	0.00020
-98.99	70.71	0.00020	-102.53	67.18	0.00020
-106.07	63.64	0.00020	-113.14	56.57	0.00020
-120.21	49.50	0.00020	-127.28	42.43	0.00019
-134.35	35.36	0.00019	-141.42	28.28	0.00019
-148.49	21.21	0.00018	-155.56	14.14	0.00017
-7.07	148.49	0.00008	-14.14	141.42	0.00010
-21.21	134.35	0.00011	-28.28	127.28	0.00012
-35.36	120.21	0.00014	-42.43	113.14	0.00016
-49.50	106.07	0.00017	-56.57	98.99	0.00019
-60.10	95.46	0.00020	-63.64	91.92	0.00020
-65.76	89.80	0.00020	-67.18	88.39	0.00021
-68.59	86.97	0.00021	-70.00	85.56	0.00021
-71.42	84.15	0.00021	-84.15	71.42	0.00022
-85.56	70.00	0.00022	-86.97	68.59	0.00022
-88.39	67.18	0.00022	-89.80	65.76	0.00022
-91.92	63.64	0.00022	-95.46	60.10	0.00022
-98.99	56.57	0.00022	-106.07	49.50	0.00022
-113.14	42.43	0.00022	-120.21	35.36	0.00021
-127.28	28.28	0.00021	-134.35	21.21	0.00020
-141.42	14.14	0.00019	-148.49	7.07	0.00018
0.00	141.42	0.00009	-7.07	134.35	0.00010
-14.14	127.28	0.00011	-21.21	120.21	0.00013
-28.28	113.14	0.00015	-35.36	106.07	0.00017
-42.43	98.99	0.00019	-49.50	91.92	0.00021
-53.03	88.39	0.00021	-56.57	84.85	0.00022
-58.69	82.73	0.00022	-60.10	81.32	0.00023
-61.52	79.90	0.00023	-62.93	78.49	0.00023
-64.35	77.07	0.00023	-77.07	64.35	0.00024
-78.49	62.93	0.00024	-79.90	61.52	0.00024

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00024	-82.73	58.69	0.00024
-84.85	56.57	0.00024	-88.39	53.03	0.00024
-91.92	49.50	0.00024	-98.99	42.43	0.00024
-106.07	35.36	0.00024	-113.14	28.28	0.00023
-120.21	21.21	0.00023	-127.28	14.14	0.00022
-134.35	7.07	0.00021	-141.42	0.00	0.00019

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00009	0.00	127.28	0.00010
-7.07	120.21	0.00012	-14.14	113.14	0.00014
-21.21	106.07	0.00016	-28.28	98.99	0.00018
-35.36	91.92	0.00020	-42.43	84.85	0.00023
-45.96	81.32	0.00024	-49.50	77.78	0.00024
-51.62	75.66	0.00025	-53.03	74.25	0.00025
-54.45	72.83	0.00025	-55.86	71.42	0.00025
-57.28	70.00	0.00026	-70.00	57.28	0.00027
-71.42	55.86	0.00027	-72.83	54.45	0.00027
-74.25	53.03	0.00027	-75.66	51.62	0.00027
-77.78	49.50	0.00027	-81.32	45.96	0.00027
-84.85	42.43	0.00027	-91.92	35.36	0.00027
-98.99	28.28	0.00026	-106.07	21.21	0.00026
-113.14	14.14	0.00025	-120.21	7.07	0.00024
-127.28	0.00	0.00022	-134.35	-7.07	0.00021
14.14	127.28	0.00009	7.07	120.21	0.00011
0.00	113.14	0.00012	-7.07	106.07	0.00014
-14.14	98.99	0.00017	-21.21	91.92	0.00019
-28.28	84.85	0.00022	-35.36	77.78	0.00025
-38.89	74.25	0.00026	-42.43	70.71	0.00027
-44.55	68.59	0.00027	-45.96	67.18	0.00028
-47.38	65.76	0.00028	-48.79	64.35	0.00028
-50.20	62.93	0.00028	-62.93	50.20	0.00030
-64.35	48.79	0.00030	-65.76	47.38	0.00030
-67.18	45.96	0.00030	-68.59	44.55	0.00030
-70.71	42.43	0.00030	-74.25	38.89	0.00030
-77.78	35.36	0.00030	-84.85	28.28	0.00030
-91.92	21.21	0.00029	-98.99	14.14	0.00028

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00027	-113.14	0.00	0.00025
-120.21	-7.07	0.00024	-127.28	-14.14	0.00022
21.21	120.21	0.00009	14.14	113.14	0.00011
7.07	106.07	0.00013	0.00	98.99	0.00015
-7.07	91.92	0.00018	-14.14	84.85	0.00021
-21.21	77.78	0.00024	-28.28	70.71	0.00027
-31.82	67.18	0.00029	-35.36	63.64	0.00030
-37.48	61.52	0.00031	-38.89	60.10	0.00031
-40.31	58.69	0.00031	-41.72	57.28	0.00032
-43.13	55.86	0.00032	-55.86	43.13	0.00034
-57.28	41.72	0.00034	-58.69	40.31	0.00034
-60.10	38.89	0.00034	-61.52	37.48	0.00034

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

15:39:36

**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
-63.64	35.36	0.00034	-67.18	31.82	0.00034
-70.71	28.28	0.00034	-77.78	21.21	0.00033
-84.85	14.14	0.00032	-91.92	7.07	0.00031
-98.99	0.00	0.00029	-106.07	-7.07	0.00027
-113.14	-14.14	0.00025	-120.21	-21.21	0.00023
28.28	113.14	0.00010	21.21	106.07	0.00011
14.14	98.99	0.00013	7.07	91.92	0.00016
0.00	84.85	0.00019	-7.07	77.78	0.00022
-14.14	70.71	0.00026	-21.21	63.64	0.00030
-24.75	60.10	0.00032	-28.28	56.57	0.00034
-30.41	54.45	0.00034	-31.82	53.03	0.00035
-33.23	51.62	0.00035	-34.65	50.20	0.00036
-36.06	48.79	0.00036	-48.79	36.06	0.00038
-50.20	34.65	0.00038	-51.62	33.23	0.00038
-53.03	31.82	0.00038	-54.45	30.41	0.00038
-56.57	28.28	0.00038	-60.10	24.75	0.00038
-63.64	21.21	0.00038	-70.71	14.14	0.00037
-77.78	7.07	0.00036	-84.85	0.00	0.00034
-91.92	-7.07	0.00032	-98.99	-14.14	0.00029
-106.07	-21.21	0.00026	-113.14	-28.28	0.00024
35.36	106.07	0.00010	28.28	98.99	0.00011
21.21	91.92	0.00014	14.14	84.85	0.00016

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00020	0.00	70.71	0.00024
-7.07	63.64	0.00028	-14.14	56.57	0.00033
-17.68	53.03	0.00035	-21.21	49.50	0.00038
-23.33	47.38	0.00039	-24.75	45.96	0.00039
-26.16	44.55	0.00040	-27.58	43.13	0.00041
-28.99	41.72	0.00041	-41.72	28.99	0.00043
-43.13	27.58	0.00044	-44.55	26.16	0.00044
-45.96	24.75	0.00044	-47.38	23.33	0.00044
-49.50	21.21	0.00044	-53.03	17.68	0.00043
-56.57	14.14	0.00043	-63.64	7.07	0.00042
-70.71	0.00	0.00040	-77.78	-7.07	0.00038
-84.85	-14.14	0.00035	-91.92	-21.21	0.00031
-98.99	-28.28	0.00028	-106.07	-35.36	0.00025
42.43	98.99	0.00010	35.36	91.92	0.00012
28.28	84.85	0.00014	21.21	77.78	0.00017
14.14	70.71	0.00020	7.07	63.64	0.00025
0.00	56.57	0.00031	-7.07	49.50	0.00037
-10.61	45.96	0.00040	-14.14	42.43	0.00043

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00044	-17.68	38.89	0.00045
-19.09	37.48	0.00046	-20.51	36.06	0.00046
-21.92	34.65	0.00047	-34.65	21.92	0.00050
-36.06	20.51	0.00050	-37.48	19.09	0.00050
-38.89	17.68	0.00050	-40.31	16.26	0.00050
-42.43	14.14	0.00050	-45.96	10.61	0.00050
-49.50	7.07	0.00049	-56.57	0.00	0.00047
-63.64	-7.07	0.00045	-70.71	-14.14	0.00041
-77.78	-21.21	0.00037	-84.85	-28.28	0.00033
-91.92	-35.36	0.00029	-98.99	-42.43	0.00026
49.50	91.92	0.00010	42.43	84.85	0.00012
35.36	77.78	0.00014	28.28	70.71	0.00017
21.21	63.64	0.00021	14.14	56.57	0.00027
7.07	49.50	0.00033	0.00	42.43	0.00040
-3.54	38.89	0.00044	-7.07	35.36	0.00048
-9.19	33.23	0.00050	-10.61	31.82	0.00052

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00053	-13.44	28.99	0.00054
-14.85	27.58	0.00055	-27.58	14.85	0.00058
-28.99	13.44	0.00059	-30.41	12.02	0.00059
-31.82	10.61	0.00059	-33.23	9.19	0.00058
-35.36	7.07	0.00058	-38.89	3.54	0.00057
-42.43	0.00	0.00057	-49.50	-7.07	0.00054
-56.57	-14.14	0.00050	-63.64	-21.21	0.00045
-70.71	-28.28	0.00040	-77.78	-35.36	0.00035
-84.85	-42.43	0.00030	-91.92	-49.50	0.00026
56.57	84.85	0.00010	49.50	77.78	0.00012
42.43	70.71	0.00015	35.36	63.64	0.00018
28.28	56.57	0.00022	21.21	49.50	0.00028
14.14	42.43	0.00036	7.07	35.36	0.00045
3.54	31.82	0.00050	0.00	28.28	0.00055
-2.12	26.16	0.00058	-3.54	24.75	0.00060
-4.95	23.33	0.00061	-6.36	21.92	0.00063
-7.78	20.51	0.00064	-20.51	7.78	0.00069
-21.92	6.36	0.00069	-23.33	4.95	0.00069
-24.75	3.54	0.00069	-26.16	2.12	0.00069
-28.28	0.00	0.00068	-31.82	-3.54	0.00067
-35.36	-7.07	0.00066	-42.43	-14.14	0.00062
-49.50	-21.21	0.00056	-56.57	-28.28	0.00049
-63.64	-35.36	0.00042	-70.71	-42.43	0.00037
-77.78	-49.50	0.00031	-84.85	-56.57	0.00027

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00011	56.57	70.71	0.00012
49.50	63.64	0.00015	42.43	56.57	0.00018
35.36	49.50	0.00023	28.28	42.43	0.00029
21.21	35.36	0.00038	14.14	28.28	0.00049
10.61	24.75	0.00056	7.07	21.21	0.00063
4.95	19.09	0.00067	3.54	17.68	0.00069
2.12	16.26	0.00072	0.71	14.85	0.00074
-0.71	13.44	0.00076	-13.44	0.71	0.00082
-14.85	-0.71	0.00082	-16.26	-2.12	0.00082
-17.68	-3.54	0.00082	-19.09	-4.95	0.00081

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00081	-24.75	-10.61	0.00079
-28.28	-14.14	0.00077	-35.36	-21.21	0.00070
-42.43	-28.28	0.00061	-49.50	-35.36	0.00053
-56.57	-42.43	0.00045	-63.64	-49.50	0.00038
-70.71	-56.57	0.00032	-77.78	-63.64	0.00028
70.71	70.71	0.00011	63.64	63.64	0.00013
56.57	56.57	0.00015	49.50	49.50	0.00019
42.43	42.43	0.00024	35.36	35.36	0.00031
28.28	28.28	0.00040	21.21	21.21	0.00054
17.68	17.68	0.00062	14.14	14.14	0.00072
12.02	12.02	0.00077	10.61	10.61	0.00081
9.19	9.19	0.00084	7.78	7.78	0.00088
6.36	6.36	0.00090	-6.36	-6.36	0.00100
-7.78	-7.78	0.00099	-9.19	-9.19	0.00099
-10.61	-10.61	0.00098	-12.02	-12.02	0.00098
-14.14	-14.14	0.00096	-17.68	-17.68	0.00093
-21.21	-21.21	0.00089	-28.28	-28.28	0.00078
-35.36	-35.36	0.00066	-42.43	-42.43	0.00056
-49.50	-49.50	0.00047	-56.57	-56.57	0.00039
-63.64	-63.64	0.00034	-70.71	-70.71	0.00029
77.78	63.64	0.00011	70.71	56.57	0.00013
63.64	49.50	0.00016	56.57	42.43	0.00019
49.50	35.36	0.00024	42.43	28.28	0.00032
35.36	21.21	0.00042	28.28	14.14	0.00058
24.75	10.61	0.00069	21.21	7.07	0.00081
19.09	4.95	0.00089	17.68	3.54	0.00094
16.26	2.12	0.00100	14.85	0.71	0.00105
13.44	-0.71	0.00109	0.71	-13.44	0.00123
-0.71	-14.85	0.00122	-2.12	-16.26	0.00121
-3.54	-17.68	0.00119	-4.95	-19.09	0.00118

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

15:39:36
 **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
-7.07	-21.21	0.00115	-10.61	-24.75	0.00109
-14.14	-28.28	0.00101	-21.21	-35.36	0.00085
-28.28	-42.43	0.00071	-35.36	-49.50	0.00058
-42.43	-56.57	0.00049	-49.50	-63.64	0.00041

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00035	-63.64	-77.78	0.00031
84.85	56.57	0.00012	77.78	49.50	0.00014
70.71	42.43	0.00017	63.64	35.36	0.00020
56.57	28.28	0.00025	49.50	21.21	0.00033
42.43	14.14	0.00044	35.36	7.07	0.00062
31.82	3.54	0.00074	28.28	0.00	0.00090
26.16	-2.12	0.00101	24.75	-3.54	0.00109
23.33	-4.95	0.00117	21.92	-6.36	0.00125
20.51	-7.78	0.00132	7.78	-20.51	0.00152
6.36	-21.92	0.00150	4.95	-23.33	0.00148
3.54	-24.75	0.00145	2.12	-26.16	0.00142
0.00	-28.28	0.00136	-3.54	-31.82	0.00124
-7.07	-35.36	0.00113	-14.14	-42.43	0.00092
-21.21	-49.50	0.00075	-28.28	-56.57	0.00061
-35.36	-63.64	0.00051	-42.43	-70.71	0.00043
-49.50	-77.78	0.00037	-56.57	-84.85	0.00032
91.92	49.50	0.00013	84.85	42.43	0.00015
77.78	35.36	0.00018	70.71	28.28	0.00021
63.64	21.21	0.00027	56.57	14.14	0.00035
49.50	7.07	0.00046	42.43	0.00	0.00065
38.89	-3.54	0.00079	35.36	-7.07	0.00098
33.23	-9.19	0.00111	31.82	-10.61	0.00122
30.41	-12.02	0.00133	28.99	-13.44	0.00146
27.58	-14.85	0.00158	14.85	-27.58	0.00190
13.44	-28.99	0.00184	12.02	-30.41	0.00178
10.61	-31.82	0.00171	9.19	-33.23	0.00164
7.07	-35.36	0.00153	3.54	-38.89	0.00136
0.00	-42.43	0.00122	-7.07	-49.50	0.00098
-14.14	-56.57	0.00079	-21.21	-63.64	0.00065
-28.28	-70.71	0.00054	-35.36	-77.78	0.00045
-42.43	-84.85	0.00039	-49.50	-91.92	0.00033
98.99	42.43	0.00013	91.92	35.36	0.00016
84.85	28.28	0.00019	77.78	21.21	0.00023
70.71	14.14	0.00028	63.64	7.07	0.00037
56.57	0.00	0.00050	49.50	-7.07	0.00070
45.96	-10.61	0.00085	42.43	-14.14	0.00105

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound
 ** 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	0.00121	38.89	-17.68	0.00133
37.48	-19.09	0.00147	36.06	-20.51	0.00163
34.65	-21.92	0.00181	21.92	-34.65	0.00226
20.51	-36.06	0.00213	19.09	-37.48	0.00200
17.68	-38.89	0.00189	16.26	-40.31	0.00180
14.14	-42.43	0.00166	10.61	-45.96	0.00147
7.07	-49.50	0.00131	0.00	-56.57	0.00104
-7.07	-63.64	0.00083	-14.14	-70.71	0.00068
-21.21	-77.78	0.00056	-28.28	-84.85	0.00047
-35.36	-91.92	0.00040	-42.43	-98.99	0.00035
106.07	35.36	0.00014	98.99	28.28	0.00017
91.92	21.21	0.00020	84.85	14.14	0.00024
77.78	7.07	0.00031	70.71	0.00	0.00040
63.64	-7.07	0.00054	56.57	-14.14	0.00077
53.03	-17.68	0.00094	49.50	-21.21	0.00118
47.38	-23.33	0.00137	45.96	-24.75	0.00151
44.55	-26.16	0.00169	43.13	-27.58	0.00191
41.72	-28.99	0.00220	28.99	-41.72	0.00258
27.58	-43.13	0.00237	26.16	-44.55	0.00220
24.75	-45.96	0.00206	23.33	-47.38	0.00194
21.21	-49.50	0.00178	17.68	-53.03	0.00156
14.14	-56.57	0.00137	7.07	-63.64	0.00108
0.00	-70.71	0.00086	-7.07	-77.78	0.00070
-14.14	-84.85	0.00058	-21.21	-91.92	0.00048
-28.28	-98.99	0.00041	-35.36	-106.07	0.00036
113.14	28.28	0.00015	106.07	21.21	0.00018
98.99	14.14	0.00021	91.92	7.07	0.00026
84.85	0.00	0.00033	77.78	-7.07	0.00044
70.71	-14.14	0.00061	63.64	-21.21	0.00092
60.10	-24.75	0.00118	56.57	-28.28	0.00156
54.45	-30.41	0.00190	53.03	-31.82	0.00219
51.62	-33.23	0.00256	50.20	-34.65	0.00304
48.79	-36.06	0.00368	36.06	-48.79	0.00327
34.65	-50.20	0.00286	33.23	-51.62	0.00256
31.82	-53.03	0.00233	30.41	-54.45	0.00215
28.28	-56.57	0.00193	24.75	-60.10	0.00166
21.21	-63.64	0.00145	14.14	-70.71	0.00112
7.07	-77.78	0.00088	0.00	-84.85	0.00072
-7.07	-91.92	0.00059	-14.14	-98.99	0.00050
-21.21	-106.07	0.00042	-28.28	-113.14	0.00036

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36
 **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
120.21	21.21	0.00016	113.14	14.14	0.00019
106.07	7.07	0.00024	98.99	0.00	0.00030
91.92	-7.07	0.00039	84.85	-14.14	0.00052
77.78	-21.21	0.00076	70.71	-28.28	0.00122
67.18	-31.82	0.00162	63.64	-35.36	0.00224
61.52	-37.48	0.00278	60.10	-38.89	0.00323
58.69	-40.31	0.00379	57.28	-41.72	0.00446
55.86	-43.13	0.00531	43.13	-55.86	0.00417
41.72	-57.28	0.00357	40.31	-58.69	0.00314
38.89	-60.10	0.00281	37.48	-61.52	0.00254
35.36	-63.64	0.00222	31.82	-67.18	0.00183
28.28	-70.71	0.00154	21.21	-77.78	0.00116
14.14	-84.85	0.00092	7.07	-91.92	0.00074
0.00	-98.99	0.00061	-7.07	-106.07	0.00051
-14.14	-113.14	0.00043	-21.21	-120.21	0.00037
127.28	14.14	0.00018	120.21	7.07	0.00022
113.14	0.00	0.00027	106.07	-7.07	0.00035
98.99	-14.14	0.00046	91.92	-21.21	0.00065
84.85	-28.28	0.00098	77.78	-35.36	0.00162
74.25	-38.89	0.00218	70.71	-42.43	0.00300
68.59	-44.55	0.00369	67.18	-45.96	0.00424
65.76	-47.38	0.00491	64.35	-48.79	0.00569
62.93	-50.20	0.00663	50.20	-62.93	0.00502
48.79	-64.35	0.00431	47.38	-65.76	0.00376
45.96	-67.18	0.00333	44.55	-68.59	0.00298
42.43	-70.71	0.00257	38.89	-74.25	0.00206
35.36	-77.78	0.00170	28.28	-84.85	0.00123
21.21	-91.92	0.00095	14.14	-98.99	0.00077
7.07	-106.07	0.00063	0.00	-113.14	0.00053
-7.07	-120.21	0.00045	-14.14	-127.28	0.00038
134.35	7.07	0.00020	127.28	0.00	0.00025
120.21	-7.07	0.00032	113.14	-14.14	0.00042
106.07	-21.21	0.00057	98.99	-28.28	0.00081
91.92	-35.36	0.00125	84.85	-42.43	0.00206
81.32	-45.96	0.00273	77.78	-49.50	0.00370
75.66	-51.62	0.00447	74.25	-53.03	0.00509

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00581	71.42	-55.86	0.00663
70.00	-57.28	0.00762	57.28	-70.00	0.00573
55.86	-71.42	0.00493	54.45	-72.83	0.00431
53.03	-74.25	0.00380	51.62	-75.66	0.00339

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00289	45.96	-81.32	0.00229
42.43	-84.85	0.00187	35.36	-91.92	0.00133
28.28	-98.99	0.00100	21.21	-106.07	0.00080
14.14	-113.14	0.00065	7.07	-120.21	0.00055
0.00	-127.28	0.00046	-7.07	-134.35	0.00039
141.42	0.00	0.00023	134.35	-7.07	0.00029
127.28	-14.14	0.00038	120.21	-21.21	0.00050
113.14	-28.28	0.00069	106.07	-35.36	0.00100
98.99	-42.43	0.00153	91.92	-49.50	0.00249
88.39	-53.03	0.00325	84.85	-56.57	0.00429
82.73	-58.69	0.00511	81.32	-60.10	0.00575
79.90	-61.52	0.00649	78.49	-62.93	0.00733
77.07	-64.35	0.00832	64.35	-77.07	0.00624
62.93	-78.49	0.00539	61.52	-79.90	0.00473
60.10	-81.32	0.00417	58.69	-82.73	0.00372
56.57	-84.85	0.00316	53.03	-88.39	0.00249
49.50	-91.92	0.00203	42.43	-98.99	0.00144
35.36	-106.07	0.00108	28.28	-113.14	0.00084
21.21	-120.21	0.00068	14.14	-127.28	0.00056
7.07	-134.35	0.00047	0.00	-141.42	0.00040
148.49	-7.07	0.00027	141.42	-14.14	0.00034
134.35	-21.21	0.00044	127.28	-28.28	0.00059
120.21	-35.36	0.00082	113.14	-42.43	0.00120
106.07	-49.50	0.00181	98.99	-56.57	0.00288
95.46	-60.10	0.00369	91.92	-63.64	0.00478
89.80	-65.76	0.00561	88.39	-67.18	0.00625
86.97	-68.59	0.00698	85.56	-70.00	0.00781
84.15	-71.42	0.00878	71.42	-84.15	0.00655
70.00	-85.56	0.00567	68.59	-86.97	0.00499
67.18	-88.39	0.00442	65.76	-89.80	0.00395

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00337	60.10	-95.46	0.00267
56.57	-98.99	0.00219	49.50	-106.07	0.00156
42.43	-113.14	0.00116	35.36	-120.21	0.00089
28.28	-127.28	0.00070	21.21	-134.35	0.00057
14.14	-141.42	0.00047	7.07	-148.49	0.00040
155.56	-14.14	0.00030	148.49	-21.21	0.00039
141.42	-28.28	0.00051	134.35	-35.36	0.00069
127.28	-42.43	0.00096	120.21	-49.50	0.00139
113.14	-56.57	0.00208	106.07	-63.64	0.00322
102.53	-67.18	0.00407	98.99	-70.71	0.00518

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00601	95.46	-74.25	0.00664
94.05	-75.66	0.00734	92.63	-77.07	0.00814
91.22	-78.49	0.00908	78.49	-91.22	0.00666
77.07	-92.63	0.00580	75.66	-94.05	0.00513
74.25	-95.46	0.00458	72.83	-96.87	0.00412
70.71	-98.99	0.00356	67.18	-102.53	0.00285
63.64	-106.07	0.00234	56.57	-113.14	0.00166
49.50	-120.21	0.00123	42.43	-127.28	0.00094
35.36	-134.35	0.00073	28.28	-141.42	0.00058
21.21	-148.49	0.00048	14.14	-155.56	0.00040
162.63	-21.21	0.00034	155.56	-28.28	0.00044
148.49	-35.36	0.00058	141.42	-42.43	0.00079
134.35	-49.50	0.00109	127.28	-56.57	0.00156
120.21	-63.64	0.00230	113.14	-70.71	0.00350
109.60	-74.25	0.00437	106.07	-77.78	0.00549
103.94	-79.90	0.00632	102.53	-81.32	0.00694
101.12	-82.73	0.00763	99.70	-84.15	0.00841
98.29	-85.56	0.00929	85.56	-98.29	0.00669
84.15	-99.70	0.00589	82.73	-101.12	0.00525
81.32	-102.53	0.00473	79.90	-103.94	0.00428
77.78	-106.07	0.00372	74.25	-109.60	0.00299
70.71	-113.14	0.00246	63.64	-120.21	0.00174
56.57	-127.28	0.00129	49.50	-134.35	0.00098
42.43	-141.42	0.00076	35.36	-148.49	0.00061

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00049	21.21	-162.63	0.00041
169.71	-28.28	0.00039	162.63	-35.36	0.00050
155.56	-42.43	0.00066	148.49	-49.50	0.00089
141.42	-56.57	0.00122	134.35	-63.64	0.00172
127.28	-70.71	0.00249	120.21	-77.78	0.00371
116.67	-81.32	0.00458	113.14	-84.85	0.00568
111.02	-86.97	0.00648	109.60	-88.39	0.00708
108.19	-89.80	0.00774	106.77	-91.22	0.00847
105.36	-92.63	0.00924	92.63	-105.36	0.00666
91.22	-106.77	0.00594	89.80	-108.19	0.00533
88.39	-109.60	0.00483	86.97	-111.02	0.00439
84.85	-113.14	0.00384	81.32	-116.67	0.00312
77.78	-120.21	0.00257	70.71	-127.28	0.00182
63.64	-134.35	0.00135	56.57	-141.42	0.00103
49.50	-148.49	0.00080	42.43	-155.56	0.00063
35.36	-162.63	0.00051	28.28	-169.71	0.00042

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00044	169.71	-42.43	0.00056
162.63	-49.50	0.00073	155.56	-56.57	0.00098
148.49	-63.64	0.00133	141.42	-70.71	0.00184
134.35	-77.78	0.00262	127.28	-84.85	0.00379
123.74	-88.39	0.00459	120.21	-91.92	0.00555
118.09	-94.05	0.00620	116.67	-95.46	0.00666
115.26	-96.87	0.00713	113.84	-98.29	0.00759
112.43	-99.70	0.00800	99.70	-112.43	0.00616
98.29	-113.84	0.00565	96.87	-115.26	0.00518
95.46	-116.67	0.00476	94.05	-118.09	0.00438
91.92	-120.21	0.00386	88.39	-123.74	0.00317
84.85	-127.28	0.00263	77.78	-134.35	0.00187
70.71	-141.42	0.00139	63.64	-148.49	0.00106
56.57	-155.56	0.00083	49.50	-162.63	0.00066
42.43	-169.71	0.00054	35.36	-176.78	0.00044
183.85	-42.43	0.00048	176.78	-49.50	0.00061
169.71	-56.57	0.00080	162.63	-63.64	0.00105
155.56	-70.71	0.00141	148.49	-77.78	0.00192

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00265	134.35	-91.92	0.00368
130.81	-95.46	0.00434	127.28	-98.99	0.00506
125.16	-101.12	0.00551	123.74	-102.53	0.00581
122.33	-103.94	0.00609	120.92	-105.36	0.00634
119.50	-106.77	0.00655	106.77	-119.50	0.00541
105.36	-120.92	0.00507	103.94	-122.33	0.00474
102.53	-123.74	0.00442	101.12	-125.16	0.00411
98.99	-127.28	0.00370	95.46	-130.81	0.00311
91.92	-134.35	0.00262	84.85	-141.42	0.00190
77.78	-148.49	0.00141	70.71	-155.56	0.00109
63.64	-162.63	0.00086	56.57	-169.71	0.00068
49.50	-176.78	0.00055	42.43	-183.85	0.00046
190.92	-49.50	0.00052	183.85	-56.57	0.00066
176.78	-63.64	0.00085	169.71	-70.71	0.00110
162.63	-77.78	0.00145	155.56	-84.85	0.00193
148.49	-91.92	0.00258	141.42	-98.99	0.00343
137.89	-102.53	0.00393	134.35	-106.07	0.00444
132.23	-108.19	0.00474	130.81	-109.60	0.00492
129.40	-111.02	0.00508	127.99	-112.43	0.00522
126.57	-113.84	0.00534	113.84	-126.57	0.00462
112.43	-127.99	0.00441	111.02	-129.40	0.00419
109.60	-130.81	0.00396	108.19	-132.23	0.00374

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

15:39:36

**MODELOPTs:

PAGE 59

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW 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
106.07	-134.35	0.00341	102.53	-137.89	0.00293
98.99	-141.42	0.00252	91.92	-148.49	0.00188
84.85	-155.56	0.00142	77.78	-162.63	0.00110
70.71	-169.71	0.00087	63.64	-176.78	0.00070
56.57	-183.85	0.00057	49.50	-190.92	0.00047
197.99	-56.57	0.00055	190.92	-63.64	0.00069
183.85	-70.71	0.00088	176.78	-77.78	0.00113
169.71	-84.85	0.00146	162.63	-91.92	0.00189
155.56	-98.99	0.00245	148.49	-106.07	0.00312
144.96	-109.60	0.00349	141.42	-113.14	0.00384
139.30	-115.26	0.00403	137.89	-116.67	0.00414
136.47	-118.09	0.00424	135.06	-119.50	0.00433

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00439	120.92	-133.64	0.00392
119.50	-135.06	0.00378	118.09	-136.47	0.00364
116.67	-137.89	0.00349	115.26	-139.30	0.00333
113.14	-141.42	0.00309	109.60	-144.96	0.00270
106.07	-148.49	0.00236	98.99	-155.56	0.00181
91.92	-162.63	0.00141	84.85	-169.71	0.00110
77.78	-176.78	0.00088	70.71	-183.85	0.00071
63.64	-190.92	0.00058	56.57	-197.99	0.00048
205.06	-63.64	0.00058	197.99	-70.71	0.00072
190.92	-77.78	0.00090	183.85	-84.85	0.00113
176.78	-91.92	0.00144	169.71	-98.99	0.00181
162.63	-106.07	0.00227	155.56	-113.14	0.00280
152.03	-116.67	0.00306	148.49	-120.21	0.00330
146.37	-122.33	0.00343	144.96	-123.74	0.00351
143.54	-125.16	0.00357	142.13	-126.57	0.00362
140.71	-127.99	0.00365	127.99	-140.71	0.00333
126.57	-142.13	0.00324	125.16	-143.54	0.00314
123.74	-144.96	0.00304	122.33	-146.37	0.00293
120.21	-148.49	0.00275	116.67	-152.03	0.00246
113.14	-155.56	0.00218	106.07	-162.63	0.00171
98.99	-169.71	0.00136	91.92	-176.78	0.00109
84.85	-183.85	0.00088	77.78	-190.92	0.00071
70.71	-197.99	0.00059	63.64	-205.06	0.00049
212.13	-70.71	0.00060	205.06	-77.78	0.00073
197.99	-84.85	0.00091	190.92	-91.92	0.00112
183.85	-98.99	0.00139	176.78	-106.07	0.00171
169.71	-113.14	0.00209	162.63	-120.21	0.00249
159.10	-123.74	0.00268	155.56	-127.28	0.00285

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00294	152.03	-130.81	0.00299
150.61	-132.23	0.00303	149.20	-133.64	0.00306
147.79	-135.06	0.00308	135.06	-147.79	0.00284
133.64	-149.20	0.00278	132.23	-150.61	0.00271
130.81	-152.03	0.00264	129.40	-153.44	0.00257
127.28	-155.56	0.00244	123.74	-159.10	0.00222

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00200	113.14	-169.71	0.00160
106.07	-176.78	0.00129	98.99	-183.85	0.00105
91.92	-190.92	0.00086	84.85	-197.99	0.00071
77.78	-205.06	0.00059	70.71	-212.13	0.00050
219.20	-77.78	0.00061	212.13	-84.85	0.00074
205.06	-91.92	0.00090	197.99	-98.99	0.00109
190.92	-106.07	0.00133	183.85	-113.14	0.00160
176.78	-120.21	0.00191	169.71	-127.28	0.00221
166.17	-130.81	0.00235	162.63	-134.35	0.00247
160.51	-136.47	0.00253	159.10	-137.89	0.00257
157.68	-139.30	0.00259	156.27	-140.71	0.00261
154.86	-142.13	0.00263	142.13	-154.86	0.00245
140.71	-156.27	0.00240	139.30	-157.68	0.00236
137.89	-159.10	0.00231	136.47	-160.51	0.00225
134.35	-162.63	0.00216	130.81	-166.17	0.00200
127.28	-169.71	0.00183	120.21	-176.78	0.00150
113.14	-183.85	0.00122	106.07	-190.92	0.00101
98.99	-197.99	0.00084	91.92	-205.06	0.00070
84.85	-212.13	0.00059	77.78	-219.20	0.00050
226.27	-84.85	0.00061	219.20	-91.92	0.00073
212.13	-98.99	0.00088	205.06	-106.07	0.00106
197.99	-113.14	0.00126	190.92	-120.21	0.00149
183.85	-127.28	0.00173	176.78	-134.35	0.00197
173.24	-137.89	0.00207	169.71	-141.42	0.00216
167.58	-143.54	0.00220	166.17	-144.96	0.00223
164.76	-146.37	0.00224	163.34	-147.79	0.00226
161.93	-149.20	0.00226	149.20	-161.93	0.00213
147.79	-163.34	0.00209	146.37	-164.76	0.00206
144.96	-166.17	0.00202	143.54	-167.58	0.00198
141.42	-169.71	0.00191	137.89	-173.24	0.00179
134.35	-176.78	0.00166	127.28	-183.85	0.00139
120.21	-190.92	0.00115	113.14	-197.99	0.00096
106.07	-205.06	0.00081	98.99	-212.13	0.00068
91.92	-219.20	0.00058	84.85	-226.27	0.00050

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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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19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00061	226.27	-98.99	0.00072
219.20	-106.07	0.00086	212.13	-113.14	0.00101
205.06	-120.21	0.00119	197.99	-127.28	0.00138
190.92	-134.35	0.00157	183.85	-141.42	0.00176
180.31	-144.96	0.00184	176.78	-148.49	0.00190
174.66	-150.61	0.00193	173.24	-152.03	0.00195
171.83	-153.44	0.00196	170.41	-154.86	0.00197
169.00	-156.27	0.00197	156.27	-169.00	0.00186
154.86	-170.41	0.00184	153.44	-171.83	0.00181
152.03	-173.24	0.00178	150.61	-174.66	0.00175
148.49	-176.78	0.00170	144.96	-180.31	0.00161
141.42	-183.85	0.00151	134.35	-190.92	0.00129
127.28	-197.99	0.00108	120.21	-205.06	0.00091
113.14	-212.13	0.00077	106.07	-219.20	0.00066
98.99	-226.27	0.00057	91.92	-233.35	0.00049
240.42	-98.99	0.00060	233.35	-106.07	0.00071
226.27	-113.14	0.00083	219.20	-120.21	0.00096
212.13	-127.28	0.00111	205.06	-134.35	0.00127
197.99	-141.42	0.00143	190.92	-148.49	0.00157
187.38	-152.03	0.00163	183.85	-155.56	0.00168
181.73	-157.68	0.00170	180.31	-159.10	0.00171
178.90	-160.51	0.00172	177.48	-161.93	0.00173
176.07	-163.34	0.00173	163.34	-176.07	0.00164
161.93	-177.48	0.00163	160.51	-178.90	0.00160
159.10	-180.31	0.00158	157.68	-181.73	0.00156
155.56	-183.85	0.00152	152.03	-187.38	0.00145
148.49	-190.92	0.00137	141.42	-197.99	0.00119
134.35	-205.06	0.00102	127.28	-212.13	0.00086
120.21	-219.20	0.00074	113.14	-226.27	0.00063
106.07	-233.35	0.00055	98.99	-240.42	0.00048
247.49	-106.07	0.00059	240.42	-113.14	0.00069
233.35	-120.21	0.00079	226.27	-127.28	0.00091
219.20	-134.35	0.00104	212.13	-141.42	0.00117
205.06	-148.49	0.00130	197.99	-155.56	0.00142
194.45	-159.10	0.00146	190.92	-162.63	0.00150
188.80	-164.76	0.00151	187.38	-166.17	0.00152
185.97	-167.58	0.00153	184.55	-169.00	0.00153
183.14	-170.41	0.00153	170.41	-183.14	0.00146
169.00	-184.55	0.00145	167.58	-185.97	0.00143
166.17	-187.38	0.00141	164.76	-188.80	0.00139

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00136	159.10	-194.45	0.00131	
155.56	-197.99	0.00125	148.49	-205.06	0.00110	
141.42	-212.13	0.00096	134.35	-219.20	0.00082	
127.28	-226.27	0.00070	120.21	-233.35	0.00061	
113.14	-240.42	0.00053	106.07	-247.49	0.00047	

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00015	-178.90	160.51	0.00015
-180.31	159.10	0.00015	-181.73	157.68	0.00015
-183.85	155.56	0.00016	-187.38	152.03	0.00016
-190.92	148.49	0.00016	-197.99	141.42	0.00016
-205.06	134.35	0.00016	-212.13	127.28	0.00015
-219.20	120.21	0.00015	-226.27	113.14	0.00015
-233.35	106.07	0.00015	-240.42	98.99	0.00014
-91.92	233.35	0.00008	-98.99	226.27	0.00009
-106.07	219.20	0.00010	-113.14	212.13	0.00011
-120.21	205.06	0.00012	-127.28	197.99	0.00013
-134.35	190.92	0.00014	-141.42	183.85	0.00015
-144.96	180.31	0.00015	-148.49	176.78	0.00016
-150.61	174.66	0.00016	-152.03	173.24	0.00016
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00017
-170.41	154.86	0.00017	-171.83	153.44	0.00017
-173.24	152.03	0.00017	-174.66	150.61	0.00017

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00017	-180.31	144.96	0.00017
-183.85	141.42	0.00017	-190.92	134.35	0.00017
-197.99	127.28	0.00017	-205.06	120.21	0.00017
-212.13	113.14	0.00016	-219.20	106.07	0.00016
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00008	-91.92	219.20	0.00009
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00012	-120.21	190.92	0.00014
-127.28	183.85	0.00015	-134.35	176.78	0.00016
-137.89	173.24	0.00017	-141.42	169.71	0.00017
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00018	-161.93	149.20	0.00018
-163.34	147.79	0.00018	-164.76	146.37	0.00018
-166.17	144.96	0.00018	-167.58	143.54	0.00018
-169.71	141.42	0.00018	-173.24	137.89	0.00018
-176.78	134.35	0.00019	-183.85	127.28	0.00018

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00011	-84.85	183.85	0.00013
-91.92	176.78	0.00015	-98.99	169.71	0.00017
-106.07	162.63	0.00019	-113.14	155.56	0.00021
-116.67	152.03	0.00021	-120.21	148.49	0.00022
-122.33	146.37	0.00022	-123.74	144.96	0.00023
-125.16	143.54	0.00023	-126.57	142.13	0.00023
-127.99	140.71	0.00023	-140.71	127.99	0.00024
-142.13	126.57	0.00024	-143.54	125.16	0.00024
-144.96	123.74	0.00024	-146.37	122.33	0.00024
-148.49	120.21	0.00024	-152.03	116.67	0.00024
-155.56	113.14	0.00024	-162.63	106.07	0.00024
-169.71	98.99	0.00024	-176.78	91.92	0.00023
-183.85	84.85	0.00023	-190.92	77.78	0.00022
-197.99	70.71	0.00021	-205.06	63.64	0.00019
-56.57	197.99	0.00009	-63.64	190.92	0.00010
-70.71	183.85	0.00012	-77.78	176.78	0.00014
-84.85	169.71	0.00016	-91.92	162.63	0.00018
-98.99	155.56	0.00020	-106.07	148.49	0.00023
-109.60	144.96	0.00024	-113.14	141.42	0.00024
-115.26	139.30	0.00025	-116.67	137.89	0.00025
-118.09	136.47	0.00025	-119.50	135.06	0.00025
-120.92	133.64	0.00026	-133.64	120.92	0.00027
-135.06	119.50	0.00027	-136.47	118.09	0.00027
-137.89	116.67	0.00027	-139.30	115.26	0.00027
-141.42	113.14	0.00027	-144.96	109.60	0.00027
-148.49	106.07	0.00027	-155.56	98.99	0.00027
-162.63	91.92	0.00026	-169.71	84.85	0.00026
-176.78	77.78	0.00025	-183.85	70.71	0.00024
-190.92	63.64	0.00022	-197.99	56.57	0.00021

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

15:39:36
 **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
-49.50	190.92	0.00009	-56.57	183.85	0.00011
-63.64	176.78	0.00012	-70.71	169.71	0.00014
-77.78	162.63	0.00017	-84.85	155.56	0.00019
-91.92	148.49	0.00022	-98.99	141.42	0.00025
-102.53	137.89	0.00026	-106.07	134.35	0.00027

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00027	-109.60	130.81	0.00028
-111.02	129.40	0.00028	-112.43	127.99	0.00028
-113.84	126.57	0.00028	-126.57	113.84	0.00030
-127.99	112.43	0.00030	-129.40	111.02	0.00030
-130.81	109.60	0.00030	-132.23	108.19	0.00030
-134.35	106.07	0.00030	-137.89	102.53	0.00030
-141.42	98.99	0.00030	-148.49	91.92	0.00030
-155.56	84.85	0.00029	-162.63	77.78	0.00028
-169.71	70.71	0.00027	-176.78	63.64	0.00025
-183.85	56.57	0.00024	-190.92	49.50	0.00022
-42.43	183.85	0.00009	-49.50	176.78	0.00011
-56.57	169.71	0.00013	-63.64	162.63	0.00015
-70.71	155.56	0.00018	-77.78	148.49	0.00021
-84.85	141.42	0.00024	-91.92	134.35	0.00027
-95.46	130.81	0.00029	-98.99	127.28	0.00030
-101.12	125.16	0.00031	-102.53	123.74	0.00031
-103.94	122.33	0.00031	-105.36	120.92	0.00032
-106.77	119.50	0.00032	-119.50	106.77	0.00034
-120.92	105.36	0.00034	-122.33	103.94	0.00034
-123.74	102.53	0.00034	-125.16	101.12	0.00034
-127.28	98.99	0.00034	-130.81	95.46	0.00034
-134.35	91.92	0.00034	-141.42	84.85	0.00033
-148.49	77.78	0.00032	-155.56	70.71	0.00031
-162.63	63.64	0.00029	-169.71	56.57	0.00027
-176.78	49.50	0.00025	-183.85	42.43	0.00023
-35.36	176.78	0.00010	-42.43	169.71	0.00011
-49.50	162.63	0.00013	-56.57	155.56	0.00016
-63.64	148.49	0.00019	-70.71	141.42	0.00022
-77.78	134.35	0.00026	-84.85	127.28	0.00030
-88.39	123.74	0.00032	-91.92	120.21	0.00034
-94.05	118.09	0.00034	-95.46	116.67	0.00035
-96.87	115.26	0.00035	-98.29	113.84	0.00036
-99.70	112.43	0.00036	-112.43	99.70	0.00038
-113.84	98.29	0.00038	-115.26	96.87	0.00038
-116.67	95.46	0.00038	-118.09	94.05	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 15:39:36
 **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 **

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00038	-123.74	88.39	0.00038
-127.28	84.85	0.00038	-134.35	77.78	0.00037
-141.42	70.71	0.00036	-148.49	63.64	0.00034
-155.56	56.57	0.00032	-162.63	49.50	0.00029
-169.71	42.43	0.00026	-176.78	35.36	0.00024
-28.28	169.71	0.00010	-35.36	162.63	0.00011
-42.43	155.56	0.00014	-49.50	148.49	0.00016
-56.57	141.42	0.00020	-63.64	134.35	0.00024
-70.71	127.28	0.00028	-77.78	120.21	0.00033
-81.32	116.67	0.00035	-84.85	113.14	0.00038
-86.97	111.02	0.00039	-88.39	109.60	0.00039
-89.80	108.19	0.00040	-91.22	106.77	0.00041
-92.63	105.36	0.00041	-105.36	92.63	0.00043
-106.77	91.22	0.00044	-108.19	89.80	0.00044
-109.60	88.39	0.00044	-111.02	86.97	0.00044
-113.14	84.85	0.00044	-116.67	81.32	0.00043
-120.21	77.78	0.00043	-127.28	70.71	0.00042
-134.35	63.64	0.00040	-141.42	56.57	0.00038
-148.49	49.50	0.00035	-155.56	42.43	0.00031
-162.63	35.36	0.00028	-169.71	28.28	0.00025
-21.21	162.63	0.00010	-28.28	155.56	0.00012
-35.36	148.49	0.00014	-42.43	141.42	0.00017
-49.50	134.35	0.00020	-56.57	127.28	0.00025
-63.64	120.21	0.00031	-70.71	113.14	0.00037
-74.25	109.60	0.00040	-77.78	106.07	0.00043
-79.90	103.94	0.00044	-81.32	102.53	0.00045
-82.73	101.12	0.00046	-84.15	99.70	0.00046
-85.56	98.29	0.00047	-98.29	85.56	0.00050
-99.70	84.15	0.00050	-101.12	82.73	0.00050
-102.53	81.32	0.00050	-103.94	79.90	0.00050
-106.07	77.78	0.00050	-109.60	74.25	0.00050
-113.14	70.71	0.00049	-120.21	63.64	0.00047
-127.28	56.57	0.00045	-134.35	49.50	0.00041
-141.42	42.43	0.00037	-148.49	35.36	0.00033
-155.56	28.28	0.00029	-162.63	21.21	0.00026
-14.14	155.56	0.00010	-21.21	148.49	0.00012
-28.28	141.42	0.00014	-35.36	134.35	0.00017
-42.43	127.28	0.00021	-49.50	120.21	0.00027
-56.57	113.14	0.00033	-63.64	106.07	0.00040
-67.18	102.53	0.00044	-70.71	98.99	0.00048

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**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
-72.83	96.87	0.00050	-74.25	95.46	0.00052
-75.66	94.05	0.00053	-77.07	92.63	0.00054
-78.49	91.22	0.00055	-91.22	78.49	0.00058
-92.63	77.07	0.00059	-94.05	75.66	0.00059
-95.46	74.25	0.00059	-96.87	72.83	0.00058
-98.99	70.71	0.00058	-102.53	67.18	0.00057
-106.07	63.64	0.00057	-113.14	56.57	0.00054
-120.21	49.50	0.00050	-127.28	42.43	0.00045
-134.35	35.36	0.00040	-141.42	28.28	0.00035
-148.49	21.21	0.00030	-155.56	14.14	0.00026
-7.07	148.49	0.00010	-14.14	141.42	0.00012
-21.21	134.35	0.00015	-28.28	127.28	0.00018
-35.36	120.21	0.00022	-42.43	113.14	0.00028
-49.50	106.07	0.00036	-56.57	98.99	0.00045
-60.10	95.46	0.00050	-63.64	91.92	0.00055
-65.76	89.80	0.00058	-67.18	88.39	0.00060
-68.59	86.97	0.00061	-70.00	85.56	0.00063
-71.42	84.15	0.00064	-84.15	71.42	0.00069
-85.56	70.00	0.00069	-86.97	68.59	0.00069
-88.39	67.18	0.00069	-89.80	65.76	0.00069
-91.92	63.64	0.00068	-95.46	60.10	0.00067
-98.99	56.57	0.00066	-106.07	49.50	0.00062
-113.14	42.43	0.00056	-120.21	35.36	0.00049
-127.28	28.28	0.00042	-134.35	21.21	0.00037
-141.42	14.14	0.00031	-148.49	7.07	0.00027
0.00	141.42	0.00011	-7.07	134.35	0.00012
-14.14	127.28	0.00015	-21.21	120.21	0.00018
-28.28	113.14	0.00023	-35.36	106.07	0.00029
-42.43	98.99	0.00038	-49.50	91.92	0.00049
-53.03	88.39	0.00056	-56.57	84.85	0.00063
-58.69	82.73	0.00067	-60.10	81.32	0.00069
-61.52	79.90	0.00072	-62.93	78.49	0.00074
-64.35	77.07	0.00076	-77.07	64.35	0.00082
-78.49	62.93	0.00082	-79.90	61.52	0.00082
-81.32	60.10	0.00082	-82.73	58.69	0.00081
-84.85	56.57	0.00081	-88.39	53.03	0.00079
-91.92	49.50	0.00077	-98.99	42.43	0.00070

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00061	-113.14	28.28	0.00053
-120.21	21.21	0.00045	-127.28	14.14	0.00038
-134.35	7.07	0.00032	-141.42	0.00	0.00028

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00011	0.00	127.28	0.00013
-7.07	120.21	0.00015	-14.14	113.14	0.00019
-21.21	106.07	0.00024	-28.28	98.99	0.00031
-35.36	91.92	0.00040	-42.43	84.85	0.00054
-45.96	81.32	0.00062	-49.50	77.78	0.00072
-51.62	75.66	0.00077	-53.03	74.25	0.00081
-54.45	72.83	0.00084	-55.86	71.42	0.00088
-57.28	70.00	0.00090	-70.00	57.28	0.00100
-71.42	55.86	0.00099	-72.83	54.45	0.00099
-74.25	53.03	0.00098	-75.66	51.62	0.00098
-77.78	49.50	0.00096	-81.32	45.96	0.00093
-84.85	42.43	0.00089	-91.92	35.36	0.00078
-98.99	28.28	0.00066	-106.07	21.21	0.00056
-113.14	14.14	0.00047	-120.21	7.07	0.00039
-127.28	0.00	0.00034	-134.35	-7.07	0.00029
14.14	127.28	0.00011	7.07	120.21	0.00013
0.00	113.14	0.00016	-7.07	106.07	0.00019
-14.14	98.99	0.00024	-21.21	91.92	0.00032
-28.28	84.85	0.00042	-35.36	77.78	0.00058
-38.89	74.25	0.00069	-42.43	70.71	0.00081
-44.55	68.59	0.00089	-45.96	67.18	0.00094
-47.38	65.76	0.00100	-48.79	64.35	0.00105
-50.20	62.93	0.00109	-62.93	50.20	0.00123
-64.35	48.79	0.00122	-65.76	47.38	0.00121
-67.18	45.96	0.00119	-68.59	44.55	0.00118
-70.71	42.43	0.00115	-74.25	38.89	0.00109
-77.78	35.36	0.00101	-84.85	28.28	0.00085
-91.92	21.21	0.00071	-98.99	14.14	0.00058
-106.07	7.07	0.00049	-113.14	0.00	0.00041
-120.21	-7.07	0.00035	-127.28	-14.14	0.00031
21.21	120.21	0.00012	14.14	113.14	0.00014

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00017	0.00	98.99	0.00020
-7.07	91.92	0.00025	-14.14	84.85	0.00033
-21.21	77.78	0.00044	-28.28	70.71	0.00062
-31.82	67.18	0.00074	-35.36	63.64	0.00090
-37.48	61.52	0.00101	-38.89	60.10	0.00109
-40.31	58.69	0.00117	-41.72	57.28	0.00125
-43.13	55.86	0.00132	-55.86	43.13	0.00152
-57.28	41.72	0.00150	-58.69	40.31	0.00148
-60.10	38.89	0.00145	-61.52	37.48	0.00142

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
-63.64	35.36	0.00136	-67.18	31.82	0.00124
-70.71	28.28	0.00113	-77.78	21.21	0.00092
-84.85	14.14	0.00075	-91.92	7.07	0.00061
-98.99	0.00	0.00051	-106.07	-7.07	0.00043
-113.14	-14.14	0.00037	-120.21	-21.21	0.00032
28.28	113.14	0.00013	21.21	106.07	0.00015
14.14	98.99	0.00018	7.07	91.92	0.00021
0.00	84.85	0.00027	-7.07	77.78	0.00035
-14.14	70.71	0.00046	-21.21	63.64	0.00065
-24.75	60.10	0.00079	-28.28	56.57	0.00098
-30.41	54.45	0.00111	-31.82	53.03	0.00122
-33.23	51.62	0.00133	-34.65	50.20	0.00146
-36.06	48.79	0.00158	-48.79	36.06	0.00190
-50.20	34.65	0.00184	-51.62	33.23	0.00178
-53.03	31.82	0.00171	-54.45	30.41	0.00164
-56.57	28.28	0.00153	-60.10	24.75	0.00136
-63.64	21.21	0.00122	-70.71	14.14	0.00098
-77.78	7.07	0.00079	-84.85	0.00	0.00065
-91.92	-7.07	0.00054	-98.99	-14.14	0.00045
-106.07	-21.21	0.00039	-113.14	-28.28	0.00033
35.36	106.07	0.00013	28.28	98.99	0.00016
21.21	91.92	0.00019	14.14	84.85	0.00023
7.07	77.78	0.00028	0.00	70.71	0.00037
-7.07	63.64	0.00050	-14.14	56.57	0.00070
-17.68	53.03	0.00085	-21.21	49.50	0.00105

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00121	-24.75	45.96	0.00133
-26.16	44.55	0.00147	-27.58	43.13	0.00163
-28.99	41.72	0.00181	-41.72	28.99	0.00226
-43.13	27.58	0.00213	-44.55	26.16	0.00200
-45.96	24.75	0.00189	-47.38	23.33	0.00180
-49.50	21.21	0.00166	-53.03	17.68	0.00147
-56.57	14.14	0.00131	-63.64	7.07	0.00104
-70.71	0.00	0.00083	-77.78	-7.07	0.00068
-84.85	-14.14	0.00056	-91.92	-21.21	0.00047
-98.99	-28.28	0.00040	-106.07	-35.36	0.00035
42.43	98.99	0.00014	35.36	91.92	0.00017
28.28	84.85	0.00020	21.21	77.78	0.00024
14.14	70.71	0.00031	7.07	63.64	0.00040
0.00	56.57	0.00054	-7.07	49.50	0.00077
-10.61	45.96	0.00094	-14.14	42.43	0.00118

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
-16.26	40.31	0.00137	-17.68	38.89	0.00151
-19.09	37.48	0.00169	-20.51	36.06	0.00191
-21.92	34.65	0.00220	-34.65	21.92	0.00258
-36.06	20.51	0.00237	-37.48	19.09	0.00220
-38.89	17.68	0.00206	-40.31	16.26	0.00194
-42.43	14.14	0.00178	-45.96	10.61	0.00156
-49.50	7.07	0.00137	-56.57	0.00	0.00108
-63.64	-7.07	0.00086	-70.71	-14.14	0.00070
-77.78	-21.21	0.00058	-84.85	-28.28	0.00048
-91.92	-35.36	0.00041	-98.99	-42.43	0.00036
49.50	91.92	0.00015	42.43	84.85	0.00018
35.36	77.78	0.00021	28.28	70.71	0.00026
21.21	63.64	0.00033	14.14	56.57	0.00044
7.07	49.50	0.00061	0.00	42.43	0.00092
-3.54	38.89	0.00118	-7.07	35.36	0.00156
-9.19	33.23	0.00190	-10.61	31.82	0.00219
-12.02	30.41	0.00256	-13.44	28.99	0.00304
-14.85	27.58	0.00368	-27.58	14.85	0.00327
-28.99	13.44	0.00286	-30.41	12.02	0.00256

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00233	-33.23	9.19	0.00215
-35.36	7.07	0.00193	-38.89	3.54	0.00166
-42.43	0.00	0.00145	-49.50	-7.07	0.00112
-56.57	-14.14	0.00088	-63.64	-21.21	0.00072
-70.71	-28.28	0.00059	-77.78	-35.36	0.00050
-84.85	-42.43	0.00042	-91.92	-49.50	0.00036
56.57	84.85	0.00016	49.50	77.78	0.00019
42.43	70.71	0.00024	35.36	63.64	0.00030
28.28	56.57	0.00039	21.21	49.50	0.00052
14.14	42.43	0.00076	7.07	35.36	0.00122
3.54	31.82	0.00162	0.00	28.28	0.00224
-2.12	26.16	0.00278	-3.54	24.75	0.00323
-4.95	23.33	0.00379	-6.36	21.92	0.00446
-7.78	20.51	0.00531	-20.51	7.78	0.00417
-21.92	6.36	0.00357	-23.33	4.95	0.00314
-24.75	3.54	0.00281	-26.16	2.12	0.00254
-28.28	0.00	0.00222	-31.82	-3.54	0.00183
-35.36	-7.07	0.00154	-42.43	-14.14	0.00116
-49.50	-21.21	0.00092	-56.57	-28.28	0.00074
-63.64	-35.36	0.00061	-70.71	-42.43	0.00051
-77.78	-49.50	0.00043	-84.85	-56.57	0.00037

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

15:39:36
 **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
63.64	77.78	0.00018	56.57	70.71	0.00022
49.50	63.64	0.00027	42.43	56.57	0.00035
35.36	49.50	0.00046	28.28	42.43	0.00065
21.21	35.36	0.00098	14.14	28.28	0.00162
10.61	24.75	0.00218	7.07	21.21	0.00300
4.95	19.09	0.00369	3.54	17.68	0.00424
2.12	16.26	0.00491	0.71	14.85	0.00569
-0.71	13.44	0.00663	-13.44	0.71	0.00502
-14.85	-0.71	0.00431	-16.26	-2.12	0.00376
-17.68	-3.54	0.00333	-19.09	-4.95	0.00298
-21.21	-7.07	0.00257	-24.75	-10.61	0.00206
-28.28	-14.14	0.00170	-35.36	-21.21	0.00123
-42.43	-28.28	0.00095	-49.50	-35.36	0.00076

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00063	-63.64	-49.50	0.00053
-70.71	-56.57	0.00045	-77.78	-63.64	0.00038
70.71	70.71	0.00020	63.64	63.64	0.00025
56.57	56.57	0.00032	49.50	49.50	0.00042
42.43	42.43	0.00057	35.36	35.36	0.00081
28.28	28.28	0.00125	21.21	21.21	0.00206
17.68	17.68	0.00273	14.14	14.14	0.00370
12.02	12.02	0.00447	10.61	10.61	0.00509
9.19	9.19	0.00581	7.78	7.78	0.00663
6.36	6.36	0.00762	-6.36	-6.36	0.00573
-7.78	-7.78	0.00493	-9.19	-9.19	0.00431
-10.61	-10.61	0.00380	-12.02	-12.02	0.00339
-14.14	-14.14	0.00289	-17.68	-17.68	0.00229
-21.21	-21.21	0.00187	-28.28	-28.28	0.00133
-35.36	-35.36	0.00100	-42.43	-42.43	0.00080
-49.50	-49.50	0.00065	-56.57	-56.57	0.00055
-63.64	-63.64	0.00046	-70.71	-70.71	0.00039
77.78	63.64	0.00023	70.71	56.57	0.00029
63.64	49.50	0.00038	56.57	42.43	0.00050
49.50	35.36	0.00069	42.43	28.28	0.00100
35.36	21.21	0.00153	28.28	14.14	0.00249
24.75	10.61	0.00325	21.21	7.07	0.00429
19.09	4.95	0.00511	17.68	3.54	0.00575
16.26	2.12	0.00649	14.85	0.71	0.00733
13.44	-0.71	0.00832	0.71	-13.44	0.00624
-0.71	-14.85	0.00539	-2.12	-16.26	0.00473
-3.54	-17.68	0.00417	-4.95	-19.09	0.00372

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

15:39:36
 **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
-7.07	-21.21	0.00316	-10.61	-24.75	0.00249
-14.14	-28.28	0.00203	-21.21	-35.36	0.00144
-28.28	-42.43	0.00108	-35.36	-49.50	0.00084
-42.43	-56.57	0.00068	-49.50	-63.64	0.00056
-56.57	-70.71	0.00047	-63.64	-77.78	0.00040
84.85	56.57	0.00027	77.78	49.50	0.00034
70.71	42.43	0.00044	63.64	35.36	0.00059

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00082	49.50	21.21	0.00120
42.43	14.14	0.00181	35.36	7.07	0.00288
31.82	3.54	0.00369	28.28	0.00	0.00478
26.16	-2.12	0.00561	24.75	-3.54	0.00625
23.33	-4.95	0.00698	21.92	-6.36	0.00781
20.51	-7.78	0.00878	7.78	-20.51	0.00655
6.36	-21.92	0.00567	4.95	-23.33	0.00499
3.54	-24.75	0.00442	2.12	-26.16	0.00395
0.00	-28.28	0.00337	-3.54	-31.82	0.00267
-7.07	-35.36	0.00219	-14.14	-42.43	0.00156
-21.21	-49.50	0.00116	-28.28	-56.57	0.00089
-35.36	-63.64	0.00070	-42.43	-70.71	0.00057
-49.50	-77.78	0.00047	-56.57	-84.85	0.00040
91.92	49.50	0.00030	84.85	42.43	0.00039
77.78	35.36	0.00051	70.71	28.28	0.00069
63.64	21.21	0.00096	56.57	14.14	0.00139
49.50	7.07	0.00208	42.43	0.00	0.00322
38.89	-3.54	0.00407	35.36	-7.07	0.00518
33.23	-9.19	0.00601	31.82	-10.61	0.00664
30.41	-12.02	0.00734	28.99	-13.44	0.00815
27.58	-14.85	0.00908	14.85	-27.58	0.00666
13.44	-28.99	0.00580	12.02	-30.41	0.00513
10.61	-31.82	0.00458	9.19	-33.23	0.00412
7.07	-35.36	0.00355	3.54	-38.89	0.00285
0.00	-42.43	0.00234	-7.07	-49.50	0.00166
-14.14	-56.57	0.00123	-21.21	-63.64	0.00094
-28.28	-70.71	0.00073	-35.36	-77.78	0.00058
-42.43	-84.85	0.00048	-49.50	-91.92	0.00040
98.99	42.43	0.00034	91.92	35.36	0.00044
84.85	28.28	0.00058	77.78	21.21	0.00079
70.71	14.14	0.00109	63.64	7.07	0.00156
56.57	0.00	0.00230	49.50	-7.07	0.00350
45.96	-10.61	0.00437	42.43	-14.14	0.00549

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00631	38.89	-17.68	0.00694

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00763	36.06	-20.51	0.00841
34.65	-21.92	0.00929	21.92	-34.65	0.00669
20.51	-36.06	0.00589	19.09	-37.48	0.00525
17.68	-38.89	0.00473	16.26	-40.31	0.00428
14.14	-42.43	0.00372	10.61	-45.96	0.00299
7.07	-49.50	0.00246	0.00	-56.57	0.00174
-7.07	-63.64	0.00129	-14.14	-70.71	0.00098
-21.21	-77.78	0.00076	-28.28	-84.85	0.00061
-35.36	-91.92	0.00049	-42.43	-98.99	0.00041
106.07	35.36	0.00039	98.99	28.28	0.00050
91.92	21.21	0.00066	84.85	14.14	0.00089
77.78	7.07	0.00122	70.71	0.00	0.00172
63.64	-7.07	0.00249	56.57	-14.14	0.00371
53.03	-17.68	0.00458	49.50	-21.21	0.00568
47.38	-23.33	0.00648	45.96	-24.75	0.00708
44.55	-26.16	0.00774	43.13	-27.58	0.00847
41.72	-28.99	0.00924	28.99	-41.72	0.00666
27.58	-43.13	0.00594	26.16	-44.55	0.00533
24.75	-45.96	0.00483	23.33	-47.38	0.00439
21.21	-49.50	0.00384	17.68	-53.03	0.00312
14.14	-56.57	0.00257	7.07	-63.64	0.00182
0.00	-70.71	0.00135	-7.07	-77.78	0.00103
-14.14	-84.85	0.00080	-21.21	-91.92	0.00063
-28.28	-98.99	0.00051	-35.36	-106.07	0.00042
113.14	28.28	0.00044	106.07	21.21	0.00056
98.99	14.14	0.00073	91.92	7.07	0.00098
84.85	0.00	0.00133	77.78	-7.07	0.00184
70.71	-14.14	0.00262	63.64	-21.21	0.00379
60.10	-24.75	0.00459	56.57	-28.28	0.00555
54.45	-30.41	0.00620	53.03	-31.82	0.00666
51.62	-33.23	0.00713	50.20	-34.65	0.00759
48.79	-36.06	0.00800	36.06	-48.79	0.00616
34.65	-50.20	0.00565	33.23	-51.62	0.00518
31.82	-53.03	0.00476	30.41	-54.45	0.00438
28.28	-56.57	0.00386	24.75	-60.10	0.00317
21.21	-63.64	0.00263	14.14	-70.71	0.00187
7.07	-77.78	0.00139	0.00	-84.85	0.00106
-7.07	-91.92	0.00083	-14.14	-98.99	0.00066
-21.21	-106.07	0.00054	-28.28	-113.14	0.00044

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00048	113.14	14.14	0.00061
106.07	7.07	0.00080	98.99	0.00	0.00105
91.92	-7.07	0.00141	84.85	-14.14	0.00192
77.78	-21.21	0.00265	70.71	-28.28	0.00368
67.18	-31.82	0.00433	63.64	-35.36	0.00506
61.52	-37.48	0.00551	60.10	-38.89	0.00581
58.69	-40.31	0.00609	57.28	-41.72	0.00634
55.86	-43.13	0.00655	43.13	-55.86	0.00541
41.72	-57.28	0.00507	40.31	-58.69	0.00474
38.89	-60.10	0.00442	37.48	-61.52	0.00411
35.36	-63.64	0.00370	31.82	-67.18	0.00311
28.28	-70.71	0.00262	21.21	-77.78	0.00190
14.14	-84.85	0.00141	7.07	-91.92	0.00109
0.00	-98.99	0.00086	-7.07	-106.07	0.00068
-14.14	-113.14	0.00055	-21.21	-120.21	0.00046
127.28	14.14	0.00052	120.21	7.07	0.00066
113.14	0.00	0.00085	106.07	-7.07	0.00110
98.99	-14.14	0.00145	91.92	-21.21	0.00193
84.85	-28.28	0.00258	77.78	-35.36	0.00344
74.25	-38.89	0.00393	70.71	-42.43	0.00444
68.59	-44.55	0.00474	67.18	-45.96	0.00492
65.76	-47.38	0.00508	64.35	-48.79	0.00522
62.93	-50.20	0.00534	50.20	-62.93	0.00462
48.79	-64.35	0.00441	47.38	-65.76	0.00419
45.96	-67.18	0.00396	44.55	-68.59	0.00374
42.43	-70.71	0.00341	38.89	-74.25	0.00293
35.36	-77.78	0.00252	28.28	-84.85	0.00188
21.21	-91.92	0.00142	14.14	-98.99	0.00110
7.07	-106.07	0.00087	0.00	-113.14	0.00070
-7.07	-120.21	0.00057	-14.14	-127.28	0.00047
134.35	7.07	0.00055	127.28	0.00	0.00069
120.21	-7.07	0.00088	113.14	-14.14	0.00113
106.07	-21.21	0.00146	98.99	-28.28	0.00189
91.92	-35.36	0.00245	84.85	-42.43	0.00312
81.32	-45.96	0.00349	77.78	-49.50	0.00384
75.66	-51.62	0.00403	74.25	-53.03	0.00414
72.83	-54.45	0.00424	71.42	-55.86	0.00433
70.00	-57.28	0.00439	57.28	-70.00	0.00392
55.86	-71.42	0.00378	54.45	-72.83	0.00364

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00349 51.62 -75.66 0.00333

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

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00309	45.96	-81.32	0.00270
42.43	-84.85	0.00236	35.36	-91.92	0.00181
28.28	-98.99	0.00141	21.21	-106.07	0.00110
14.14	-113.14	0.00088	7.07	-120.21	0.00071
0.00	-127.28	0.00058	-7.07	-134.35	0.00048
141.42	0.00	0.00058	134.35	-7.07	0.00072
127.28	-14.14	0.00090	120.21	-21.21	0.00113
113.14	-28.28	0.00144	106.07	-35.36	0.00181
98.99	-42.43	0.00227	91.92	-49.50	0.00280
88.39	-53.03	0.00306	84.85	-56.57	0.00330
82.73	-58.69	0.00343	81.32	-60.10	0.00351
79.90	-61.52	0.00357	78.49	-62.93	0.00362
77.07	-64.35	0.00365	64.35	-77.07	0.00333
62.93	-78.49	0.00324	61.52	-79.90	0.00314
60.10	-81.32	0.00304	58.69	-82.73	0.00293
56.57	-84.85	0.00275	53.03	-88.39	0.00246
49.50	-91.92	0.00218	42.43	-98.99	0.00171
35.36	-106.07	0.00136	28.28	-113.14	0.00109
21.21	-120.21	0.00088	14.14	-127.28	0.00071
7.07	-134.35	0.00059	0.00	-141.42	0.00049
148.49	-7.07	0.00060	141.42	-14.14	0.00073
134.35	-21.21	0.00091	127.28	-28.28	0.00112
120.21	-35.36	0.00139	113.14	-42.43	0.00171
106.07	-49.50	0.00209	98.99	-56.57	0.00249
95.46	-60.10	0.00268	91.92	-63.64	0.00285
89.80	-65.76	0.00294	88.39	-67.18	0.00299
86.97	-68.59	0.00303	85.56	-70.00	0.00306
84.15	-71.42	0.00308	71.42	-84.15	0.00284
70.00	-85.56	0.00278	68.59	-86.97	0.00271
67.18	-88.39	0.00264	65.76	-89.80	0.00257
63.64	-91.92	0.00244	60.10	-95.46	0.00222
56.57	-98.99	0.00200	49.50	-106.07	0.00160
42.43	-113.14	0.00129	35.36	-120.21	0.00105

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00086	21.21	-134.35	0.00071
14.14	-141.42	0.00059	7.07	-148.49	0.00050
155.56	-14.14	0.00061	148.49	-21.21	0.00074
141.42	-28.28	0.00090	134.35	-35.36	0.00109
127.28	-42.43	0.00133	120.21	-49.50	0.00160
113.14	-56.57	0.00191	106.07	-63.64	0.00221
102.53	-67.18	0.00235	98.99	-70.71	0.00247

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

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00253	95.46	-74.25	0.00257
94.05	-75.66	0.00259	92.63	-77.07	0.00261
91.22	-78.49	0.00263	78.49	-91.22	0.00245
77.07	-92.63	0.00240	75.66	-94.05	0.00236
74.25	-95.46	0.00231	72.83	-96.87	0.00225
70.71	-98.99	0.00216	67.18	-102.53	0.00200
63.64	-106.07	0.00183	56.57	-113.14	0.00150
49.50	-120.21	0.00122	42.43	-127.28	0.00101
35.36	-134.35	0.00084	28.28	-141.42	0.00070
21.21	-148.49	0.00059	14.14	-155.56	0.00050
162.63	-21.21	0.00061	155.56	-28.28	0.00073
148.49	-35.36	0.00088	141.42	-42.43	0.00106
134.35	-49.50	0.00126	127.28	-56.57	0.00149
120.21	-63.64	0.00173	113.14	-70.71	0.00197
109.60	-74.25	0.00207	106.07	-77.78	0.00216
103.94	-79.90	0.00220	102.53	-81.32	0.00223
101.12	-82.73	0.00224	99.70	-84.15	0.00226
98.29	-85.56	0.00226	85.56	-98.29	0.00213
84.15	-99.70	0.00209	82.73	-101.12	0.00206
81.32	-102.53	0.00202	79.90	-103.94	0.00198
77.78	-106.07	0.00191	74.25	-109.60	0.00179
70.71	-113.14	0.00166	63.64	-120.21	0.00139
56.57	-127.28	0.00115	49.50	-134.35	0.00096
42.43	-141.42	0.00081	35.36	-148.49	0.00068
28.28	-155.56	0.00058	21.21	-162.63	0.00050
169.71	-28.28	0.00061	162.63	-35.36	0.00072
155.56	-42.43	0.00086	148.49	-49.50	0.00101

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00119	134.35	-63.64	0.00138
127.28	-70.71	0.00157	120.21	-77.78	0.00176
116.67	-81.32	0.00184	113.14	-84.85	0.00190
111.02	-86.97	0.00193	109.60	-88.39	0.00195
108.19	-89.80	0.00196	106.77	-91.22	0.00197
105.36	-92.63	0.00197	92.63	-105.36	0.00186
91.22	-106.77	0.00184	89.80	-108.19	0.00181
88.39	-109.60	0.00178	86.97	-111.02	0.00175
84.85	-113.14	0.00170	81.32	-116.67	0.00161
77.78	-120.21	0.00151	70.71	-127.28	0.00129
63.64	-134.35	0.00108	56.57	-141.42	0.00091
49.50	-148.49	0.00077	42.43	-155.56	0.00066
35.36	-162.63	0.00057	28.28	-169.71	0.00049

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
176.78	-35.36	0.00060	169.71	-42.43	0.00071
162.63	-49.50	0.00083	155.56	-56.57	0.00096
148.49	-63.64	0.00111	141.42	-70.71	0.00127
134.35	-77.78	0.00143	127.28	-84.85	0.00157
123.74	-88.39	0.00163	120.21	-91.92	0.00168
118.09	-94.05	0.00170	116.67	-95.46	0.00171
115.26	-96.87	0.00172	113.84	-98.29	0.00173
112.43	-99.70	0.00173	99.70	-112.43	0.00164
98.29	-113.84	0.00163	96.87	-115.26	0.00160
95.46	-116.67	0.00158	94.05	-118.09	0.00156
91.92	-120.21	0.00152	88.39	-123.74	0.00145
84.85	-127.28	0.00137	77.78	-134.35	0.00119
70.71	-141.42	0.00102	63.64	-148.49	0.00086
56.57	-155.56	0.00074	49.50	-162.63	0.00063
42.43	-169.71	0.00055	35.36	-176.78	0.00048
183.85	-42.43	0.00059	176.78	-49.50	0.00069
169.71	-56.57	0.00079	162.63	-63.64	0.00091
155.56	-70.71	0.00104	148.49	-77.78	0.00117
141.42	-84.85	0.00130	134.35	-91.92	0.00142
130.81	-95.46	0.00146	127.28	-98.99	0.00150
125.16	-101.12	0.00151	123.74	-102.53	0.00152

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00153	120.92	-105.36	0.00153
119.50	-106.77	0.00153	106.77	-119.50	0.00146
105.36	-120.92	0.00145	103.94	-122.33	0.00143
102.53	-123.74	0.00141	101.12	-125.16	0.00139
98.99	-127.28	0.00136	95.46	-130.81	0.00131
91.92	-134.35	0.00125	84.85	-141.42	0.00110
77.78	-148.49	0.00096	70.71	-155.56	0.00082
63.64	-162.63	0.00070	56.57	-169.71	0.00061
49.50	-176.78	0.00053	42.43	-183.85	0.00047
190.92	-49.50	0.00058	183.85	-56.57	0.00066
176.78	-63.64	0.00076	169.71	-70.71	0.00086
162.63	-77.78	0.00097	155.56	-84.85	0.00108
148.49	-91.92	0.00119	141.42	-98.99	0.00128
137.89	-102.53	0.00131	134.35	-106.07	0.00134
132.23	-108.19	0.00135	130.81	-109.60	0.00136
129.40	-111.02	0.00136	127.99	-112.43	0.00137
126.57	-113.84	0.00137	113.84	-126.57	0.00131
112.43	-127.99	0.00130	111.02	-129.40	0.00128
109.60	-130.81	0.00127	108.19	-132.23	0.00125

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
106.07	-134.35	0.00123	102.53	-137.89	0.00119
98.99	-141.42	0.00114	91.92	-148.49	0.00102
84.85	-155.56	0.00090	77.78	-162.63	0.00078
70.71	-169.71	0.00067	63.64	-176.78	0.00058
56.57	-183.85	0.00051	49.50	-190.92	0.00045
197.99	-56.57	0.00056	190.92	-63.64	0.00064
183.85	-70.71	0.00072	176.78	-77.78	0.00081
169.71	-84.85	0.00091	162.63	-91.92	0.00100
155.56	-98.99	0.00109	148.49	-106.07	0.00116
144.96	-109.60	0.00119	141.42	-113.14	0.00121
139.30	-115.26	0.00122	137.89	-116.67	0.00122
136.47	-118.09	0.00122	135.06	-119.50	0.00123
133.64	-120.92	0.00123	120.92	-133.64	0.00118
119.50	-135.06	0.00117	118.09	-136.47	0.00116
116.67	-137.89	0.00115	115.26	-139.30	0.00113

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00111	109.60	-144.96	0.00108
106.07	-148.49	0.00104	98.99	-155.56	0.00094
91.92	-162.63	0.00084	84.85	-169.71	0.00074
77.78	-176.78	0.00064	70.71	-183.85	0.00056
63.64	-190.92	0.00049	56.57	-197.99	0.00044
205.06	-63.64	0.00055	197.99	-70.71	0.00062
190.92	-77.78	0.00069	183.85	-84.85	0.00077
176.78	-91.92	0.00085	169.71	-98.99	0.00093
162.63	-106.07	0.00100	155.56	-113.14	0.00106
152.03	-116.67	0.00108	148.49	-120.21	0.00109
146.37	-122.33	0.00110	144.96	-123.74	0.00110
143.54	-125.16	0.00111	142.13	-126.57	0.00111
140.71	-127.99	0.00111	127.99	-140.71	0.00107
126.57	-142.13	0.00106	125.16	-143.54	0.00105
123.74	-144.96	0.00104	122.33	-146.37	0.00103
120.21	-148.49	0.00101	116.67	-152.03	0.00098
113.14	-155.56	0.00095	106.07	-162.63	0.00087
98.99	-169.71	0.00079	91.92	-176.78	0.00070
84.85	-183.85	0.00061	77.78	-190.92	0.00054
70.71	-197.99	0.00047	63.64	-205.06	0.00042
212.13	-70.71	0.00053	205.06	-77.78	0.00059
197.99	-84.85	0.00065	190.92	-91.92	0.00072
183.85	-98.99	0.00079	176.78	-106.07	0.00086
169.71	-113.14	0.00092	162.63	-120.21	0.00096
159.10	-123.74	0.00098	155.56	-127.28	0.00100

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

15:39:36
 **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
153.44	-129.40	0.00100	152.03	-130.81	0.00100
150.61	-132.23	0.00100	149.20	-133.64	0.00100
147.79	-135.06	0.00100	135.06	-147.79	0.00097
133.64	-149.20	0.00096	132.23	-150.61	0.00095
130.81	-152.03	0.00095	129.40	-153.44	0.00094
127.28	-155.56	0.00093	123.74	-159.10	0.00090
120.21	-162.63	0.00087	113.14	-169.71	0.00081
106.07	-176.78	0.00074	98.99	-183.85	0.00066
91.92	-190.92	0.00059	84.85	-197.99	0.00052

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00046	70.71	-212.13	0.00041
219.20	-77.78	0.00051	212.13	-84.85	0.00056
205.06	-91.92	0.00062	197.99	-98.99	0.00068
190.92	-106.07	0.00074	183.85	-113.14	0.00080
176.78	-120.21	0.00085	169.71	-127.28	0.00088
166.17	-130.81	0.00090	162.63	-134.35	0.00091
160.51	-136.47	0.00091	159.10	-137.89	0.00091
157.68	-139.30	0.00092	156.27	-140.71	0.00092
154.86	-142.13	0.00092	142.13	-154.86	0.00088
140.71	-156.27	0.00088	139.30	-157.68	0.00087
137.89	-159.10	0.00087	136.47	-160.51	0.00086
134.35	-162.63	0.00085	130.81	-166.17	0.00083
127.28	-169.71	0.00081	120.21	-176.78	0.00075
113.14	-183.85	0.00069	106.07	-190.92	0.00062
98.99	-197.99	0.00056	91.92	-205.06	0.00050
84.85	-212.13	0.00044	77.78	-219.20	0.00039
226.27	-84.85	0.00049	219.20	-91.92	0.00054
212.13	-98.99	0.00059	205.06	-106.07	0.00064
197.99	-113.14	0.00069	190.92	-120.21	0.00074
183.85	-127.28	0.00078	176.78	-134.35	0.00081
173.24	-137.89	0.00083	169.71	-141.42	0.00083
167.58	-143.54	0.00084	166.17	-144.96	0.00084
164.76	-146.37	0.00084	163.34	-147.79	0.00084
161.93	-149.20	0.00084	149.20	-161.93	0.00081
147.79	-163.34	0.00081	146.37	-164.76	0.00080
144.96	-166.17	0.00080	143.54	-167.58	0.00079
141.42	-169.71	0.00078	137.89	-173.24	0.00076
134.35	-176.78	0.00074	127.28	-183.85	0.00070
120.21	-190.92	0.00065	113.14	-197.99	0.00059
106.07	-205.06	0.00053	98.99	-212.13	0.00048
91.92	-219.20	0.00043	84.85	-226.27	0.00038

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
233.35	-91.92	0.00047	226.27	-98.99	0.00051
219.20	-106.07	0.00056	212.13	-113.14	0.00060
205.06	-120.21	0.00065	197.99	-127.28	0.00069

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00073	183.85	-141.42	0.00075
180.31	-144.96	0.00076	176.78	-148.49	0.00077
174.66	-150.61	0.00077	173.24	-152.03	0.00077
171.83	-153.44	0.00077	170.41	-154.86	0.00077
169.00	-156.27	0.00077	156.27	-169.00	0.00075
154.86	-170.41	0.00074	153.44	-171.83	0.00074
152.03	-173.24	0.00073	150.61	-174.66	0.00073
148.49	-176.78	0.00072	144.96	-180.31	0.00071
141.42	-183.85	0.00069	134.35	-190.92	0.00065
127.28	-197.99	0.00061	120.21	-205.06	0.00056
113.14	-212.13	0.00051	106.07	-219.20	0.00046
98.99	-226.27	0.00041	91.92	-233.35	0.00037
240.42	-98.99	0.00045	233.35	-106.07	0.00049
226.27	-113.14	0.00053	219.20	-120.21	0.00057
212.13	-127.28	0.00061	205.06	-134.35	0.00064
197.99	-141.42	0.00067	190.92	-148.49	0.00070
187.38	-152.03	0.00070	183.85	-155.56	0.00071
181.73	-157.68	0.00071	180.31	-159.10	0.00071
178.90	-160.51	0.00071	177.48	-161.93	0.00071
176.07	-163.34	0.00071	163.34	-176.07	0.00069
161.93	-177.48	0.00069	160.51	-178.90	0.00068
159.10	-180.31	0.00068	157.68	-181.73	0.00067
155.56	-183.85	0.00067	152.03	-187.38	0.00066
148.49	-190.92	0.00064	141.42	-197.99	0.00061
134.35	-205.06	0.00057	127.28	-212.13	0.00053
120.21	-219.20	0.00048	113.14	-226.27	0.00044
106.07	-233.35	0.00040	98.99	-240.42	0.00036
247.49	-106.07	0.00043	240.42	-113.14	0.00047
233.35	-120.21	0.00050	226.27	-127.28	0.00054
219.20	-134.35	0.00057	212.13	-141.42	0.00060
205.06	-148.49	0.00063	197.99	-155.56	0.00065
194.45	-159.10	0.00065	190.92	-162.63	0.00066
188.80	-164.76	0.00066	187.38	-166.17	0.00066
185.97	-167.58	0.00066	184.55	-169.00	0.00066
183.14	-170.41	0.00066	170.41	-183.14	0.00064
169.00	-184.55	0.00064	167.58	-185.97	0.00063
166.17	-187.38	0.00063	164.76	-188.80	0.00063

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW_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
162.63	-190.92	0.00062	159.10	-194.45	0.00061
155.56	-197.99	0.00060	148.49	-205.06	0.00057
141.42	-212.13	0.00054	134.35	-219.20	0.00050
127.28	-226.27	0.00046	120.21	-233.35	0.00042
113.14	-240.42	0.00038	106.07	-247.49	0.00035

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

15:39:36
 **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
-106.07	247.49	0.00009	-113.14	240.42	0.00011
-120.21	233.35	0.00013	-127.28	226.27	0.00015
-134.35	219.20	0.00018	-141.42	212.13	0.00021
-148.49	205.06	0.00024	-155.56	197.99	0.00027
-159.10	194.45	0.00029	-162.63	190.92	0.00030
-164.76	188.80	0.00031	-166.17	187.38	0.00031
-167.58	185.97	0.00031	-169.00	184.55	0.00032
-170.41	183.14	0.00032	-183.14	170.41	0.00034
-184.55	169.00	0.00034	-185.97	167.58	0.00034
-187.38	166.17	0.00034	-188.80	164.76	0.00034
-190.92	162.63	0.00034	-194.45	159.10	0.00034
-197.99	155.56	0.00034	-205.06	148.49	0.00033
-212.13	141.42	0.00032	-219.20	134.35	0.00031
-226.27	127.28	0.00029	-233.35	120.21	0.00027
-240.42	113.14	0.00025	-247.49	106.07	0.00023
-98.99	240.42	0.00010	-106.07	233.35	0.00011
-113.14	226.27	0.00013	-120.21	219.20	0.00016
-127.28	212.13	0.00019	-134.35	205.06	0.00022
-141.42	197.99	0.00026	-148.49	190.92	0.00030
-152.03	187.38	0.00032	-155.56	183.85	0.00034
-157.68	181.73	0.00034	-159.10	180.31	0.00035
-160.51	178.90	0.00035	-161.93	177.48	0.00036
-163.34	176.07	0.00036	-176.07	163.34	0.00038
-177.48	161.93	0.00038	-178.90	160.51	0.00038
-180.31	159.10	0.00038	-181.73	157.68	0.00038
-183.85	155.56	0.00038	-187.38	152.03	0.00038

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00038	-197.99	141.42	0.00037
-205.06	134.35	0.00036	-212.13	127.28	0.00034
-219.20	120.21	0.00032	-226.27	113.14	0.00029
-233.35	106.07	0.00026	-240.42	98.99	0.00024
-91.92	233.35	0.00010	-98.99	226.27	0.00011
-106.07	219.20	0.00014	-113.14	212.13	0.00016
-120.21	205.06	0.00020	-127.28	197.99	0.00024
-134.35	190.92	0.00028	-141.42	183.85	0.00033
-144.96	180.31	0.00035	-148.49	176.78	0.00038
-150.61	174.66	0.00039	-152.03	173.24	0.00039
-153.44	171.83	0.00040	-154.86	170.41	0.00041
-156.27	169.00	0.00041	-169.00	156.27	0.00043
-170.41	154.86	0.00044	-171.83	153.44	0.00044
-173.24	152.03	0.00044	-174.66	150.61	0.00044

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00044	-180.31	144.96	0.00043
-183.85	141.42	0.00043	-190.92	134.35	0.00042
-197.99	127.28	0.00040	-205.06	120.21	0.00038
-212.13	113.14	0.00035	-219.20	106.07	0.00031
-226.27	99.00	0.00028	-233.35	91.92	0.00025
-84.85	226.27	0.00010	-91.92	219.20	0.00012
-98.99	212.13	0.00014	-106.07	205.06	0.00017
-113.14	197.99	0.00020	-120.21	190.92	0.00025
-127.28	183.85	0.00031	-134.35	176.78	0.00037
-137.89	173.24	0.00040	-141.42	169.71	0.00043
-143.54	167.58	0.00044	-144.96	166.17	0.00045
-146.37	164.76	0.00046	-147.79	163.34	0.00046
-149.20	161.93	0.00047	-161.93	149.20	0.00050
-163.34	147.79	0.00050	-164.76	146.37	0.00050
-166.17	144.96	0.00050	-167.58	143.54	0.00050
-169.71	141.42	0.00050	-173.24	137.89	0.00050
-176.78	134.35	0.00049	-183.85	127.28	0.00047
-190.92	120.21	0.00045	-197.99	113.14	0.00041
-205.06	106.07	0.00037	-212.13	99.00	0.00033
-219.20	91.92	0.00029	-226.27	84.85	0.00026

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00010	-84.85	212.13	0.00012
-91.92	205.06	0.00014	-98.99	197.99	0.00017
-106.07	190.92	0.00021	-113.14	183.85	0.00027
-120.21	176.78	0.00033	-127.28	169.71	0.00040
-130.81	166.17	0.00044	-134.35	162.63	0.00048
-136.47	160.51	0.00050	-137.89	159.10	0.00052
-139.30	157.68	0.00053	-140.71	156.27	0.00054
-142.13	154.86	0.00055	-154.86	142.13	0.00058
-156.27	140.71	0.00059	-157.68	139.30	0.00059
-159.10	137.89	0.00059	-160.51	136.47	0.00058
-162.63	134.35	0.00058	-166.17	130.81	0.00057
-169.71	127.28	0.00057	-176.78	120.21	0.00054
-183.85	113.14	0.00050	-190.92	106.07	0.00045
-197.99	99.00	0.00040	-205.06	91.92	0.00035
-212.13	84.85	0.00030	-219.20	77.78	0.00026
-70.71	212.13	0.00010	-77.78	205.06	0.00012
-84.85	197.99	0.00015	-91.92	190.92	0.00018
-98.99	183.85	0.00022	-106.07	176.78	0.00028
-113.14	169.71	0.00036	-120.21	162.63	0.00045
-123.74	159.10	0.00050	-127.28	155.56	0.00055

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

15:39:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00058	-130.81	152.03	0.00060
-132.23	150.61	0.00061	-133.64	149.20	0.00063
-135.06	147.79	0.00064	-147.79	135.06	0.00069
-149.20	133.64	0.00069	-150.61	132.23	0.00069
-152.03	130.81	0.00069	-153.44	129.40	0.00069
-155.56	127.28	0.00068	-159.10	123.74	0.00067
-162.63	120.21	0.00066	-169.71	113.14	0.00062
-176.78	106.07	0.00056	-183.85	98.99	0.00049
-190.92	91.92	0.00042	-197.99	84.85	0.00037
-205.06	77.78	0.00031	-212.13	70.71	0.00027
-63.64	205.06	0.00011	-70.71	197.99	0.00012
-77.78	190.92	0.00015	-84.85	183.85	0.00018
-91.92	176.78	0.00023	-98.99	169.71	0.00029
-106.07	162.63	0.00038	-113.14	155.56	0.00049

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00056	-120.21	148.49	0.00063
-122.33	146.37	0.00067	-123.74	144.96	0.00069
-125.16	143.54	0.00072	-126.57	142.13	0.00074
-127.99	140.71	0.00076	-140.71	127.99	0.00082
-142.13	126.57	0.00082	-143.54	125.16	0.00082
-144.96	123.74	0.00082	-146.37	122.33	0.00081
-148.49	120.21	0.00081	-152.03	116.67	0.00079
-155.56	113.14	0.00077	-162.63	106.07	0.00070
-169.71	98.99	0.00061	-176.78	91.92	0.00053
-183.85	84.85	0.00045	-190.92	77.78	0.00038
-197.99	70.71	0.00032	-205.06	63.64	0.00028
-56.57	197.99	0.00011	-63.64	190.92	0.00013
-70.71	183.85	0.00015	-77.78	176.78	0.00019
-84.85	169.71	0.00024	-91.92	162.63	0.00031
-98.99	155.56	0.00040	-106.07	148.49	0.00054
-109.60	144.96	0.00062	-113.14	141.42	0.00072
-115.26	139.30	0.00077	-116.67	137.89	0.00081
-118.09	136.47	0.00084	-119.50	135.06	0.00088
-120.92	133.64	0.00090	-133.64	120.92	0.00100
-135.06	119.50	0.00099	-136.47	118.09	0.00099
-137.89	116.67	0.00098	-139.30	115.26	0.00098
-141.42	113.14	0.00096	-144.96	109.60	0.00093
-148.49	106.07	0.00089	-155.56	98.99	0.00078
-162.63	91.92	0.00066	-169.71	84.85	0.00056
-176.78	77.78	0.00047	-183.85	70.71	0.00039
-190.92	63.64	0.00034	-197.99	56.57	0.00029

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

15:39:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00011	-56.57	183.85	0.00013
-63.64	176.78	0.00016	-70.71	169.71	0.00019
-77.78	162.63	0.00024	-84.85	155.56	0.00032
-91.92	148.49	0.00042	-98.99	141.42	0.00058
-102.53	137.89	0.00069	-106.07	134.35	0.00081
-108.19	132.23	0.00089	-109.60	130.81	0.00094
-111.02	129.40	0.00100	-112.43	127.99	0.00105
-113.84	126.57	0.00109	-126.57	113.84	0.00123

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00122	-129.40	111.02	0.00121
-130.81	109.60	0.00119	-132.23	108.19	0.00118
-134.35	106.07	0.00115	-137.89	102.53	0.00109
-141.42	98.99	0.00101	-148.49	91.92	0.00085
-155.56	84.85	0.00071	-162.63	77.78	0.00058
-169.71	70.71	0.00049	-176.78	63.64	0.00041
-183.85	56.57	0.00035	-190.92	49.50	0.00031
-42.43	183.85	0.00012	-49.50	176.78	0.00014
-56.57	169.71	0.00017	-63.64	162.63	0.00020
-70.71	155.56	0.00025	-77.78	148.49	0.00033
-84.85	141.42	0.00044	-91.92	134.35	0.00062
-95.46	130.81	0.00074	-98.99	127.28	0.00090
-101.12	125.16	0.00101	-102.53	123.74	0.00109
-103.94	122.33	0.00117	-105.36	120.92	0.00125
-106.77	119.50	0.00132	-119.50	106.77	0.00152
-120.92	105.36	0.00150	-122.33	103.94	0.00148
-123.74	102.53	0.00145	-125.16	101.12	0.00142
-127.28	98.99	0.00136	-130.81	95.46	0.00124
-134.35	91.92	0.00113	-141.42	84.85	0.00092
-148.49	77.78	0.00075	-155.56	70.71	0.00061
-162.63	63.64	0.00051	-169.71	56.57	0.00043
-176.78	49.50	0.00037	-183.85	42.43	0.00032
-35.36	176.78	0.00013	-42.43	169.71	0.00015
-49.50	162.63	0.00018	-56.57	155.56	0.00021
-63.64	148.49	0.00027	-70.71	141.42	0.00035
-77.78	134.35	0.00046	-84.85	127.28	0.00065
-88.39	123.74	0.00079	-91.92	120.21	0.00098
-94.05	118.09	0.00111	-95.46	116.67	0.00122
-96.87	115.26	0.00133	-98.29	113.84	0.00146
-99.70	112.43	0.00158	-112.43	99.70	0.00190
-113.84	98.29	0.00184	-115.26	96.87	0.00178
-116.67	95.46	0.00171	-118.09	94.05	0.00164

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

15:39:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00153	-123.74	88.39	0.00136
-127.28	84.85	0.00122	-134.35	77.78	0.00098

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00079	-148.49	63.64	0.00065
-155.56	56.57	0.00054	-162.63	49.50	0.00045
-169.71	42.43	0.00039	-176.78	35.36	0.00033
-28.28	169.71	0.00013	-35.36	162.63	0.00016
-42.43	155.56	0.00019	-49.50	148.49	0.00023
-56.57	141.42	0.00028	-63.64	134.35	0.00037
-70.71	127.28	0.00050	-77.78	120.21	0.00070
-81.32	116.67	0.00085	-84.85	113.14	0.00105
-86.97	111.02	0.00121	-88.39	109.60	0.00133
-89.80	108.19	0.00147	-91.22	106.77	0.00163
-92.63	105.36	0.00181	-105.36	92.63	0.00226
-106.77	91.22	0.00213	-108.19	89.80	0.00200
-109.60	88.39	0.00189	-111.02	86.97	0.00180
-113.14	84.85	0.00166	-116.67	81.32	0.00147
-120.21	77.78	0.00131	-127.28	70.71	0.00104
-134.35	63.64	0.00083	-141.42	56.57	0.00068
-148.49	49.50	0.00056	-155.56	42.43	0.00047
-162.63	35.36	0.00040	-169.71	28.28	0.00035
-21.21	162.63	0.00014	-28.28	155.56	0.00017
-35.36	148.49	0.00020	-42.43	141.42	0.00024
-49.50	134.35	0.00031	-56.57	127.28	0.00040
-63.64	120.21	0.00054	-70.71	113.14	0.00077
-74.25	109.60	0.00094	-77.78	106.07	0.00118
-79.90	103.94	0.00137	-81.32	102.53	0.00151
-82.73	101.12	0.00169	-84.15	99.70	0.00191
-85.56	98.29	0.00220	-98.29	85.56	0.00258
-99.70	84.15	0.00237	-101.12	82.73	0.00220
-102.53	81.32	0.00206	-103.94	79.90	0.00194
-106.07	77.78	0.00178	-109.60	74.25	0.00156
-113.14	70.71	0.00137	-120.21	63.64	0.00108
-127.28	56.57	0.00086	-134.35	49.50	0.00070
-141.42	42.43	0.00058	-148.49	35.36	0.00048
-155.56	28.28	0.00041	-162.63	21.21	0.00036
-14.14	155.56	0.00015	-21.21	148.49	0.00018
-28.28	141.42	0.00021	-35.36	134.35	0.00026
-42.43	127.28	0.00033	-49.50	120.21	0.00044
-56.57	113.14	0.00061	-63.64	106.07	0.00092
-67.18	102.53	0.00118	-70.71	98.99	0.00156

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA PL94-300 DPM_TRAV_ANN_SE-NW 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	
-72.83	96.87	0.00190	-74.25	95.46	0.00219	
-75.66	94.05	0.00256	-77.07	92.63	0.00304	
-78.49	91.22	0.00368	-91.22	78.49	0.00327	
-92.63	77.07	0.00286	-94.05	75.66	0.00256	
-95.46	74.25	0.00233	-96.87	72.83	0.00215	
-98.99	70.71	0.00194	-102.53	67.18	0.00166	
-106.07	63.64	0.00145	-113.14	56.57	0.00112	
-120.21	49.50	0.00088	-127.28	42.43	0.00072	
-134.35	35.36	0.00059	-141.42	28.28	0.00050	
-148.49	21.21	0.00042	-155.56	14.14	0.00036	
-7.07	148.49	0.00016	-14.14	141.42	0.00019	
-21.21	134.35	0.00024	-28.28	127.28	0.00030	
-35.36	120.21	0.00039	-42.43	113.14	0.00052	
-49.50	106.07	0.00076	-56.57	98.99	0.00122	
-60.10	95.46	0.00162	-63.64	91.92	0.00224	
-65.76	89.80	0.00278	-67.18	88.39	0.00323	
-68.59	86.97	0.00379	-70.00	85.56	0.00446	
-71.42	84.15	0.00531	-84.15	71.42	0.00417	
-85.56	70.00	0.00357	-86.97	68.59	0.00314	
-88.39	67.18	0.00281	-89.80	65.76	0.00254	
-91.92	63.64	0.00222	-95.46	60.10	0.00183	
-98.99	56.57	0.00154	-106.07	49.50	0.00116	
-113.14	42.43	0.00092	-120.21	35.36	0.00074	
-127.28	28.28	0.00061	-134.35	21.21	0.00051	
-141.42	14.14	0.00043	-148.49	7.07	0.00037	
0.00	141.42	0.00018	-7.07	134.35	0.00022	
-14.14	127.28	0.00027	-21.21	120.21	0.00035	
-28.28	113.14	0.00046	-35.36	106.07	0.00065	
-42.43	98.99	0.00098	-49.50	91.92	0.00162	
-53.03	88.39	0.00218	-56.57	84.85	0.00300	
-58.69	82.73	0.00369	-60.10	81.32	0.00424	
-61.52	79.90	0.00491	-62.93	78.49	0.00569	
-64.35	77.07	0.00663	-77.07	64.35	0.00503	
-78.49	62.93	0.00431	-79.90	61.52	0.00376	
-81.32	60.10	0.00333	-82.73	58.69	0.00298	
-84.85	56.57	0.00257	-88.39	53.03	0.00206	
-91.92	49.50	0.00170	-98.99	42.43	0.00123	
-106.07	35.36	0.00095	-113.14	28.28	0.00076	
-120.21	21.21	0.00063	-127.28	14.14	0.00053	
-134.35	7.07	0.00045	-141.42	0.00	0.00038	

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:

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*** Maximum train overlap at SE/NW 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
7.07	134.35	0.00020	0.00	127.28	0.00025
-7.07	120.21	0.00032	-14.14	113.14	0.00042
-21.21	106.07	0.00057	-28.28	98.99	0.00081
-35.36	91.92	0.00125	-42.43	84.85	0.00206
-45.96	81.32	0.00273	-49.50	77.78	0.00370
-51.62	75.66	0.00447	-53.03	74.25	0.00509
-54.45	72.83	0.00581	-55.86	71.42	0.00663
-57.28	70.00	0.00762	-70.00	57.28	0.00573
-71.42	55.86	0.00493	-72.83	54.45	0.00431
-74.25	53.03	0.00380	-75.66	51.62	0.00339
-77.78	49.50	0.00289	-81.32	45.96	0.00229
-84.85	42.43	0.00187	-91.92	35.36	0.00133
-98.99	28.28	0.00100	-106.07	21.21	0.00080
-113.14	14.14	0.00065	-120.21	7.07	0.00055
-127.28	0.00	0.00046	-134.35	-7.07	0.00039
14.14	127.28	0.00023	7.07	120.21	0.00029
0.00	113.14	0.00038	-7.07	106.07	0.00050
-14.14	98.99	0.00069	-21.21	91.92	0.00100
-28.28	84.85	0.00153	-35.36	77.78	0.00249
-38.89	74.25	0.00325	-42.43	70.71	0.00429
-44.55	68.59	0.00511	-45.96	67.18	0.00575
-47.38	65.76	0.00649	-48.79	64.35	0.00733
-50.20	62.93	0.00832	-62.93	50.20	0.00624
-64.35	48.79	0.00539	-65.76	47.38	0.00473
-67.18	45.96	0.00417	-68.59	44.55	0.00372
-70.71	42.43	0.00316	-74.25	38.89	0.00249
-77.78	35.36	0.00203	-84.85	28.28	0.00144
-91.92	21.21	0.00108	-98.99	14.14	0.00084
-106.07	7.07	0.00068	-113.14	0.00	0.00056
-120.21	-7.07	0.00047	-127.28	-14.14	0.00040
21.21	120.21	0.00027	14.14	113.14	0.00034
7.07	106.07	0.00044	0.00	98.99	0.00059
-7.07	91.92	0.00082	-14.14	84.85	0.00120
-21.21	77.78	0.00181	-28.28	70.71	0.00288

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00369	-35.36	63.64	0.00478
-37.48	61.52	0.00561	-38.89	60.10	0.00625
-40.31	58.69	0.00698	-41.72	57.28	0.00781
-43.13	55.86	0.00878	-55.86	43.13	0.00655
-57.28	41.72	0.00567	-58.69	40.31	0.00499
-60.10	38.89	0.00442	-61.52	37.48	0.00395

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

15:39:36
 **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
-63.64	35.36	0.00337	-67.18	31.82	0.00267
-70.71	28.28	0.00219	-77.78	21.21	0.00156
-84.85	14.14	0.00116	-91.92	7.07	0.00089
-98.99	0.00	0.00070	-106.07	-7.07	0.00057
-113.14	-14.14	0.00047	-120.21	-21.21	0.00040
28.28	113.14	0.00030	21.21	106.07	0.00039
14.14	98.99	0.00051	7.07	91.92	0.00069
0.00	84.85	0.00096	-7.07	77.78	0.00139
-14.14	70.71	0.00208	-21.21	63.64	0.00322
-24.75	60.10	0.00407	-28.28	56.57	0.00518
-30.41	54.45	0.00601	-31.82	53.03	0.00664
-33.23	51.62	0.00734	-34.65	50.20	0.00815
-36.06	48.79	0.00908	-48.79	36.06	0.00666
-50.20	34.65	0.00580	-51.62	33.23	0.00513
-53.03	31.82	0.00458	-54.45	30.41	0.00412
-56.57	28.28	0.00355	-60.10	24.75	0.00285
-63.64	21.21	0.00234	-70.71	14.14	0.00166
-77.78	7.07	0.00123	-84.85	0.00	0.00094
-91.92	-7.07	0.00073	-98.99	-14.14	0.00058
-106.07	-21.21	0.00048	-113.14	-28.28	0.00040
35.36	106.07	0.00034	28.28	98.99	0.00044
21.21	91.92	0.00058	14.14	84.85	0.00079
7.07	77.78	0.00109	0.00	70.71	0.00156
-7.07	63.64	0.00230	-14.14	56.57	0.00350
-17.68	53.03	0.00437	-21.21	49.50	0.00549
-23.33	47.38	0.00631	-24.75	45.96	0.00694
-26.16	44.55	0.00763	-27.58	43.13	0.00841
-28.99	41.72	0.00929	-41.72	28.99	0.00669

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00589	-44.55	26.16	0.00525
-45.96	24.75	0.00473	-47.38	23.33	0.00428
-49.50	21.21	0.00372	-53.03	17.68	0.00299
-56.57	14.14	0.00246	-63.64	7.07	0.00174
-70.71	0.00	0.00129	-77.78	-7.07	0.00098
-84.85	-14.14	0.00076	-91.92	-21.21	0.00061
-98.99	-28.28	0.00049	-106.07	-35.36	0.00041
42.43	98.99	0.00039	35.36	91.92	0.00050
28.28	84.85	0.00066	21.21	77.78	0.00089
14.14	70.71	0.00122	7.07	63.64	0.00172
0.00	56.57	0.00249	-7.07	49.50	0.00371
-10.61	45.96	0.00458	-14.14	42.43	0.00568

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

15:39:36
 **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
-16.26	40.31	0.00648	-17.68	38.89	0.00708
-19.09	37.48	0.00774	-20.51	36.06	0.00847
-21.92	34.65	0.00924	-34.65	21.92	0.00666
-36.06	20.51	0.00594	-37.48	19.09	0.00533
-38.89	17.68	0.00483	-40.31	16.26	0.00439
-42.43	14.14	0.00384	-45.96	10.61	0.00312
-49.50	7.07	0.00257	-56.57	0.00	0.00182
-63.64	-7.07	0.00135	-70.71	-14.14	0.00103
-77.78	-21.21	0.00080	-84.85	-28.28	0.00063
-91.92	-35.36	0.00051	-98.99	-42.43	0.00042
49.50	91.92	0.00044	42.43	84.85	0.00056
35.36	77.78	0.00073	28.28	70.71	0.00098
21.21	63.64	0.00133	14.14	56.57	0.00184
7.07	49.50	0.00262	0.00	42.43	0.00379
-3.54	38.89	0.00459	-7.07	35.36	0.00555
-9.19	33.23	0.00620	-10.61	31.82	0.00666
-12.02	30.41	0.00713	-13.44	28.99	0.00759
-14.85	27.58	0.00800	-27.58	14.85	0.00616
-28.99	13.44	0.00565	-30.41	12.02	0.00518
-31.82	10.61	0.00476	-33.23	9.19	0.00438
-35.36	7.07	0.00386	-38.89	3.54	0.00317
-42.43	0.00	0.00263	-49.50	-7.07	0.00187

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00139	-63.64	-21.21	0.00106
-70.71	-28.28	0.00083	-77.78	-35.36	0.00066
-84.85	-42.43	0.00054	-91.92	-49.50	0.00044
56.57	84.85	0.00048	49.50	77.78	0.00061
42.43	70.71	0.00080	35.36	63.64	0.00105
28.28	56.57	0.00141	21.21	49.50	0.00192
14.14	42.43	0.00265	7.07	35.36	0.00368
3.54	31.82	0.00433	0.00	28.28	0.00506
-2.12	26.16	0.00551	-3.54	24.75	0.00581
-4.95	23.33	0.00609	-6.36	21.92	0.00634
-7.78	20.51	0.00655	-20.51	7.78	0.00541
-21.92	6.36	0.00507	-23.33	4.95	0.00474
-24.75	3.54	0.00442	-26.16	2.12	0.00411
-28.28	0.00	0.00370	-31.82	-3.54	0.00311
-35.36	-7.07	0.00262	-42.43	-14.14	0.00190
-49.50	-21.21	0.00141	-56.57	-28.28	0.00109
-63.64	-35.36	0.00086	-70.71	-42.43	0.00068
-77.78	-49.50	0.00055	-84.85	-56.57	0.00046

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00052	56.57	70.71	0.00066
49.50	63.64	0.00085	42.43	56.57	0.00110
35.36	49.50	0.00145	28.28	42.43	0.00193
21.21	35.36	0.00258	14.14	28.28	0.00344
10.61	24.75	0.00393	7.07	21.21	0.00444
4.95	19.09	0.00474	3.54	17.68	0.00492
2.12	16.26	0.00508	0.71	14.85	0.00522
-0.71	13.44	0.00534	-13.44	0.71	0.00462
-14.85	-0.71	0.00441	-16.26	-2.12	0.00419
-17.68	-3.54	0.00396	-19.09	-4.95	0.00374
-21.21	-7.07	0.00341	-24.75	-10.61	0.00293
-28.28	-14.14	0.00252	-35.36	-21.21	0.00188
-42.43	-28.28	0.00142	-49.50	-35.36	0.00110
-56.57	-42.43	0.00087	-63.64	-49.50	0.00070
-70.71	-56.57	0.00057	-77.78	-63.64	0.00047
70.71	70.71	0.00055	63.64	63.64	0.00069

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00088	49.50	49.50	0.00113
42.43	42.43	0.00146	35.36	35.36	0.00189
28.28	28.28	0.00245	21.21	21.21	0.00312
17.68	17.68	0.00349	14.14	14.14	0.00384
12.02	12.02	0.00403	10.61	10.61	0.00414
9.19	9.19	0.00424	7.78	7.78	0.00433
6.36	6.36	0.00439	-6.36	-6.36	0.00392
-7.78	-7.78	0.00378	-9.19	-9.19	0.00364
-10.61	-10.61	0.00349	-12.02	-12.02	0.00333
-14.14	-14.14	0.00309	-17.68	-17.68	0.00270
-21.21	-21.21	0.00236	-28.28	-28.28	0.00181
-35.36	-35.36	0.00141	-42.43	-42.43	0.00110
-49.50	-49.50	0.00088	-56.57	-56.57	0.00071
-63.64	-63.64	0.00058	-70.71	-70.71	0.00048
77.78	63.64	0.00058	70.71	56.57	0.00072
63.64	49.50	0.00090	56.57	42.43	0.00113
49.50	35.36	0.00144	42.43	28.28	0.00181
35.36	21.21	0.00227	28.28	14.14	0.00280
24.75	10.61	0.00306	21.21	7.07	0.00330
19.09	4.95	0.00343	17.68	3.54	0.00351
16.26	2.12	0.00357	14.85	0.71	0.00362
13.44	-0.71	0.00365	0.71	-13.44	0.00333
-0.71	-14.85	0.00324	-2.12	-16.26	0.00314
-3.54	-17.68	0.00304	-4.95	-19.09	0.00293

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

15:39:36
 **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
-7.07	-21.21	0.00275	-10.61	-24.75	0.00246
-14.14	-28.28	0.00218	-21.21	-35.36	0.00171
-28.28	-42.43	0.00136	-35.36	-49.50	0.00109
-42.43	-56.57	0.00088	-49.50	-63.64	0.00071
-56.57	-70.71	0.00059	-63.64	-77.78	0.00049
84.85	56.57	0.00060	77.78	49.50	0.00073
70.71	42.43	0.00091	63.64	35.36	0.00112
56.57	28.28	0.00139	49.50	21.21	0.00171
42.43	14.14	0.00209	35.36	7.07	0.00249
31.82	3.54	0.00268	28.28	0.00	0.00285

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00294	24.75	-3.54	0.00299
23.33	-4.95	0.00303	21.92	-6.36	0.00306
20.51	-7.78	0.00308	7.78	-20.51	0.00284
6.36	-21.92	0.00278	4.95	-23.33	0.00271
3.54	-24.75	0.00264	2.12	-26.16	0.00257
0.00	-28.28	0.00244	-3.54	-31.82	0.00222
-7.07	-35.36	0.00200	-14.14	-42.43	0.00160
-21.21	-49.50	0.00129	-28.28	-56.57	0.00105
-35.36	-63.64	0.00086	-42.43	-70.71	0.00071
-49.50	-77.78	0.00059	-56.57	-84.85	0.00050
91.92	49.50	0.00061	84.85	42.43	0.00074
77.78	35.36	0.00090	70.71	28.28	0.00109
63.64	21.21	0.00133	56.57	14.14	0.00160
49.50	7.07	0.00191	42.43	0.00	0.00221
38.89	-3.54	0.00235	35.36	-7.07	0.00247
33.23	-9.19	0.00253	31.82	-10.61	0.00257
30.41	-12.02	0.00259	28.99	-13.44	0.00261
27.58	-14.85	0.00263	14.85	-27.58	0.00245
13.44	-28.99	0.00240	12.02	-30.41	0.00236
10.61	-31.82	0.00231	9.19	-33.23	0.00225
7.07	-35.36	0.00216	3.54	-38.89	0.00200
0.00	-42.43	0.00183	-7.07	-49.50	0.00150
-14.14	-56.57	0.00122	-21.21	-63.64	0.00101
-28.28	-70.71	0.00084	-35.36	-77.78	0.00070
-42.43	-84.85	0.00059	-49.50	-91.92	0.00050
98.99	42.43	0.00061	91.92	35.36	0.00073
84.85	28.28	0.00088	77.78	21.21	0.00106
70.71	14.14	0.00126	63.64	7.07	0.00149
56.57	0.00	0.00173	49.50	-7.07	0.00197
45.96	-10.61	0.00207	42.43	-14.14	0.00216

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

15:39:36
 **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
40.31	-16.26	0.00220	38.89	-17.68	0.00223
37.48	-19.09	0.00224	36.06	-20.51	0.00226
34.65	-21.92	0.00226	21.92	-34.65	0.00213
20.51	-36.06	0.00209	19.09	-37.48	0.00206

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00202	16.26	-40.31	0.00198
14.14	-42.43	0.00191	10.61	-45.96	0.00179
7.07	-49.50	0.00166	0.00	-56.57	0.00139
-7.07	-63.64	0.00115	-14.14	-70.71	0.00096
-21.21	-77.78	0.00081	-28.28	-84.85	0.00068
-35.36	-91.92	0.00058	-42.43	-98.99	0.00050
106.07	35.36	0.00061	98.99	28.28	0.00072
91.92	21.21	0.00086	84.85	14.14	0.00101
77.78	7.07	0.00119	70.71	0.00	0.00138
63.64	-7.07	0.00157	56.57	-14.14	0.00176
53.03	-17.68	0.00184	49.50	-21.21	0.00190
47.38	-23.33	0.00193	45.96	-24.75	0.00195
44.55	-26.16	0.00196	43.13	-27.58	0.00197
41.72	-28.99	0.00197	28.99	-41.72	0.00186
27.58	-43.13	0.00184	26.16	-44.55	0.00181
24.75	-45.96	0.00178	23.33	-47.38	0.00175
21.21	-49.50	0.00170	17.68	-53.03	0.00161
14.14	-56.57	0.00151	7.07	-63.64	0.00129
0.00	-70.71	0.00108	-7.07	-77.78	0.00091
-14.14	-84.85	0.00077	-21.21	-91.92	0.00066
-28.28	-98.99	0.00057	-35.36	-106.07	0.00049
113.14	28.28	0.00060	106.07	21.21	0.00071
98.99	14.14	0.00083	91.92	7.07	0.00096
84.85	0.00	0.00111	77.78	-7.07	0.00127
70.71	-14.14	0.00143	63.64	-21.21	0.00157
60.10	-24.75	0.00163	56.57	-28.28	0.00168
54.45	-30.41	0.00170	53.03	-31.82	0.00171
51.62	-33.23	0.00172	50.20	-34.65	0.00173
48.79	-36.06	0.00173	36.06	-48.79	0.00164
34.65	-50.20	0.00163	33.23	-51.62	0.00160
31.82	-53.03	0.00158	30.41	-54.45	0.00156
28.28	-56.57	0.00152	24.75	-60.10	0.00145
21.21	-63.64	0.00137	14.14	-70.71	0.00119
7.07	-77.78	0.00102	0.00	-84.85	0.00086
-7.07	-91.92	0.00074	-14.14	-98.99	0.00063
-21.21	-106.07	0.00055	-28.28	-113.14	0.00048

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00059	113.14	14.14	0.00069
106.07	7.07	0.00079	98.99	0.00	0.00091
91.92	-7.07	0.00104	84.85	-14.14	0.00117
77.78	-21.21	0.00130	70.71	-28.28	0.00142
67.18	-31.82	0.00146	63.64	-35.36	0.00150
61.52	-37.48	0.00151	60.10	-38.89	0.00152
58.69	-40.31	0.00153	57.28	-41.72	0.00153
55.86	-43.13	0.00153	43.13	-55.86	0.00146
41.72	-57.28	0.00145	40.31	-58.69	0.00143
38.89	-60.10	0.00141	37.48	-61.52	0.00139
35.36	-63.64	0.00136	31.82	-67.18	0.00131
28.28	-70.71	0.00125	21.21	-77.78	0.00110
14.14	-84.85	0.00096	7.07	-91.92	0.00082
0.00	-98.99	0.00070	-7.07	-106.07	0.00061
-14.14	-113.14	0.00053	-21.21	-120.21	0.00047
127.28	14.14	0.00058	120.21	7.07	0.00066
113.14	0.00	0.00076	106.07	-7.07	0.00086
98.99	-14.14	0.00097	91.92	-21.21	0.00108
84.85	-28.28	0.00119	77.78	-35.36	0.00128
74.25	-38.89	0.00131	70.71	-42.43	0.00134
68.59	-44.55	0.00135	67.18	-45.96	0.00136
65.76	-47.38	0.00136	64.35	-48.79	0.00137
62.93	-50.20	0.00137	50.20	-62.93	0.00131
48.79	-64.35	0.00130	47.38	-65.76	0.00128
45.96	-67.18	0.00127	44.55	-68.59	0.00125
42.43	-70.71	0.00123	38.89	-74.25	0.00119
35.36	-77.78	0.00114	28.28	-84.85	0.00102
21.21	-91.92	0.00090	14.14	-98.99	0.00078
7.07	-106.07	0.00067	0.00	-113.14	0.00058
-7.07	-120.21	0.00051	-14.14	-127.28	0.00045
134.35	7.07	0.00056	127.28	0.00	0.00064
120.21	-7.07	0.00072	113.14	-14.14	0.00081
106.07	-21.21	0.00091	98.99	-28.28	0.00100
91.92	-35.36	0.00109	84.85	-42.43	0.00116
81.32	-45.96	0.00119	77.78	-49.50	0.00121
75.66	-51.62	0.00122	74.25	-53.03	0.00122
72.83	-54.45	0.00122	71.42	-55.86	0.00123
70.00	-57.28	0.00123	57.28	-70.00	0.00118
55.86	-71.42	0.00117	54.45	-72.83	0.00116
53.03	-74.25	0.00115	51.62	-75.66	0.00113

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36
 **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
49.50	-77.78	0.00111	45.96	-81.32	0.00108
42.43	-84.85	0.00104	35.36	-91.92	0.00094
28.28	-98.99	0.00084	21.21	-106.07	0.00074
14.14	-113.14	0.00064	7.07	-120.21	0.00056
0.00	-127.28	0.00049	-7.07	-134.35	0.00044
141.42	0.00	0.00055	134.35	-7.07	0.00062
127.28	-14.14	0.00069	120.21	-21.21	0.00077
113.14	-28.28	0.00085	106.07	-35.36	0.00093
98.99	-42.43	0.00100	91.92	-49.50	0.00106
88.39	-53.03	0.00108	84.85	-56.57	0.00109
82.73	-58.69	0.00110	81.32	-60.10	0.00110
79.90	-61.52	0.00111	78.49	-62.93	0.00111
77.07	-64.35	0.00111	64.35	-77.07	0.00107
62.93	-78.49	0.00106	61.52	-79.90	0.00105
60.10	-81.32	0.00104	58.69	-82.73	0.00103
56.57	-84.85	0.00101	53.03	-88.39	0.00098
49.50	-91.92	0.00095	42.43	-98.99	0.00087
35.36	-106.07	0.00079	28.28	-113.14	0.00070
21.21	-120.21	0.00061	14.14	-127.28	0.00054
7.07	-134.35	0.00047	0.00	-141.42	0.00042
148.49	-7.07	0.00053	141.42	-14.14	0.00059
134.35	-21.21	0.00065	127.28	-28.28	0.00072
120.21	-35.36	0.00079	113.14	-42.43	0.00086
106.07	-49.50	0.00092	98.99	-56.57	0.00096
95.46	-60.10	0.00098	91.92	-63.64	0.00100
89.80	-65.76	0.00100	88.39	-67.18	0.00100
86.97	-68.59	0.00100	85.56	-70.00	0.00100
84.15	-71.42	0.00100	71.42	-84.15	0.00097
70.00	-85.56	0.00096	68.59	-86.97	0.00095
67.18	-88.39	0.00095	65.76	-89.80	0.00094
63.64	-91.92	0.00093	60.10	-95.46	0.00090
56.57	-98.99	0.00087	49.50	-106.07	0.00081
42.43	-113.14	0.00074	35.36	-120.21	0.00066
28.28	-127.28	0.00059	21.21	-134.35	0.00052
14.14	-141.42	0.00046	7.07	-148.49	0.00041
155.56	-14.14	0.00051	148.49	-21.21	0.00056

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00062	134.35	-35.36	0.00068
127.28	-42.43	0.00074	120.21	-49.50	0.00080
113.14	-56.57	0.00085	106.07	-63.64	0.00088
102.53	-67.18	0.00090	98.99	-70.71	0.00091

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

15:39:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00091	95.46	-74.25	0.00091
94.05	-75.66	0.00092	92.63	-77.07	0.00092
91.22	-78.49	0.00092	78.49	-91.22	0.00088
77.07	-92.63	0.00088	75.66	-94.05	0.00087
74.25	-95.46	0.00087	72.83	-96.87	0.00086
70.71	-98.99	0.00085	67.18	-102.53	0.00083
63.64	-106.07	0.00081	56.57	-113.14	0.00075
49.50	-120.21	0.00069	42.43	-127.28	0.00062
35.36	-134.35	0.00056	28.28	-141.42	0.00050
21.21	-148.49	0.00044	14.14	-155.56	0.00039
162.63	-21.21	0.00049	155.56	-28.28	0.00054
148.49	-35.36	0.00059	141.42	-42.43	0.00064
134.35	-49.50	0.00069	127.28	-56.57	0.00074
120.21	-63.64	0.00078	113.14	-70.71	0.00081
109.60	-74.25	0.00083	106.07	-77.78	0.00083
103.94	-79.90	0.00084	102.53	-81.32	0.00084
101.12	-82.73	0.00084	99.70	-84.15	0.00084
98.29	-85.56	0.00084	85.56	-98.29	0.00081
84.15	-99.70	0.00081	82.73	-101.12	0.00080
81.32	-102.53	0.00080	79.90	-103.94	0.00079
77.78	-106.07	0.00078	74.25	-109.60	0.00076
70.71	-113.14	0.00074	63.64	-120.21	0.00070
56.57	-127.28	0.00065	49.50	-134.35	0.00059
42.43	-141.42	0.00053	35.36	-148.49	0.00048
28.28	-155.56	0.00043	21.21	-162.63	0.00038
169.71	-28.28	0.00047	162.63	-35.36	0.00051
155.56	-42.43	0.00056	148.49	-49.50	0.00060
141.42	-56.57	0.00065	134.35	-63.64	0.00069
127.28	-70.71	0.00073	120.21	-77.78	0.00075
116.67	-81.32	0.00076	113.14	-84.85	0.00077

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00077	109.60	-88.39	0.00077
108.19	-89.80	0.00077	106.77	-91.22	0.00077
105.36	-92.63	0.00077	92.63	-105.36	0.00075
91.22	-106.77	0.00074	89.80	-108.19	0.00074
88.39	-109.60	0.00073	86.97	-111.02	0.00073
84.85	-113.14	0.00072	81.32	-116.67	0.00071
77.78	-120.21	0.00069	70.71	-127.28	0.00065
63.64	-134.35	0.00061	56.57	-141.42	0.00056
49.50	-148.49	0.00051	42.43	-155.56	0.00046
35.36	-162.63	0.00041	28.28	-169.71	0.00037

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

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00045	169.71	-42.43	0.00049
162.63	-49.50	0.00053	155.56	-56.57	0.00057
148.49	-63.64	0.00061	141.42	-70.71	0.00064
134.35	-77.78	0.00067	127.28	-84.85	0.00070
123.74	-88.39	0.00070	120.21	-91.92	0.00071
118.09	-94.05	0.00071	116.67	-95.46	0.00071
115.26	-96.87	0.00071	113.84	-98.29	0.00071
112.43	-99.70	0.00071	99.70	-112.43	0.00069
98.29	-113.84	0.00069	96.87	-115.26	0.00068
95.46	-116.67	0.00068	94.05	-118.09	0.00067
91.92	-120.21	0.00067	88.39	-123.74	0.00066
84.85	-127.28	0.00064	77.78	-134.35	0.00061
70.71	-141.42	0.00057	63.64	-148.49	0.00053
56.57	-155.56	0.00048	49.50	-162.63	0.00044
42.43	-169.71	0.00040	35.36	-176.78	0.00036
183.85	-42.43	0.00043	176.78	-49.50	0.00047
169.71	-56.57	0.00050	162.63	-63.64	0.00054
155.56	-70.71	0.00057	148.49	-77.78	0.00060
141.42	-84.85	0.00063	134.35	-91.92	0.00065
130.81	-95.46	0.00065	127.28	-98.99	0.00066
125.16	-101.12	0.00066	123.74	-102.53	0.00066
122.33	-103.94	0.00066	120.92	-105.36	0.00066
119.50	-106.77	0.00066	106.77	-119.50	0.00064
105.36	-120.92	0.00064	103.94	-122.33	0.00063

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00063	101.12	-125.16	0.00063
98.99	-127.28	0.00062	95.46	-130.81	0.00061
91.92	-134.35	0.00060	84.85	-141.42	0.00057
77.78	-148.49	0.00054	70.71	-155.56	0.00050
63.64	-162.63	0.00046	56.57	-169.71	0.00042
49.50	-176.78	0.00038	42.43	-183.85	0.00035
190.92	-49.50	0.00041	183.85	-56.57	0.00045
176.78	-63.64	0.00048	169.71	-70.71	0.00051
162.63	-77.78	0.00054	155.56	-84.85	0.00056
148.49	-91.92	0.00059	141.42	-98.99	0.00060
137.89	-102.53	0.00061	134.35	-106.07	0.00061
132.23	-108.19	0.00061	130.81	-109.60	0.00061
129.40	-111.02	0.00061	127.99	-112.43	0.00061
126.57	-113.84	0.00061	113.84	-126.57	0.00060
112.43	-127.99	0.00059	111.02	-129.40	0.00059
109.60	-130.81	0.00059	108.19	-132.23	0.00058

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW 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
106.07	-134.35	0.00058	102.53	-137.89	0.00057
98.99	-141.42	0.00056	91.92	-148.49	0.00053
84.85	-155.56	0.00051	77.78	-162.63	0.00047
70.71	-169.71	0.00044	63.64	-176.78	0.00040
56.57	-183.85	0.00037	49.50	-190.92	0.00033
197.99	-56.57	0.00040	190.92	-63.64	0.00043
183.85	-70.71	0.00045	176.78	-77.78	0.00048
169.71	-84.85	0.00051	162.63	-91.92	0.00053
155.56	-98.99	0.00055	148.49	-106.07	0.00056
144.96	-109.60	0.00057	141.42	-113.14	0.00057
139.30	-115.26	0.00057	137.89	-116.67	0.00057
136.47	-118.09	0.00057	135.06	-119.50	0.00057
133.64	-120.92	0.00057	120.92	-133.64	0.00056
119.50	-135.06	0.00055	118.09	-136.47	0.00055
116.67	-137.89	0.00055	115.26	-139.30	0.00054
113.14	-141.42	0.00054	109.60	-144.96	0.00053
106.07	-148.49	0.00052	98.99	-155.56	0.00050
91.92	-162.63	0.00048	84.85	-169.71	0.00045

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00042	70.71	-183.85	0.00038
63.64	-190.92	0.00035	56.57	-197.99	0.00032
205.06	-63.64	0.00038	197.99	-70.71	0.00041
190.92	-77.78	0.00043	183.85	-84.85	0.00046
176.78	-91.92	0.00048	169.71	-98.99	0.00050
162.63	-106.07	0.00051	155.56	-113.14	0.00053
152.03	-116.67	0.00053	148.49	-120.21	0.00053
146.37	-122.33	0.00053	144.96	-123.74	0.00053
143.54	-125.16	0.00053	142.13	-126.57	0.00053
140.71	-127.99	0.00053	127.99	-140.71	0.00052
126.57	-142.13	0.00052	125.16	-143.54	0.00051
123.74	-144.96	0.00051	122.33	-146.37	0.00051
120.21	-148.49	0.00051	116.67	-152.03	0.00050
113.14	-155.56	0.00049	106.07	-162.63	0.00047
98.99	-169.71	0.00045	91.92	-176.78	0.00043
84.85	-183.85	0.00040	77.78	-190.92	0.00037
70.71	-197.99	0.00034	63.64	-205.06	0.00031
212.13	-70.71	0.00036	205.06	-77.78	0.00039
197.99	-84.85	0.00041	190.92	-91.92	0.00043
183.85	-98.99	0.00045	176.78	-106.07	0.00047
169.71	-113.14	0.00048	162.63	-120.21	0.00049
159.10	-123.74	0.00050	155.56	-127.28	0.00050

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

15:39:36
 **MODELOPTs:
 PAGE 100

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	0.00050	152.03	-130.81	0.00050
150.61	-132.23	0.00050	149.20	-133.64	0.00050
147.79	-135.06	0.00050	135.06	-147.79	0.00049
133.64	-149.20	0.00048	132.23	-150.61	0.00048
130.81	-152.03	0.00048	129.40	-153.44	0.00048
127.28	-155.56	0.00047	123.74	-159.10	0.00047
120.21	-162.63	0.00046	113.14	-169.71	0.00044
106.07	-176.78	0.00043	98.99	-183.85	0.00040
91.92	-190.92	0.00038	84.85	-197.99	0.00035
77.78	-205.06	0.00033	70.71	-212.13	0.00030
219.20	-77.78	0.00035	212.13	-84.85	0.00037
205.06	-91.92	0.00039	197.99	-98.99	0.00041

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00043	183.85	-113.14	0.00044
176.78	-120.21	0.00046	169.71	-127.28	0.00046
166.17	-130.81	0.00047	162.63	-134.35	0.00047
160.51	-136.47	0.00047	159.10	-137.89	0.00047
157.68	-139.30	0.00047	156.27	-140.71	0.00047
154.86	-142.13	0.00047	142.13	-154.86	0.00046
140.71	-156.27	0.00046	139.30	-157.68	0.00045
137.89	-159.10	0.00045	136.47	-160.51	0.00045
134.35	-162.63	0.00045	130.81	-166.17	0.00044
127.28	-169.71	0.00043	120.21	-176.78	0.00042
113.14	-183.85	0.00040	106.07	-190.92	0.00038
98.99	-197.99	0.00036	91.92	-205.06	0.00034
84.85	-212.13	0.00031	77.78	-219.20	0.00029
226.27	-84.85	0.00033	219.20	-91.92	0.00035
212.13	-98.99	0.00037	205.06	-106.07	0.00039
197.99	-113.14	0.00041	190.92	-120.21	0.00042
183.85	-127.28	0.00043	176.78	-134.35	0.00044
173.24	-137.89	0.00044	169.71	-141.42	0.00044
167.58	-143.54	0.00044	166.17	-144.96	0.00044
164.76	-146.37	0.00044	163.34	-147.79	0.00044
161.93	-149.20	0.00044	149.20	-161.93	0.00043
147.79	-163.34	0.00043	146.37	-164.76	0.00043
144.96	-166.17	0.00043	143.54	-167.58	0.00042
141.42	-169.71	0.00042	137.89	-173.24	0.00042
134.35	-176.78	0.00041	127.28	-183.85	0.00040
120.21	-190.92	0.00038	113.14	-197.99	0.00036
106.07	-205.06	0.00035	98.99	-212.13	0.00032
91.92	-219.20	0.00030	84.85	-226.27	0.00028

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

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW 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
233.35	-91.92	0.00032	226.27	-98.99	0.00034
219.20	-106.07	0.00036	212.13	-113.14	0.00037
205.06	-120.21	0.00038	197.99	-127.28	0.00040
190.92	-134.35	0.00041	183.85	-141.42	0.00041
180.31	-144.96	0.00041	176.78	-148.49	0.00041
174.66	-150.61	0.00042	173.24	-152.03	0.00042

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00041	170.41	-154.86	0.00041
169.00	-156.27	0.00041	156.27	-169.00	0.00041
154.86	-170.41	0.00040	153.44	-171.83	0.00040
152.03	-173.24	0.00040	150.61	-174.66	0.00040
148.49	-176.78	0.00040	144.96	-180.31	0.00039
141.42	-183.85	0.00039	134.35	-190.92	0.00038
127.28	-197.99	0.00036	120.21	-205.06	0.00035
113.14	-212.13	0.00033	106.07	-219.20	0.00031
98.99	-226.27	0.00029	91.92	-233.35	0.00027
240.42	-98.99	0.00031	233.35	-106.07	0.00032
226.27	-113.14	0.00034	219.20	-120.21	0.00035
212.13	-127.28	0.00037	205.06	-134.35	0.00038
197.99	-141.42	0.00038	190.92	-148.49	0.00039
187.38	-152.03	0.00039	183.85	-155.56	0.00039
181.73	-157.68	0.00039	180.31	-159.10	0.00039
178.90	-160.51	0.00039	177.48	-161.93	0.00039
176.07	-163.34	0.00039	163.34	-176.07	0.00038
161.93	-177.48	0.00038	160.51	-178.90	0.00038
159.10	-180.31	0.00038	157.68	-181.73	0.00038
155.56	-183.85	0.00038	152.03	-187.38	0.00037
148.49	-190.92	0.00037	141.42	-197.99	0.00036
134.35	-205.06	0.00034	127.28	-212.13	0.00033
120.21	-219.20	0.00032	113.14	-226.27	0.00030
106.07	-233.35	0.00028	98.99	-240.42	0.00026
247.49	-106.07	0.00030	240.42	-113.14	0.00031
233.35	-120.21	0.00032	226.27	-127.28	0.00034
219.20	-134.35	0.00035	212.13	-141.42	0.00036
205.06	-148.49	0.00036	197.99	-155.56	0.00037
194.45	-159.10	0.00037	190.92	-162.63	0.00037
188.80	-164.76	0.00037	187.38	-166.17	0.00037
185.97	-167.58	0.00037	184.55	-169.00	0.00037
183.14	-170.41	0.00037	170.41	-183.14	0.00036
169.00	-184.55	0.00036	167.58	-185.97	0.00036
166.17	-187.38	0.00036	164.76	-188.80	0.00036

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00036	159.10	-194.45	0.00035
155.56	-197.99	0.00035	148.49	-205.06	0.00034
141.42	-212.13	0.00033	134.35	-219.20	0.00032
127.28	-226.27	0.00030	120.21	-233.35	0.00029
113.14	-240.42	0.00027	106.07	-247.49	0.00025

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00012	-113.14	240.42	0.00014
-120.21	233.35	0.00017	-127.28	226.27	0.00020
-134.35	219.20	0.00025	-141.42	212.13	0.00033
-148.49	205.06	0.00044	-155.56	197.99	0.00062
-159.10	194.45	0.00074	-162.63	190.92	0.00090
-164.76	188.80	0.00101	-166.17	187.38	0.00109
-167.58	185.97	0.00117	-169.00	184.55	0.00125
-170.41	183.14	0.00132	-183.14	170.41	0.00152
-184.55	169.00	0.00150	-185.97	167.58	0.00148
-187.38	166.17	0.00145	-188.80	164.76	0.00142
-190.92	162.63	0.00136	-194.45	159.10	0.00124
-197.99	155.56	0.00113	-205.06	148.49	0.00092
-212.13	141.42	0.00075	-219.20	134.35	0.00061
-226.27	127.28	0.00051	-233.35	120.21	0.00043
-240.42	113.14	0.00037	-247.49	106.07	0.00032
-98.99	240.42	0.00013	-106.07	233.35	0.00015
-113.14	226.27	0.00018	-120.21	219.20	0.00021
-127.28	212.13	0.00027	-134.35	205.06	0.00035
-141.42	197.99	0.00046	-148.49	190.92	0.00065
-152.03	187.38	0.00079	-155.56	183.85	0.00098
-157.68	181.73	0.00111	-159.10	180.31	0.00122
-160.51	178.90	0.00133	-161.93	177.48	0.00146
-163.34	176.07	0.00158	-176.07	163.34	0.00190
-177.48	161.93	0.00184	-178.90	160.51	0.00178
-180.31	159.10	0.00171	-181.73	157.68	0.00164
-183.85	155.56	0.00153	-187.38	152.03	0.00136
-190.92	148.49	0.00122	-197.99	141.42	0.00098
-205.06	134.35	0.00079	-212.13	127.28	0.00065
-219.20	120.21	0.00054	-226.27	113.14	0.00045

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00039	-240.42	98.99	0.00033
-91.92	233.35	0.00013	-98.99	226.27	0.00016
-106.07	219.20	0.00019	-113.14	212.13	0.00023
-120.21	205.06	0.00028	-127.28	197.99	0.00037
-134.35	190.92	0.00050	-141.42	183.85	0.00070
-144.96	180.31	0.00085	-148.49	176.78	0.00105
-150.61	174.66	0.00121	-152.03	173.24	0.00133
-153.44	171.83	0.00147	-154.86	170.41	0.00163
-156.27	169.00	0.00181	-169.00	156.27	0.00226
-170.41	154.86	0.00213	-171.83	153.44	0.00200
-173.24	152.03	0.00189	-174.66	150.61	0.00180

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

15:39:36
 **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
-176.78	148.49	0.00166	-180.31	144.96	0.00147
-183.85	141.42	0.00131	-190.92	134.35	0.00104
-197.99	127.28	0.00083	-205.06	120.21	0.00068
-212.13	113.14	0.00056	-219.20	106.07	0.00047
-226.27	99.00	0.00040	-233.35	91.92	0.00035
-84.85	226.27	0.00014	-91.92	219.20	0.00017
-98.99	212.13	0.00020	-106.07	205.06	0.00024
-113.14	197.99	0.00031	-120.21	190.92	0.00040
-127.28	183.85	0.00054	-134.35	176.78	0.00077
-137.89	173.24	0.00094	-141.42	169.71	0.00118
-143.54	167.58	0.00137	-144.96	166.17	0.00151
-146.37	164.76	0.00169	-147.79	163.34	0.00191
-149.20	161.93	0.00220	-161.93	149.20	0.00258
-163.34	147.79	0.00237	-164.76	146.37	0.00220
-166.17	144.96	0.00206	-167.58	143.54	0.00194
-169.71	141.42	0.00178	-173.24	137.89	0.00156
-176.78	134.35	0.00137	-183.85	127.28	0.00108
-190.92	120.21	0.00086	-197.99	113.14	0.00070
-205.06	106.07	0.00058	-212.13	99.00	0.00048
-219.20	91.92	0.00041	-226.27	84.85	0.00036
-77.78	219.20	0.00015	-84.85	212.13	0.00018
-91.92	205.06	0.00021	-98.99	197.99	0.00026
-106.07	190.92	0.00033	-113.14	183.85	0.00044

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00061	-127.28	169.71	0.00092
-130.81	166.17	0.00118	-134.35	162.63	0.00156
-136.47	160.51	0.00190	-137.89	159.10	0.00219
-139.30	157.68	0.00256	-140.71	156.27	0.00304
-142.13	154.86	0.00368	-154.86	142.13	0.00327
-156.27	140.71	0.00286	-157.68	139.30	0.00256
-159.10	137.89	0.00233	-160.51	136.47	0.00215
-162.63	134.35	0.00194	-166.17	130.81	0.00166
-169.71	127.28	0.00145	-176.78	120.21	0.00112
-183.85	113.14	0.00088	-190.92	106.07	0.00072
-197.99	99.00	0.00059	-205.06	91.92	0.00050
-212.13	84.85	0.00042	-219.20	77.78	0.00036
-70.71	212.13	0.00016	-77.78	205.06	0.00019
-84.85	197.99	0.00024	-91.92	190.92	0.00030
-98.99	183.85	0.00038	-106.07	176.78	0.00052
-113.14	169.71	0.00076	-120.21	162.63	0.00122
-123.74	159.10	0.00162	-127.28	155.56	0.00224

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00278	-130.81	152.03	0.00323
-132.23	150.61	0.00379	-133.64	149.20	0.00446
-135.06	147.79	0.00531	-147.79	135.06	0.00417
-149.20	133.64	0.00357	-150.61	132.23	0.00314
-152.03	130.81	0.00281	-153.44	129.40	0.00254
-155.56	127.28	0.00222	-159.10	123.74	0.00183
-162.63	120.21	0.00154	-169.71	113.14	0.00116
-176.78	106.07	0.00092	-183.85	98.99	0.00074
-190.92	91.92	0.00061	-197.99	84.85	0.00051
-205.06	77.78	0.00043	-212.13	70.71	0.00037
-63.64	205.06	0.00018	-70.71	197.99	0.00022
-77.78	190.92	0.00027	-84.85	183.85	0.00035
-91.92	176.78	0.00046	-98.99	169.71	0.00065
-106.07	162.63	0.00098	-113.14	155.56	0.00162
-116.67	152.03	0.00218	-120.21	148.49	0.00300
-122.33	146.37	0.00369	-123.74	144.96	0.00424
-125.16	143.54	0.00491	-126.57	142.13	0.00569

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00663	-140.71	127.99	0.00503
-142.13	126.57	0.00431	-143.54	125.16	0.00376
-144.96	123.74	0.00333	-146.37	122.33	0.00298
-148.49	120.21	0.00257	-152.03	116.67	0.00206
-155.56	113.14	0.00170	-162.63	106.07	0.00123
-169.71	98.99	0.00095	-176.78	91.92	0.00076
-183.85	84.85	0.00063	-190.92	77.78	0.00053
-197.99	70.71	0.00045	-205.06	63.64	0.00038
-56.57	197.99	0.00020	-63.64	190.92	0.00025
-70.71	183.85	0.00032	-77.78	176.78	0.00042
-84.85	169.71	0.00057	-91.92	162.63	0.00081
-98.99	155.56	0.00124	-106.07	148.49	0.00206
-109.60	144.96	0.00273	-113.14	141.42	0.00370
-115.26	139.30	0.00447	-116.67	137.89	0.00509
-118.09	136.47	0.00581	-119.50	135.06	0.00663
-120.92	133.64	0.00762	-133.64	120.92	0.00573
-135.06	119.50	0.00493	-136.47	118.09	0.00431
-137.89	116.67	0.00380	-139.30	115.26	0.00339
-141.42	113.14	0.00289	-144.96	109.60	0.00229
-148.49	106.07	0.00187	-155.56	98.99	0.00133
-162.63	91.92	0.00100	-169.71	84.85	0.00080
-176.78	77.78	0.00065	-183.85	70.71	0.00055
-190.92	63.64	0.00046	-197.99	56.57	0.00039

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

15:39:36
 **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
-49.50	190.92	0.00023	-56.57	183.85	0.00029
-63.64	176.78	0.00038	-70.71	169.71	0.00050
-77.78	162.63	0.00069	-84.85	155.56	0.00100
-91.92	148.49	0.00153	-98.99	141.42	0.00249
-102.53	137.89	0.00325	-106.07	134.35	0.00429
-108.19	132.23	0.00511	-109.60	130.81	0.00575
-111.02	129.40	0.00649	-112.43	127.99	0.00733
-113.84	126.57	0.00832	-126.57	113.84	0.00624
-127.99	112.43	0.00539	-129.40	111.02	0.00473
-130.81	109.60	0.00417	-132.23	108.19	0.00372
-134.35	106.07	0.00316	-137.89	102.53	0.00249

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00203	-148.49	91.92	0.00144
-155.56	84.85	0.00108	-162.63	77.78	0.00084
-169.71	70.71	0.00068	-176.78	63.64	0.00056
-183.85	56.57	0.00047	-190.92	49.50	0.00040
-42.43	183.85	0.00027	-49.50	176.78	0.00034
-56.57	169.71	0.00044	-63.64	162.63	0.00059
-70.71	155.56	0.00082	-77.78	148.49	0.00120
-84.85	141.42	0.00181	-91.92	134.35	0.00288
-95.46	130.81	0.00369	-98.99	127.28	0.00478
-101.12	125.16	0.00561	-102.53	123.74	0.00625
-103.94	122.33	0.00698	-105.36	120.92	0.00781
-106.77	119.50	0.00878	-119.50	106.77	0.00655
-120.92	105.36	0.00567	-122.33	103.94	0.00499
-123.74	102.53	0.00442	-125.16	101.12	0.00395
-127.28	98.99	0.00337	-130.81	95.46	0.00267
-134.35	91.92	0.00219	-141.42	84.85	0.00156
-148.49	77.78	0.00116	-155.56	70.71	0.00089
-162.63	63.64	0.00070	-169.71	56.57	0.00057
-176.78	49.50	0.00047	-183.85	42.43	0.00040
-35.36	176.78	0.00030	-42.43	169.71	0.00039
-49.50	162.63	0.00051	-56.57	155.56	0.00069
-63.64	148.49	0.00096	-70.71	141.42	0.00139
-77.78	134.35	0.00208	-84.85	127.28	0.00322
-88.39	123.74	0.00407	-91.92	120.21	0.00518
-94.05	118.09	0.00601	-95.46	116.67	0.00664
-96.87	115.26	0.00734	-98.29	113.84	0.00815
-99.70	112.43	0.00908	-112.43	99.70	0.00666
-113.84	98.29	0.00580	-115.26	96.87	0.00513
-116.67	95.46	0.00458	-118.09	94.05	0.00412

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

15:39:36
 **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
-120.21	91.92	0.00355	-123.74	88.39	0.00285
-127.28	84.85	0.00234	-134.35	77.78	0.00166
-141.42	70.71	0.00123	-148.49	63.64	0.00094
-155.56	56.57	0.00073	-162.63	49.50	0.00058
-169.71	42.43	0.00048	-176.78	35.36	0.00040

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00034	-35.36	162.63	0.00044
-42.43	155.56	0.00058	-49.50	148.49	0.00079
-56.57	141.42	0.00109	-63.64	134.35	0.00156
-70.71	127.28	0.00230	-77.78	120.21	0.00350
-81.32	116.67	0.00437	-84.85	113.14	0.00549
-86.97	111.02	0.00631	-88.39	109.60	0.00694
-89.80	108.19	0.00763	-91.22	106.77	0.00841
-92.63	105.36	0.00929	-105.36	92.63	0.00669
-106.77	91.22	0.00589	-108.19	89.80	0.00525
-109.60	88.39	0.00473	-111.02	86.97	0.00428
-113.14	84.85	0.00372	-116.67	81.32	0.00299
-120.21	77.78	0.00246	-127.28	70.71	0.00174
-134.35	63.64	0.00129	-141.42	56.57	0.00098
-148.49	49.50	0.00076	-155.56	42.43	0.00061
-162.63	35.36	0.00049	-169.71	28.28	0.00041
-21.21	162.63	0.00039	-28.28	155.56	0.00050
-35.36	148.49	0.00066	-42.43	141.42	0.00089
-49.50	134.35	0.00122	-56.57	127.28	0.00172
-63.64	120.21	0.00249	-70.71	113.14	0.00371
-74.25	109.60	0.00458	-77.78	106.07	0.00568
-79.90	103.94	0.00648	-81.32	102.53	0.00708
-82.73	101.12	0.00774	-84.15	99.70	0.00847
-85.56	98.29	0.00924	-98.29	85.56	0.00666
-99.70	84.15	0.00594	-101.12	82.73	0.00533
-102.53	81.32	0.00483	-103.94	79.90	0.00439
-106.07	77.78	0.00384	-109.60	74.25	0.00312
-113.14	70.71	0.00257	-120.21	63.64	0.00182
-127.28	56.57	0.00135	-134.35	49.50	0.00103
-141.42	42.43	0.00080	-148.49	35.36	0.00063
-155.56	28.28	0.00051	-162.63	21.21	0.00042
-14.14	155.56	0.00044	-21.21	148.49	0.00056
-28.28	141.42	0.00073	-35.36	134.35	0.00098
-42.43	127.28	0.00133	-49.50	120.21	0.00184
-56.57	113.14	0.00262	-63.64	106.07	0.00379
-67.18	102.53	0.00459	-70.71	98.99	0.00555

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 15:39:36
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00620	-74.25	95.46	0.00666
-75.66	94.05	0.00713	-77.07	92.63	0.00759
-78.49	91.22	0.00800	-91.22	78.49	0.00616
-92.63	77.07	0.00565	-94.05	75.66	0.00518
-95.46	74.25	0.00476	-96.87	72.83	0.00438
-98.99	70.71	0.00386	-102.53	67.18	0.00317
-106.07	63.64	0.00263	-113.14	56.57	0.00187
-120.21	49.50	0.00139	-127.28	42.43	0.00106
-134.35	35.36	0.00083	-141.42	28.28	0.00066
-148.49	21.21	0.00054	-155.56	14.14	0.00044
-7.07	148.49	0.00048	-14.14	141.42	0.00061
-21.21	134.35	0.00080	-28.28	127.28	0.00105
-35.36	120.21	0.00141	-42.43	113.14	0.00192
-49.50	106.07	0.00265	-56.57	98.99	0.00368
-60.10	95.46	0.00433	-63.64	91.92	0.00506
-65.76	89.80	0.00551	-67.18	88.39	0.00581
-68.59	86.97	0.00609	-70.00	85.56	0.00634
-71.42	84.15	0.00655	-84.15	71.42	0.00541
-85.56	70.00	0.00507	-86.97	68.59	0.00474
-88.39	67.18	0.00442	-89.80	65.76	0.00411
-91.92	63.64	0.00370	-95.46	60.10	0.00311
-98.99	56.57	0.00262	-106.07	49.50	0.00190
-113.14	42.43	0.00141	-120.21	35.36	0.00109
-127.28	28.28	0.00086	-134.35	21.21	0.00068
-141.42	14.14	0.00055	-148.49	7.07	0.00046
0.00	141.42	0.00052	-7.07	134.35	0.00066
-14.14	127.28	0.00085	-21.21	120.21	0.00110
-28.28	113.14	0.00145	-35.36	106.07	0.00193
-42.43	98.99	0.00258	-49.50	91.92	0.00344
-53.03	88.39	0.00393	-56.57	84.85	0.00444
-58.69	82.73	0.00474	-60.10	81.32	0.00492
-61.52	79.90	0.00508	-62.93	78.49	0.00522
-64.35	77.07	0.00533	-77.07	64.35	0.00462
-78.49	62.93	0.00441	-79.90	61.52	0.00419
-81.32	60.10	0.00396	-82.73	58.69	0.00374
-84.85	56.57	0.00341	-88.39	53.03	0.00293
-91.92	49.50	0.00252	-98.99	42.43	0.00188
-106.07	35.36	0.00142	-113.14	28.28	0.00110
-120.21	21.21	0.00087	-127.28	14.14	0.00070
-134.35	7.07	0.00057	-141.42	0.00	0.00047

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**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
7.07	134.35	0.00055	0.00	127.28	0.00069
-7.07	120.21	0.00088	-14.14	113.14	0.00113
-21.21	106.07	0.00146	-28.28	98.99	0.00189
-35.36	91.92	0.00245	-42.43	84.85	0.00312
-45.96	81.32	0.00349	-49.50	77.78	0.00384
-51.62	75.66	0.00403	-53.03	74.25	0.00414
-54.45	72.83	0.00424	-55.86	71.42	0.00433
-57.28	70.00	0.00439	-70.00	57.28	0.00392
-71.42	55.86	0.00378	-72.83	54.45	0.00364
-74.25	53.03	0.00349	-75.66	51.62	0.00333
-77.78	49.50	0.00309	-81.32	45.96	0.00270
-84.85	42.43	0.00236	-91.92	35.36	0.00181
-98.99	28.28	0.00141	-106.07	21.21	0.00110
-113.14	14.14	0.00088	-120.21	7.07	0.00071
-127.28	0.00	0.00058	-134.35	-7.07	0.00048
14.14	127.28	0.00058	7.07	120.21	0.00072
0.00	113.14	0.00090	-7.07	106.07	0.00113
-14.14	98.99	0.00144	-21.21	91.92	0.00181
-28.28	84.85	0.00227	-35.36	77.78	0.00280
-38.89	74.25	0.00306	-42.43	70.71	0.00330
-44.55	68.59	0.00343	-45.96	67.18	0.00351
-47.38	65.76	0.00357	-48.79	64.35	0.00362
-50.20	62.93	0.00365	-62.93	50.20	0.00333
-64.35	48.79	0.00324	-65.76	47.38	0.00314
-67.18	45.96	0.00304	-68.59	44.55	0.00293
-70.71	42.43	0.00275	-74.25	38.89	0.00246
-77.78	35.36	0.00218	-84.85	28.28	0.00171
-91.92	21.21	0.00136	-98.99	14.14	0.00109
-106.07	7.07	0.00088	-113.14	0.00	0.00071
-120.21	-7.07	0.00059	-127.28	-14.14	0.00049
21.21	120.21	0.00060	14.14	113.14	0.00073
7.07	106.07	0.00091	0.00	98.99	0.00112
-7.07	91.92	0.00139	-14.14	84.85	0.00171
-21.21	77.78	0.00209	-28.28	70.71	0.00249
-31.82	67.18	0.00268	-35.36	63.64	0.00285
-37.48	61.52	0.00294	-38.89	60.10	0.00299
-40.31	58.69	0.00303	-41.72	57.28	0.00306

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00308	-55.86	43.13	0.00284
-57.28	41.72	0.00278	-58.69	40.31	0.00271
-60.10	38.89	0.00264	-61.52	37.48	0.00257

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

15:39:36
 **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
-63.64	35.36	0.00244	-67.18	31.82	0.00222
-70.71	28.28	0.00200	-77.78	21.21	0.00160
-84.85	14.14	0.00129	-91.92	7.07	0.00105
-98.99	0.00	0.00086	-106.07	-7.07	0.00071
-113.14	-14.14	0.00059	-120.21	-21.21	0.00050
28.28	113.14	0.00061	21.21	106.07	0.00074
14.14	98.99	0.00090	7.07	91.92	0.00109
0.00	84.85	0.00133	-7.07	77.78	0.00160
-14.14	70.71	0.00191	-21.21	63.64	0.00221
-24.75	60.10	0.00235	-28.28	56.57	0.00247
-30.41	54.45	0.00253	-31.82	53.03	0.00257
-33.23	51.62	0.00259	-34.65	50.20	0.00261
-36.06	48.79	0.00263	-48.79	36.06	0.00245
-50.20	34.65	0.00240	-51.62	33.23	0.00236
-53.03	31.82	0.00231	-54.45	30.41	0.00225
-56.57	28.28	0.00216	-60.10	24.75	0.00200
-63.64	21.21	0.00183	-70.71	14.14	0.00150
-77.78	7.07	0.00122	-84.85	0.00	0.00101
-91.92	-7.07	0.00084	-98.99	-14.14	0.00070
-106.07	-21.21	0.00059	-113.14	-28.28	0.00050
35.36	106.07	0.00061	28.28	98.99	0.00073
21.21	91.92	0.00088	14.14	84.85	0.00106
7.07	77.78	0.00126	0.00	70.71	0.00149
-7.07	63.64	0.00173	-14.14	56.57	0.00197
-17.68	53.03	0.00207	-21.21	49.50	0.00216
-23.33	47.38	0.00220	-24.75	45.96	0.00223
-26.16	44.55	0.00224	-27.58	43.13	0.00226
-28.99	41.72	0.00226	-41.72	28.99	0.00213
-43.13	27.58	0.00209	-44.55	26.16	0.00206
-45.96	24.75	0.00202	-47.38	23.33	0.00198
-49.50	21.21	0.00191	-53.03	17.68	0.00179

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00166	-63.64	7.07	0.00139
-70.71	0.00	0.00115	-77.78	-7.07	0.00096
-84.85	-14.14	0.00081	-91.92	-21.21	0.00068
-98.99	-28.28	0.00058	-106.07	-35.36	0.00050
42.43	98.99	0.00061	35.36	91.92	0.00072
28.28	84.85	0.00086	21.21	77.78	0.00101
14.14	70.71	0.00119	7.07	63.64	0.00138
0.00	56.57	0.00157	-7.07	49.50	0.00176
-10.61	45.96	0.00184	-14.14	42.43	0.00190

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

15:39:36
 **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
-16.26	40.31	0.00193	-17.68	38.89	0.00195
-19.09	37.48	0.00196	-20.51	36.06	0.00197
-21.92	34.65	0.00197	-34.65	21.92	0.00186
-36.06	20.51	0.00184	-37.48	19.09	0.00181
-38.89	17.68	0.00178	-40.31	16.26	0.00175
-42.43	14.14	0.00170	-45.96	10.61	0.00161
-49.50	7.07	0.00151	-56.57	0.00	0.00129
-63.64	-7.07	0.00108	-70.71	-14.14	0.00091
-77.78	-21.21	0.00077	-84.85	-28.28	0.00066
-91.92	-35.36	0.00057	-98.99	-42.43	0.00049
49.50	91.92	0.00060	42.43	84.85	0.00071
35.36	77.78	0.00083	28.28	70.71	0.00096
21.21	63.64	0.00111	14.14	56.57	0.00127
7.07	49.50	0.00143	0.00	42.43	0.00157
-3.54	38.89	0.00163	-7.07	35.36	0.00168
-9.19	33.23	0.00170	-10.61	31.82	0.00171
-12.02	30.41	0.00172	-13.44	28.99	0.00173
-14.85	27.58	0.00173	-27.58	14.85	0.00164
-28.99	13.44	0.00163	-30.41	12.02	0.00160
-31.82	10.61	0.00158	-33.23	9.19	0.00156
-35.36	7.07	0.00152	-38.89	3.54	0.00145
-42.43	0.00	0.00137	-49.50	-7.07	0.00119
-56.57	-14.14	0.00102	-63.64	-21.21	0.00086
-70.71	-28.28	0.00074	-77.78	-35.36	0.00063
-84.85	-42.43	0.00055	-91.92	-49.50	0.00048

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00059	49.50	77.78	0.00069
42.43	70.71	0.00079	35.36	63.64	0.00091
28.28	56.57	0.00104	21.21	49.50	0.00117
14.14	42.43	0.00130	7.07	35.36	0.00142
3.54	31.82	0.00146	0.00	28.28	0.00150
-2.12	26.16	0.00151	-3.54	24.75	0.00152
-4.95	23.33	0.00153	-6.36	21.92	0.00153
-7.78	20.51	0.00153	-20.51	7.78	0.00146
-21.92	6.36	0.00145	-23.33	4.95	0.00143
-24.75	3.54	0.00141	-26.16	2.12	0.00139
-28.28	0.00	0.00136	-31.82	-3.54	0.00131
-35.36	-7.07	0.00125	-42.43	-14.14	0.00110
-49.50	-21.21	0.00096	-56.57	-28.28	0.00082
-63.64	-35.36	0.00070	-70.71	-42.43	0.00061
-77.78	-49.50	0.00053	-84.85	-56.57	0.00047

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
63.64	77.78	0.00058	56.57	70.71	0.00066
49.50	63.64	0.00076	42.43	56.57	0.00086
35.36	49.50	0.00097	28.28	42.43	0.00108
21.21	35.36	0.00119	14.14	28.28	0.00128
10.61	24.75	0.00131	7.07	21.21	0.00134
4.95	19.09	0.00135	3.54	17.68	0.00136
2.12	16.26	0.00136	0.71	14.85	0.00137
-0.71	13.44	0.00137	-13.44	0.71	0.00131
-14.85	-0.71	0.00130	-16.26	-2.12	0.00128
-17.68	-3.54	0.00127	-19.09	-4.95	0.00125
-21.21	-7.07	0.00123	-24.75	-10.61	0.00119
-28.28	-14.14	0.00114	-35.36	-21.21	0.00102
-42.43	-28.28	0.00090	-49.50	-35.36	0.00078
-56.57	-42.43	0.00067	-63.64	-49.50	0.00058
-70.71	-56.57	0.00051	-77.78	-63.64	0.00045
70.71	70.71	0.00056	63.64	63.64	0.00064
56.57	56.57	0.00072	49.50	49.50	0.00081
42.43	42.43	0.00091	35.36	35.36	0.00100
28.28	28.28	0.00109	21.21	21.21	0.00116

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00119	14.14	14.14	0.00121
12.02	12.02	0.00122	10.61	10.61	0.00122
9.19	9.19	0.00122	7.78	7.78	0.00123
6.36	6.36	0.00123	-6.36	-6.36	0.00118
-7.78	-7.78	0.00117	-9.19	-9.19	0.00116
-10.61	-10.61	0.00115	-12.02	-12.02	0.00113
-14.14	-14.14	0.00111	-17.68	-17.68	0.00108
-21.21	-21.21	0.00104	-28.28	-28.28	0.00094
-35.36	-35.36	0.00084	-42.43	-42.43	0.00074
-49.50	-49.50	0.00064	-56.57	-56.57	0.00056
-63.64	-63.64	0.00049	-70.71	-70.71	0.00044
77.78	63.64	0.00055	70.71	56.57	0.00062
63.64	49.50	0.00069	56.57	42.43	0.00077
49.50	35.36	0.00085	42.43	28.28	0.00093
35.36	21.21	0.00100	28.28	14.14	0.00106
24.75	10.61	0.00108	21.21	7.07	0.00109
19.09	4.95	0.00110	17.68	3.54	0.00110
16.26	2.12	0.00111	14.85	0.71	0.00111
13.44	-0.71	0.00111	0.71	-13.44	0.00107
-0.71	-14.85	0.00106	-2.12	-16.26	0.00105
-3.54	-17.68	0.00104	-4.95	-19.09	0.00103

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
-7.07	-21.21	0.00101	-10.61	-24.75	0.00098
-14.14	-28.28	0.00095	-21.21	-35.36	0.00087
-28.28	-42.43	0.00079	-35.36	-49.50	0.00070
-42.43	-56.57	0.00061	-49.50	-63.64	0.00054
-56.57	-70.71	0.00047	-63.64	-77.78	0.00042
84.85	56.57	0.00053	77.78	49.50	0.00059
70.71	42.43	0.00065	63.64	35.36	0.00072
56.57	28.28	0.00079	49.50	21.21	0.00086
42.43	14.14	0.00092	35.36	7.07	0.00096
31.82	3.54	0.00098	28.28	0.00	0.00100
26.16	-2.12	0.00100	24.75	-3.54	0.00100
23.33	-4.95	0.00100	21.92	-6.36	0.00100
20.51	-7.78	0.00100	7.78	-20.51	0.00097

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00096	4.95	-23.33	0.00095
3.54	-24.75	0.00095	2.12	-26.16	0.00094
0.00	-28.28	0.00093	-3.54	-31.82	0.00090
-7.07	-35.36	0.00087	-14.14	-42.43	0.00081
-21.21	-49.50	0.00074	-28.28	-56.57	0.00066
-35.36	-63.64	0.00059	-42.43	-70.71	0.00052
-49.50	-77.78	0.00046	-56.57	-84.85	0.00041
91.92	49.50	0.00051	84.85	42.43	0.00056
77.78	35.36	0.00062	70.71	28.28	0.00068
63.64	21.21	0.00074	56.57	14.14	0.00080
49.50	7.07	0.00085	42.43	0.00	0.00088
38.89	-3.54	0.00090	35.36	-7.07	0.00091
33.23	-9.19	0.00091	31.82	-10.61	0.00091
30.41	-12.02	0.00092	28.99	-13.44	0.00092
27.58	-14.85	0.00092	14.85	-27.58	0.00088
13.44	-28.99	0.00088	12.02	-30.41	0.00087
10.61	-31.82	0.00087	9.19	-33.23	0.00086
7.07	-35.36	0.00085	3.54	-38.89	0.00083
0.00	-42.43	0.00081	-7.07	-49.50	0.00075
-14.14	-56.57	0.00069	-21.21	-63.64	0.00062
-28.28	-70.71	0.00056	-35.36	-77.78	0.00050
-42.43	-84.85	0.00044	-49.50	-91.92	0.00039
98.99	42.43	0.00049	91.92	35.36	0.00054
84.85	28.28	0.00059	77.78	21.21	0.00064
70.71	14.14	0.00069	63.64	7.07	0.00074
56.57	0.00	0.00078	49.50	-7.07	0.00081
45.96	-10.61	0.00083	42.43	-14.14	0.00083

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

15:39:36
 **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
40.31	-16.26	0.00084	38.89	-17.68	0.00084
37.48	-19.09	0.00084	36.06	-20.51	0.00084
34.65	-21.92	0.00084	21.92	-34.65	0.00081
20.51	-36.06	0.00081	19.09	-37.48	0.00080
17.68	-38.89	0.00080	16.26	-40.31	0.00079
14.14	-42.43	0.00078	10.61	-45.96	0.00076
7.07	-49.50	0.00074	0.00	-56.57	0.00070

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00065	-14.14	-70.71	0.00059
-21.21	-77.78	0.00053	-28.28	-84.85	0.00048
-35.36	-91.92	0.00043	-42.43	-98.99	0.00038
106.07	35.36	0.00047	98.99	28.28	0.00051
91.92	21.21	0.00056	84.85	14.14	0.00060
77.78	7.07	0.00065	70.71	0.00	0.00069
63.64	-7.07	0.00073	56.57	-14.14	0.00075
53.03	-17.68	0.00076	49.50	-21.21	0.00077
47.38	-23.33	0.00077	45.96	-24.75	0.00077
44.55	-26.16	0.00077	43.13	-27.58	0.00077
41.72	-28.99	0.00077	28.99	-41.72	0.00075
27.58	-43.13	0.00074	26.16	-44.55	0.00074
24.75	-45.96	0.00073	23.33	-47.38	0.00073
21.21	-49.50	0.00072	17.68	-53.03	0.00071
14.14	-56.57	0.00069	7.07	-63.64	0.00065
0.00	-70.71	0.00061	-7.07	-77.78	0.00056
-14.14	-84.85	0.00051	-21.21	-91.92	0.00046
-28.28	-98.99	0.00041	-35.36	-106.07	0.00037
113.14	28.28	0.00045	106.07	21.21	0.00049
98.99	14.14	0.00053	91.92	7.07	0.00057
84.85	0.00	0.00061	77.78	-7.07	0.00064
70.71	-14.14	0.00067	63.64	-21.21	0.00070
60.10	-24.75	0.00070	56.57	-28.28	0.00071
54.45	-30.41	0.00071	53.03	-31.82	0.00071
51.62	-33.23	0.00071	50.20	-34.65	0.00071
48.79	-36.06	0.00071	36.06	-48.79	0.00069
34.65	-50.20	0.00069	33.23	-51.62	0.00068
31.82	-53.03	0.00068	30.41	-54.45	0.00067
28.28	-56.57	0.00067	24.75	-60.10	0.00066
21.21	-63.64	0.00064	14.14	-70.71	0.00061
7.07	-77.78	0.00057	0.00	-84.85	0.00053
-7.07	-91.92	0.00048	-14.14	-98.99	0.00044
-21.21	-106.07	0.00040	-28.28	-113.14	0.00036

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

15:39:36
 **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
120.21	21.21	0.00043	113.14	14.14	0.00047

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00050	98.99	0.00	0.00054
91.92	-7.07	0.00057	84.85	-14.14	0.00060
77.78	-21.21	0.00063	70.71	-28.28	0.00065
67.18	-31.82	0.00065	63.64	-35.36	0.00066
61.52	-37.48	0.00066	60.10	-38.89	0.00066
58.69	-40.31	0.00066	57.28	-41.72	0.00066
55.86	-43.13	0.00066	43.13	-55.86	0.00064
41.72	-57.28	0.00064	40.31	-58.69	0.00063
38.89	-60.10	0.00063	37.48	-61.52	0.00063
35.36	-63.64	0.00062	31.82	-67.18	0.00061
28.28	-70.71	0.00060	21.21	-77.78	0.00057
14.14	-84.85	0.00054	7.07	-91.92	0.00050
0.00	-98.99	0.00046	-7.07	-106.07	0.00042
-14.14	-113.14	0.00038	-21.21	-120.21	0.00035
127.28	14.14	0.00041	120.21	7.07	0.00045
113.14	0.00	0.00048	106.07	-7.07	0.00051
98.99	-14.14	0.00054	91.92	-21.21	0.00056
84.85	-28.28	0.00059	77.78	-35.36	0.00060
74.25	-38.89	0.00061	70.71	-42.43	0.00061
68.59	-44.55	0.00061	67.18	-45.96	0.00061
65.76	-47.38	0.00061	64.35	-48.79	0.00061
62.93	-50.20	0.00061	50.20	-62.93	0.00060
48.79	-64.35	0.00059	47.38	-65.76	0.00059
45.96	-67.18	0.00059	44.55	-68.59	0.00058
42.43	-70.71	0.00058	38.89	-74.25	0.00057
35.36	-77.78	0.00056	28.28	-84.85	0.00053
21.21	-91.92	0.00051	14.14	-98.99	0.00047
7.07	-106.07	0.00044	0.00	-113.14	0.00040
-7.07	-120.21	0.00037	-14.14	-127.28	0.00033
134.35	7.07	0.00040	127.28	0.00	0.00043
120.21	-7.07	0.00045	113.14	-14.14	0.00048
106.07	-21.21	0.00051	98.99	-28.28	0.00053
91.92	-35.36	0.00055	84.85	-42.43	0.00056
81.32	-45.96	0.00057	77.78	-49.50	0.00057
75.66	-51.62	0.00057	74.25	-53.03	0.00057
72.83	-54.45	0.00057	71.42	-55.86	0.00057
70.00	-57.28	0.00057	57.28	-70.00	0.00056
55.86	-71.42	0.00055	54.45	-72.83	0.00055
53.03	-74.25	0.00055	51.62	-75.66	0.00054

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00054	45.96	-81.32	0.00053
42.43	-84.85	0.00052	35.36	-91.92	0.00050
28.28	-98.99	0.00048	21.21	-106.07	0.00045
14.14	-113.14	0.00042	7.07	-120.21	0.00038
0.00	-127.28	0.00035	-7.07	-134.35	0.00032
141.42	0.00	0.00038	134.35	-7.07	0.00041
127.28	-14.14	0.00043	120.21	-21.21	0.00046
113.14	-28.28	0.00048	106.07	-35.36	0.00050
98.99	-42.43	0.00051	91.92	-49.50	0.00053
88.39	-53.03	0.00053	84.85	-56.57	0.00053
82.73	-58.69	0.00053	81.32	-60.10	0.00053
79.90	-61.52	0.00053	78.49	-62.93	0.00053
77.07	-64.35	0.00053	64.35	-77.07	0.00052
62.93	-78.49	0.00052	61.52	-79.90	0.00051
60.10	-81.32	0.00051	58.69	-82.73	0.00051
56.57	-84.85	0.00051	53.03	-88.39	0.00050
49.50	-91.92	0.00049	42.43	-98.99	0.00047
35.36	-106.07	0.00045	28.28	-113.14	0.00043
21.21	-120.21	0.00040	14.14	-127.28	0.00037
7.07	-134.35	0.00034	0.00	-141.42	0.00031
148.49	-7.07	0.00036	141.42	-14.14	0.00039
134.35	-21.21	0.00041	127.28	-28.28	0.00043
120.21	-35.36	0.00045	113.14	-42.43	0.00047
106.07	-49.50	0.00048	98.99	-56.57	0.00049
95.46	-60.10	0.00050	91.92	-63.64	0.00050
89.80	-65.76	0.00050	88.39	-67.18	0.00050
86.97	-68.59	0.00050	85.56	-70.00	0.00050
84.15	-71.42	0.00050	71.42	-84.15	0.00049
70.00	-85.56	0.00048	68.59	-86.97	0.00048
67.18	-88.39	0.00048	65.76	-89.80	0.00048
63.64	-91.92	0.00047	60.10	-95.46	0.00047
56.57	-98.99	0.00046	49.50	-106.07	0.00044
42.43	-113.14	0.00043	35.36	-120.21	0.00040
28.28	-127.28	0.00038	21.21	-134.35	0.00035
14.14	-141.42	0.00033	7.07	-148.49	0.00030
155.56	-14.14	0.00035	148.49	-21.21	0.00037
141.42	-28.28	0.00039	134.35	-35.36	0.00041
127.28	-42.43	0.00043	120.21	-49.50	0.00044
113.14	-56.57	0.00046	106.07	-63.64	0.00046

102.53 -67.18 0.00047 98.99 -70.71 0.00047

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

15:39:36
 **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
96.87	-72.83	0.00047	95.46	-74.25	0.00047
94.05	-75.66	0.00047	92.63	-77.07	0.00047
91.22	-78.49	0.00047	78.49	-91.22	0.00046
77.07	-92.63	0.00046	75.66	-94.05	0.00045
74.25	-95.46	0.00045	72.83	-96.87	0.00045
70.71	-98.99	0.00045	67.18	-102.53	0.00044
63.64	-106.07	0.00043	56.57	-113.14	0.00042
49.50	-120.21	0.00040	42.43	-127.28	0.00038
35.36	-134.35	0.00036	28.28	-141.42	0.00034
21.21	-148.49	0.00031	14.14	-155.56	0.00029
162.63	-21.21	0.00033	155.56	-28.28	0.00035
148.49	-35.36	0.00037	141.42	-42.43	0.00039
134.35	-49.50	0.00041	127.28	-56.57	0.00042
120.21	-63.64	0.00043	113.14	-70.71	0.00044
109.60	-74.25	0.00044	106.07	-77.78	0.00044
103.94	-79.90	0.00044	102.53	-81.32	0.00044
101.12	-82.73	0.00044	99.70	-84.15	0.00044
98.29	-85.56	0.00044	85.56	-98.29	0.00043
84.15	-99.70	0.00043	82.73	-101.12	0.00043
81.32	-102.53	0.00043	79.90	-103.94	0.00042
77.78	-106.07	0.00042	74.25	-109.60	0.00042
70.71	-113.14	0.00041	63.64	-120.21	0.00040
56.57	-127.28	0.00038	49.50	-134.35	0.00036
42.43	-141.42	0.00035	35.36	-148.49	0.00032
28.28	-155.56	0.00030	21.21	-162.63	0.00028
169.71	-28.28	0.00032	162.63	-35.36	0.00034
155.56	-42.43	0.00036	148.49	-49.50	0.00037
141.42	-56.57	0.00038	134.35	-63.64	0.00040
127.28	-70.71	0.00041	120.21	-77.78	0.00041
116.67	-81.32	0.00041	113.14	-84.85	0.00041
111.02	-86.97	0.00042	109.60	-88.39	0.00042
108.19	-89.80	0.00041	106.77	-91.22	0.00041
105.36	-92.63	0.00041	92.63	-105.36	0.00041

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00040	89.80	-108.19	0.00040
88.39	-109.60	0.00040	86.97	-111.02	0.00040
84.85	-113.14	0.00040	81.32	-116.67	0.00039
77.78	-120.21	0.00039	70.71	-127.28	0.00038
63.64	-134.35	0.00036	56.57	-141.42	0.00035
49.50	-148.49	0.00033	42.43	-155.56	0.00031
35.36	-162.63	0.00029	28.28	-169.71	0.00027

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

15:39:36

**MODELOPTs:

PAGE 118

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00031	169.71	-42.43	0.00032
162.63	-49.50	0.00034	155.56	-56.57	0.00035
148.49	-63.64	0.00037	141.42	-70.71	0.00038
134.35	-77.78	0.00038	127.28	-84.85	0.00039
123.74	-88.39	0.00039	120.21	-91.92	0.00039
118.09	-94.05	0.00039	116.67	-95.46	0.00039
115.26	-96.87	0.00039	113.84	-98.29	0.00039
112.43	-99.70	0.00039	99.70	-112.43	0.00038
98.29	-113.84	0.00038	96.87	-115.26	0.00038
95.46	-116.67	0.00038	94.05	-118.09	0.00038
91.92	-120.21	0.00038	88.39	-123.74	0.00037
84.85	-127.28	0.00037	77.78	-134.35	0.00036
70.71	-141.42	0.00034	63.64	-148.49	0.00033
56.57	-155.56	0.00032	49.50	-162.63	0.00030
42.43	-169.71	0.00028	35.36	-176.78	0.00026
183.85	-42.43	0.00030	176.78	-49.50	0.00031
169.71	-56.57	0.00032	162.63	-63.64	0.00034
155.56	-70.71	0.00035	148.49	-77.78	0.00036
141.42	-84.85	0.00036	134.35	-91.92	0.00037
130.81	-95.46	0.00037	127.28	-98.99	0.00037
125.16	-101.12	0.00037	123.74	-102.53	0.00037
122.33	-103.94	0.00037	120.92	-105.36	0.00037
119.50	-106.77	0.00037	106.77	-119.50	0.00036
105.36	-120.92	0.00036	103.94	-122.33	0.00036
102.53	-123.74	0.00036	101.12	-125.16	0.00036
98.99	-127.28	0.00036	95.46	-130.81	0.00035
91.92	-134.35	0.00035	84.85	-141.42	0.00034

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00033	70.71	-155.56	0.00032
63.64	-162.63	0.00030	56.57	-169.71	0.00029
49.50	-176.78	0.00027	42.43	-183.85	0.00025
190.92	-49.50	0.00028	183.85	-56.57	0.00030
176.78	-63.64	0.00031	169.71	-70.71	0.00032
162.63	-77.78	0.00033	155.56	-84.85	0.00034
148.49	-91.92	0.00035	141.42	-98.99	0.00035
137.89	-102.53	0.00035	134.35	-106.07	0.00035
132.23	-108.19	0.00035	130.81	-109.60	0.00035
129.40	-111.02	0.00035	127.99	-112.43	0.00035
126.57	-113.84	0.00035	113.84	-126.57	0.00034
112.43	-127.99	0.00034	111.02	-129.40	0.00034
109.60	-130.81	0.00034	108.19	-132.23	0.00034

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

15:39:36 *** Maximum train overlap at SE/NW Bound Direction ***
 **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
106.07	-134.35	0.00034	102.53	-137.89	0.00033
98.99	-141.42	0.00033	91.92	-148.49	0.00032
84.85	-155.56	0.00031	77.78	-162.63	0.00030
70.71	-169.71	0.00029	63.64	-176.78	0.00028
56.57	-183.85	0.00026	49.50	-190.92	0.00025
197.99	-56.57	0.00027	190.92	-63.64	0.00029
183.85	-70.71	0.00030	176.78	-77.78	0.00031
169.71	-84.85	0.00032	162.63	-91.92	0.00032
155.56	-98.99	0.00033	148.49	-106.07	0.00033
144.96	-109.60	0.00033	141.42	-113.14	0.00033
139.30	-115.26	0.00033	137.89	-116.67	0.00033
136.47	-118.09	0.00033	135.06	-119.50	0.00033
133.64	-120.92	0.00033	120.92	-133.64	0.00033
119.50	-135.06	0.00033	118.09	-136.47	0.00032
116.67	-137.89	0.00032	115.26	-139.30	0.00032
113.14	-141.42	0.00032	109.60	-144.96	0.00032
106.07	-148.49	0.00031	98.99	-155.56	0.00031
91.92	-162.63	0.00030	84.85	-169.71	0.00029
77.78	-176.78	0.00028	70.71	-183.85	0.00026
63.64	-190.92	0.00025	56.57	-197.99	0.00024
205.06	-63.64	0.00026	197.99	-70.71	0.00027

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00028	183.85	-84.85	0.00029
176.78	-91.92	0.00030	169.71	-98.99	0.00031
162.63	-106.07	0.00031	155.56	-113.14	0.00032
152.03	-116.67	0.00032	148.49	-120.21	0.00032
146.37	-122.33	0.00032	144.96	-123.74	0.00032
143.54	-125.16	0.00032	142.13	-126.57	0.00032
140.71	-127.99	0.00032	127.99	-140.71	0.00031
126.57	-142.13	0.00031	125.16	-143.54	0.00031
123.74	-144.96	0.00031	122.33	-146.37	0.00031
120.21	-148.49	0.00030	116.67	-152.03	0.00030
113.14	-155.56	0.00030	106.07	-162.63	0.00029
98.99	-169.71	0.00028	91.92	-176.78	0.00028
84.85	-183.85	0.00027	77.78	-190.92	0.00025
70.71	-197.99	0.00024	63.64	-205.06	0.00023
212.13	-70.71	0.00025	205.06	-77.78	0.00026
197.99	-84.85	0.00027	190.92	-91.92	0.00028
183.85	-98.99	0.00029	176.78	-106.07	0.00029
169.71	-113.14	0.00030	162.63	-120.21	0.00030
159.10	-123.74	0.00030	155.56	-127.28	0.00030

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **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
153.44	-129.40	0.00030	152.03	-130.81	0.00030
150.61	-132.23	0.00030	149.20	-133.64	0.00030
147.79	-135.06	0.00030	135.06	-147.79	0.00030
133.64	-149.20	0.00029	132.23	-150.61	0.00029
130.81	-152.03	0.00029	129.40	-153.44	0.00029
127.28	-155.56	0.00029	123.74	-159.10	0.00029
120.21	-162.63	0.00029	113.14	-169.71	0.00028
106.07	-176.78	0.00027	98.99	-183.85	0.00026
91.92	-190.92	0.00025	84.85	-197.99	0.00024
77.78	-205.06	0.00023	70.71	-212.13	0.00022
219.20	-77.78	0.00024	212.13	-84.85	0.00025
205.06	-91.92	0.00026	197.99	-98.99	0.00027
190.92	-106.07	0.00028	183.85	-113.14	0.00028
176.78	-120.21	0.00028	169.71	-127.28	0.00029
166.17	-130.81	0.00029	162.63	-134.35	0.00029

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:39:36
 **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
233.35	-91.92	0.00023	226.27	-98.99	0.00023
219.20	-106.07	0.00024	212.13	-113.14	0.00025
205.06	-120.21	0.00025	197.99	-127.28	0.00026
190.92	-134.35	0.00026	183.85	-141.42	0.00026
180.31	-144.96	0.00026	176.78	-148.49	0.00026
174.66	-150.61	0.00026	173.24	-152.03	0.00026
171.83	-153.44	0.00026	170.41	-154.86	0.00026
169.00	-156.27	0.00026	156.27	-169.00	0.00026
154.86	-170.41	0.00026	153.44	-171.83	0.00026

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
162.63	-190.92	0.00023	159.10	-194.45	0.00023
155.56	-197.99	0.00023	148.49	-205.06	0.00022
141.42	-212.13	0.00022	134.35	-219.20	0.00022

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00021	120.21	-233.35	0.00020
113.14	-240.42	0.00020	106.07	-247.49	0.00019

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

15:39:36
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00037	-113.14	240.42	0.00042
-120.21	233.35	0.00048	-127.28	226.27	0.00056
-134.35	219.20	0.00065	-141.42	212.13	0.00077
-148.49	205.06	0.00092	-155.56	197.99	0.00114
-159.10	194.45	0.00129	-162.63	190.92	0.00146
-164.76	188.80	0.00158	-166.17	187.38	0.00166
-167.58	185.97	0.00174	-169.00	184.55	0.00183
-170.41	183.14	0.00191	-183.14	170.41	0.00213
-184.55	169.00	0.00211	-185.97	167.58	0.00209
-187.38	166.17	0.00206	-188.80	164.76	0.00203
-190.92	162.63	0.00197	-194.45	159.10	0.00186
-197.99	155.56	0.00174	-205.06	148.49	0.00152
-212.13	141.42	0.00135	-219.20	134.35	0.00120
-226.27	127.28	0.00108	-233.35	120.21	0.00098
-240.42	113.14	0.00089	-247.49	106.07	0.00081
-98.99	240.42	0.00039	-106.07	233.35	0.00044
-113.14	226.27	0.00051	-120.21	219.20	0.00058
-127.28	212.13	0.00068	-134.35	205.06	0.00081
-141.42	197.99	0.00098	-148.49	190.92	0.00122
-152.03	187.38	0.00138	-155.56	183.85	0.00159
-157.68	181.73	0.00174	-159.10	180.31	0.00185
-160.51	178.90	0.00197	-161.93	177.48	0.00209
-163.34	176.07	0.00223	-176.07	163.34	0.00257
-177.48	161.93	0.00252	-178.90	160.51	0.00245
-180.31	159.10	0.00238	-181.73	157.68	0.00231
-183.85	155.56	0.00221	-187.38	152.03	0.00204
-190.92	148.49	0.00189	-197.99	141.42	0.00165
-205.06	134.35	0.00145	-212.13	127.28	0.00129
-219.20	120.21	0.00115	-226.27	113.14	0.00103
-233.35	106.07	0.00094	-240.42	98.99	0.00085
-91.92	233.35	0.00040	-98.99	226.27	0.00046
-106.07	219.20	0.00053	-113.14	212.13	0.00061

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00072	-127.28	197.99	0.00086
-134.35	190.92	0.00105	-141.42	183.85	0.00132
-144.96	180.31	0.00150	-148.49	176.78	0.00173
-150.61	174.66	0.00189	-152.03	173.24	0.00202
-153.44	171.83	0.00217	-154.86	170.41	0.00233
-156.27	169.00	0.00252	-169.00	156.27	0.00301
-170.41	154.86	0.00287	-171.83	153.44	0.00275
-173.24	152.03	0.00264	-174.66	150.61	0.00255

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

15:39:36
 **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
-176.78	148.49	0.00241	-180.31	144.96	0.00222
-183.85	141.42	0.00205	-190.92	134.35	0.00178
-197.99	127.28	0.00155	-205.06	120.21	0.00137
-212.13	113.14	0.00122	-219.20	106.07	0.00109
-226.27	99.00	0.00098	-233.35	91.92	0.00089
-84.85	226.27	0.00042	-91.92	219.20	0.00048
-98.99	212.13	0.00055	-106.07	205.06	0.00064
-113.14	197.99	0.00076	-120.21	190.92	0.00092
-127.28	183.85	0.00113	-134.35	176.78	0.00144
-137.89	173.24	0.00165	-141.42	169.71	0.00192
-143.54	167.58	0.00212	-144.96	166.17	0.00228
-146.37	164.76	0.00246	-147.79	163.34	0.00270
-149.20	161.93	0.00299	-161.93	149.20	0.00342
-163.34	147.79	0.00320	-164.76	146.37	0.00304
-166.17	144.96	0.00290	-167.58	143.54	0.00278
-169.71	141.42	0.00262	-173.24	137.89	0.00239
-176.78	134.35	0.00220	-183.85	127.28	0.00190
-190.92	120.21	0.00165	-197.99	113.14	0.00145
-205.06	106.07	0.00128	-212.13	99.00	0.00114
-219.20	91.92	0.00103	-226.27	84.85	0.00093
-77.78	219.20	0.00044	-84.85	212.13	0.00050
-91.92	205.06	0.00058	-98.99	197.99	0.00068
-106.07	190.92	0.00081	-113.14	183.85	0.00099
-120.21	176.78	0.00125	-127.28	169.71	0.00165
-130.81	166.17	0.00195	-134.35	162.63	0.00238
-136.47	160.51	0.00274	-137.89	159.10	0.00305

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00343	-140.71	156.27	0.00392
-142.13	154.86	0.00458	-154.86	142.13	0.00421
-156.27	140.71	0.00380	-157.68	139.30	0.00351
-159.10	137.89	0.00328	-160.51	136.47	0.00310
-162.63	134.35	0.00288	-166.17	130.81	0.00260
-169.71	127.28	0.00238	-176.78	120.21	0.00203
-183.85	113.14	0.00175	-190.92	106.07	0.00153
-197.99	99.00	0.00134	-205.06	91.92	0.00119
-212.13	84.85	0.00107	-219.20	77.78	0.00096
-70.71	212.13	0.00046	-77.78	205.06	0.00053
-84.85	197.99	0.00062	-91.92	190.92	0.00073
-98.99	183.85	0.00089	-106.07	176.78	0.00111
-113.14	169.71	0.00144	-120.21	162.63	0.00201
-123.74	159.10	0.00248	-127.28	155.56	0.00316

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
-129.40	153.44	0.00373	-130.81	152.03	0.00420
-132.23	150.61	0.00477	-133.64	149.20	0.00546
-135.06	147.79	0.00633	-147.79	135.06	0.00524
-149.20	133.64	0.00465	-150.61	132.23	0.00422
-152.03	130.81	0.00389	-153.44	129.40	0.00362
-155.56	127.28	0.00330	-159.10	123.74	0.00289
-162.63	120.21	0.00260	-169.71	113.14	0.00218
-176.78	106.07	0.00186	-183.85	98.99	0.00162
-190.92	91.92	0.00141	-197.99	84.85	0.00125
-205.06	77.78	0.00111	-212.13	70.71	0.00100
-63.64	205.06	0.00048	-70.71	197.99	0.00056
-77.78	190.92	0.00067	-84.85	183.85	0.00080
-91.92	176.78	0.00099	-98.99	169.71	0.00127
-106.07	162.63	0.00171	-113.14	155.56	0.00249
-116.67	152.03	0.00312	-120.21	148.49	0.00402
-122.33	146.37	0.00475	-123.74	144.96	0.00534
-125.16	143.54	0.00603	-126.57	142.13	0.00683
-127.99	140.71	0.00779	-140.71	127.99	0.00627
-142.13	126.57	0.00555	-143.54	125.16	0.00500
-144.96	123.74	0.00457	-146.37	122.33	0.00422

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00380	-152.03	116.67	0.00328
-155.56	113.14	0.00289	-162.63	106.07	0.00235
-169.71	98.99	0.00198	-176.78	91.92	0.00171
-183.85	84.85	0.00149	-190.92	77.78	0.00131
-197.99	70.71	0.00116	-205.06	63.64	0.00104
-56.57	197.99	0.00052	-63.64	190.92	0.00061
-70.71	183.85	0.00073	-77.78	176.78	0.00089
-84.85	169.71	0.00112	-91.92	162.63	0.00146
-98.99	155.56	0.00202	-106.07	148.49	0.00301
-109.60	144.96	0.00378	-113.14	141.42	0.00485
-115.26	139.30	0.00568	-116.67	137.89	0.00633
-118.09	136.47	0.00709	-119.50	135.06	0.00795
-120.92	133.64	0.00896	-133.64	120.92	0.00719
-135.06	119.50	0.00639	-136.47	118.09	0.00576
-137.89	116.67	0.00525	-139.30	115.26	0.00483
-141.42	113.14	0.00432	-144.96	109.60	0.00369
-148.49	106.07	0.00323	-155.56	98.99	0.00257
-162.63	91.92	0.00212	-169.71	84.85	0.00180
-176.78	77.78	0.00156	-183.85	70.71	0.00137
-190.92	63.64	0.00121	-197.99	56.57	0.00108

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

15:39:36
 **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
-49.50	190.92	0.00056	-56.57	183.85	0.00066
-63.64	176.78	0.00080	-70.71	169.71	0.00099
-77.78	162.63	0.00126	-84.85	155.56	0.00168
-91.92	148.49	0.00236	-98.99	141.42	0.00351
-102.53	137.89	0.00439	-106.07	134.35	0.00557
-108.19	132.23	0.00647	-109.60	130.81	0.00717
-111.02	129.40	0.00796	-112.43	127.99	0.00885
-113.84	126.57	0.00989	-126.57	113.84	0.00797
-127.99	112.43	0.00712	-129.40	111.02	0.00644
-130.81	109.60	0.00588	-132.23	108.19	0.00541
-134.35	106.07	0.00482	-137.89	102.53	0.00410
-141.42	98.99	0.00356	-148.49	91.92	0.00280
-155.56	84.85	0.00229	-162.63	77.78	0.00191
-169.71	70.71	0.00164	-176.78	63.64	0.00143

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00126	-190.92	49.50	0.00112
-42.43	183.85	0.00060	-49.50	176.78	0.00072
-56.57	169.71	0.00088	-63.64	162.63	0.00110
-70.71	155.56	0.00143	-77.78	148.49	0.00192
-84.85	141.42	0.00269	-91.92	134.35	0.00397
-95.46	130.81	0.00493	-98.99	127.28	0.00619
-101.12	125.16	0.00714	-102.53	123.74	0.00786
-103.94	122.33	0.00867	-105.36	120.92	0.00959
-106.77	119.50	0.01064	-119.50	106.77	0.00863
-120.92	105.36	0.00773	-122.33	103.94	0.00703
-123.74	102.53	0.00643	-125.16	101.12	0.00592
-127.28	98.99	0.00529	-130.81	95.46	0.00448
-134.35	91.92	0.00388	-141.42	84.85	0.00303
-148.49	77.78	0.00246	-155.56	70.71	0.00204
-162.63	63.64	0.00173	-169.71	56.57	0.00149
-176.78	49.50	0.00131	-183.85	42.43	0.00116
-35.36	176.78	0.00065	-42.43	169.71	0.00079
-49.50	162.63	0.00097	-56.57	155.56	0.00123
-63.64	148.49	0.00160	-70.71	141.42	0.00215
-77.78	134.35	0.00300	-84.85	127.28	0.00439
-88.39	123.74	0.00540	-91.92	120.21	0.00672
-94.05	118.09	0.00769	-95.46	116.67	0.00843
-96.87	115.26	0.00926	-98.29	113.84	0.01019
-99.70	112.43	0.01125	-112.43	99.70	0.00918
-113.84	98.29	0.00826	-115.26	96.87	0.00752
-116.67	95.46	0.00691	-118.09	94.05	0.00638

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

15:39:36
 **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
-120.21	91.92	0.00571	-123.74	88.39	0.00484
-127.28	84.85	0.00418	-134.35	77.78	0.00325
-141.42	70.71	0.00263	-148.49	63.64	0.00217
-155.56	56.57	0.00182	-162.63	49.50	0.00156
-169.71	42.43	0.00136	-176.78	35.36	0.00120
-28.28	169.71	0.00071	-35.36	162.63	0.00086
-42.43	155.56	0.00107	-49.50	148.49	0.00135
-56.57	141.42	0.00176	-63.64	134.35	0.00237

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00330	-77.78	120.21	0.00476
-81.32	116.67	0.00582	-84.85	113.14	0.00716
-86.97	111.02	0.00815	-88.39	109.60	0.00891
-89.80	108.19	0.00974	-91.22	106.77	0.01069
-92.63	105.36	0.01176	-105.36	92.63	0.00964
-106.77	91.22	0.00871	-108.19	89.80	0.00795
-109.60	88.39	0.00732	-111.02	86.97	0.00677
-113.14	84.85	0.00608	-116.67	81.32	0.00516
-120.21	77.78	0.00446	-127.28	70.71	0.00346
-134.35	63.64	0.00278	-141.42	56.57	0.00230
-148.49	49.50	0.00192	-155.56	42.43	0.00164
-162.63	35.36	0.00142	-169.71	28.28	0.00124
-21.21	162.63	0.00077	-28.28	155.56	0.00094
-35.36	148.49	0.00117	-42.43	141.42	0.00148
-49.50	134.35	0.00193	-56.57	127.28	0.00258
-63.64	120.21	0.00357	-70.71	113.14	0.00509
-74.25	109.60	0.00617	-77.78	106.07	0.00754
-79.90	103.94	0.00855	-81.32	102.53	0.00931
-82.73	101.12	0.01015	-84.15	99.70	0.01110
-85.56	98.29	0.01218	-98.29	85.56	0.01002
-99.70	84.15	0.00909	-101.12	82.73	0.00831
-102.53	81.32	0.00767	-103.94	79.90	0.00711
-106.07	77.78	0.00640	-109.60	74.25	0.00545
-113.14	70.71	0.00471	-120.21	63.64	0.00365
-127.28	56.57	0.00294	-134.35	49.50	0.00242
-141.42	42.43	0.00202	-148.49	35.36	0.00172
-155.56	28.28	0.00148	-162.63	21.21	0.00129
-14.14	155.56	0.00083	-21.21	148.49	0.00102
-28.28	141.42	0.00126	-35.36	134.35	0.00161
-42.43	127.28	0.00209	-49.50	120.21	0.00278
-56.57	113.14	0.00381	-63.64	106.07	0.00538
-67.18	102.53	0.00648	-70.71	98.99	0.00787

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

15:39:36
 **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
-72.83	96.87	0.00889	-74.25	95.46	0.00965
-75.66	94.05	0.01050	-77.07	92.63	0.01145

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01252	-91.22	78.49	0.01031
-92.63	77.07	0.00939	-94.05	75.66	0.00863
-95.46	74.25	0.00798	-96.87	72.83	0.00741
-98.99	70.71	0.00668	-102.53	67.18	0.00571
-106.07	63.64	0.00494	-113.14	56.57	0.00384
-120.21	49.50	0.00308	-127.28	42.43	0.00253
-134.35	35.36	0.00212	-141.42	28.28	0.00179
-148.49	21.21	0.00154	-155.56	14.14	0.00134
-7.07	148.49	0.00089	-14.14	141.42	0.00109
-21.21	134.35	0.00136	-28.28	127.28	0.00173
-35.36	120.21	0.00224	-42.43	113.14	0.00297
-49.50	106.07	0.00403	-56.57	98.99	0.00564
-60.10	95.46	0.00675	-63.64	91.92	0.00816
-65.76	89.80	0.00918	-67.18	88.39	0.00995
-68.59	86.97	0.01080	-70.00	85.56	0.01174
-71.42	84.15	0.01281	-84.15	71.42	0.01058
-85.56	70.00	0.00966	-86.97	68.59	0.00890
-88.39	67.18	0.00824	-89.80	65.76	0.00767
-91.92	63.64	0.00693	-95.46	60.10	0.00594
-98.99	56.57	0.00516	-106.07	49.50	0.00401
-113.14	42.43	0.00321	-120.21	35.36	0.00264
-127.28	28.28	0.00220	-134.35	21.21	0.00187
-141.42	14.14	0.00160	-148.49	7.07	0.00139
0.00	141.42	0.00096	-7.07	134.35	0.00117
-14.14	127.28	0.00146	-21.21	120.21	0.00185
-28.28	113.14	0.00238	-35.36	106.07	0.00313
-42.43	98.99	0.00423	-49.50	91.92	0.00586
-53.03	88.39	0.00699	-56.57	84.85	0.00840
-58.69	82.73	0.00943	-60.10	81.32	0.01019
-61.52	79.90	0.01105	-62.93	78.49	0.01199
-64.35	77.07	0.01306	-77.07	64.35	0.01083
-78.49	62.93	0.00989	-79.90	61.52	0.00913
-81.32	60.10	0.00846	-82.73	58.69	0.00789
-84.85	56.57	0.00715	-88.39	53.03	0.00614
-91.92	49.50	0.00534	-98.99	42.43	0.00416
-106.07	35.36	0.00334	-113.14	28.28	0.00274
-120.21	21.21	0.00229	-127.28	14.14	0.00194
-134.35	7.07	0.00166	-141.42	0.00	0.00144

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00102	0.00	127.28	0.00125
-7.07	120.21	0.00155	-14.14	113.14	0.00196
-21.21	106.07	0.00251	-28.28	98.99	0.00329
-35.36	91.92	0.00440	-42.43	84.85	0.00606
-45.96	81.32	0.00719	-49.50	77.78	0.00861
-51.62	75.66	0.00964	-53.03	74.25	0.01041
-54.45	72.83	0.01126	-55.86	71.42	0.01221
-57.28	70.00	0.01328	-70.00	57.28	0.01103
-71.42	55.86	0.01010	-72.83	54.45	0.00933
-74.25	53.03	0.00866	-75.66	51.62	0.00808
-77.78	49.50	0.00734	-81.32	45.96	0.00632
-84.85	42.43	0.00551	-91.92	35.36	0.00431
-98.99	28.28	0.00346	-106.07	21.21	0.00283
-113.14	14.14	0.00237	-120.21	7.07	0.00200
-127.28	0.00	0.00172	-134.35	-7.07	0.00149
14.14	127.28	0.00109	7.07	120.21	0.00132
0.00	113.14	0.00164	-7.07	106.07	0.00206
-14.14	98.99	0.00264	-21.21	91.92	0.00343
-28.28	84.85	0.00456	-35.36	77.78	0.00624
-38.89	74.25	0.00737	-42.43	70.71	0.00880
-44.55	68.59	0.00983	-45.96	67.18	0.01060
-47.38	65.76	0.01146	-48.79	64.35	0.01240
-50.20	62.93	0.01347	-62.93	50.20	0.01122
-64.35	48.79	0.01028	-65.76	47.38	0.00951
-67.18	45.96	0.00884	-68.59	44.55	0.00826
-70.71	42.43	0.00750	-74.25	38.89	0.00648
-77.78	35.36	0.00566	-84.85	28.28	0.00444
-91.92	21.21	0.00356	-98.99	14.14	0.00292
-106.07	7.07	0.00244	-113.14	0.00	0.00207
-120.21	-7.07	0.00177	-127.28	-14.14	0.00153
21.21	120.21	0.00115	14.14	113.14	0.00140
7.07	106.07	0.00173	0.00	98.99	0.00216
-7.07	91.92	0.00275	-14.14	84.85	0.00356
-21.21	77.78	0.00471	-28.28	70.71	0.00639
-31.82	67.18	0.00753	-35.36	63.64	0.00897
-37.48	61.52	0.01000	-38.89	60.10	0.01077
-40.31	58.69	0.01162	-41.72	57.28	0.01257
-43.13	55.86	0.01364	-55.86	43.13	0.01139
-57.28	41.72	0.01044	-58.69	40.31	0.00966
-60.10	38.89	0.00899	-61.52	37.48	0.00841

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

PAGE 130

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
-63.64	35.36	0.00765	-67.18	31.82	0.00662
-70.71	28.28	0.00580	-77.78	21.21	0.00455
-84.85	14.14	0.00367	-91.92	7.07	0.00301
-98.99	0.00	0.00251	-106.07	-7.07	0.00213
-113.14	-14.14	0.00182	-120.21	-21.21	0.00157
28.28	113.14	0.00121	21.21	106.07	0.00147
14.14	98.99	0.00181	7.07	91.92	0.00225
0.00	84.85	0.00285	-7.07	77.78	0.00368
-14.14	70.71	0.00483	-21.21	63.64	0.00652
-24.75	60.10	0.00768	-28.28	56.57	0.00911
-30.41	54.45	0.01015	-31.82	53.03	0.01092
-33.23	51.62	0.01177	-34.65	50.20	0.01272
-36.06	48.79	0.01380	-48.79	36.06	0.01154
-50.20	34.65	0.01059	-51.62	33.23	0.00980
-53.03	31.82	0.00913	-54.45	30.41	0.00855
-56.57	28.28	0.00778	-60.10	24.75	0.00675
-63.64	21.21	0.00592	-70.71	14.14	0.00466
-77.78	7.07	0.00376	-84.85	0.00	0.00309
-91.92	-7.07	0.00258	-98.99	-14.14	0.00218
-106.07	-21.21	0.00187	-113.14	-28.28	0.00161
35.36	106.07	0.00126	28.28	98.99	0.00153
21.21	91.92	0.00188	14.14	84.85	0.00234
7.07	77.78	0.00295	0.00	70.71	0.00378
-7.07	63.64	0.00495	-14.14	56.57	0.00665
-17.68	53.03	0.00781	-21.21	49.50	0.00924
-23.33	47.38	0.01027	-24.75	45.96	0.01105
-26.16	44.55	0.01190	-27.58	43.13	0.01286
-28.99	41.72	0.01393	-41.72	28.99	0.01168
-43.13	27.58	0.01071	-44.55	26.16	0.00992
-45.96	24.75	0.00925	-47.38	23.33	0.00866
-49.50	21.21	0.00790	-53.03	17.68	0.00686
-56.57	14.14	0.00602	-63.64	7.07	0.00476
-70.71	0.00	0.00384	-77.78	-7.07	0.00316
-84.85	-14.14	0.00264	-91.92	-21.21	0.00223

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00191	-106.07	-35.36	0.00165
42.43	98.99	0.00132	35.36	91.92	0.00160
28.28	84.85	0.00195	21.21	77.78	0.00242
14.14	70.71	0.00304	7.07	63.64	0.00388
0.00	56.57	0.00506	-7.07	49.50	0.00676
-10.61	45.96	0.00792	-14.14	42.43	0.00935

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

15:39:36
 **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
-16.26	40.31	0.01039	-17.68	38.89	0.01116
-19.09	37.48	0.01201	-20.51	36.06	0.01298
-21.92	34.65	0.01406	-34.65	21.92	0.01179
-36.06	20.51	0.01084	-37.48	19.09	0.01003
-38.89	17.68	0.00936	-40.31	16.26	0.00877
-42.43	14.14	0.00801	-45.96	10.61	0.00696
-49.50	7.07	0.00612	-56.57	0.00	0.00485
-63.64	-7.07	0.00392	-70.71	-14.14	0.00323
-77.78	-21.21	0.00270	-84.85	-28.28	0.00228
-91.92	-35.36	0.00195	-98.99	-42.43	0.00169
49.50	91.92	0.00137	42.43	84.85	0.00166
35.36	77.78	0.00202	28.28	70.71	0.00249
21.21	63.64	0.00312	14.14	56.57	0.00397
7.07	49.50	0.00515	0.00	42.43	0.00686
-3.54	38.89	0.00802	-7.07	35.36	0.00946
-9.19	33.23	0.01049	-10.61	31.82	0.01127
-12.02	30.41	0.01212	-13.44	28.99	0.01308
-14.85	27.58	0.01415	-27.58	14.85	0.01186
-28.99	13.44	0.01092	-30.41	12.02	0.01014
-31.82	10.61	0.00946	-33.23	9.19	0.00887
-35.36	7.07	0.00810	-38.89	3.54	0.00706
-42.43	0.00	0.00621	-49.50	-7.07	0.00493
-56.57	-14.14	0.00399	-63.64	-21.21	0.00329
-70.71	-28.28	0.00275	-77.78	-35.36	0.00233
-84.85	-42.43	0.00199	-91.92	-49.50	0.00172
56.57	84.85	0.00142	49.50	77.78	0.00171
42.43	70.71	0.00208	35.36	63.64	0.00256
28.28	56.57	0.00319	21.21	49.50	0.00405

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00524	7.07	35.36	0.00695
3.54	31.82	0.00811	0.00	28.28	0.00955
-2.12	26.16	0.01059	-3.54	24.75	0.01137
-4.95	23.33	0.01222	-6.36	21.92	0.01316
-7.78	20.51	0.01424	-20.51	7.78	0.01194
-21.92	6.36	0.01100	-23.33	4.95	0.01022
-24.75	3.54	0.00955	-26.16	2.12	0.00895
-28.28	0.00	0.00819	-31.82	-3.54	0.00714
-35.36	-7.07	0.00629	-42.43	-14.14	0.00500
-49.50	-21.21	0.00406	-56.57	-28.28	0.00335
-63.64	-35.36	0.00280	-70.71	-42.43	0.00237
-77.78	-49.50	0.00203	-84.85	-56.57	0.00175

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00147	56.57	70.71	0.00177
49.50	63.64	0.00214	42.43	56.57	0.00263
35.36	49.50	0.00326	28.28	42.43	0.00412
21.21	35.36	0.00531	14.14	28.28	0.00704
10.61	24.75	0.00819	7.07	21.21	0.00964
4.95	19.09	0.01067	3.54	17.68	0.01144
2.12	16.26	0.01230	0.71	14.85	0.01324
-0.71	13.44	0.01431	-13.44	0.71	0.01202
-14.85	-0.71	0.01108	-16.26	-2.12	0.01029
-17.68	-3.54	0.00962	-19.09	-4.95	0.00903
-21.21	-7.07	0.00826	-24.75	-10.61	0.00721
-28.28	-14.14	0.00636	-35.36	-21.21	0.00507
-42.43	-28.28	0.00412	-49.50	-35.36	0.00340
-56.57	-42.43	0.00285	-63.64	-49.50	0.00241
-70.71	-56.57	0.00206	-77.78	-63.64	0.00178
70.71	70.71	0.00152	63.64	63.64	0.00182
56.57	56.57	0.00220	49.50	49.50	0.00268
42.43	42.43	0.00332	35.36	35.36	0.00419
28.28	28.28	0.00538	21.21	21.21	0.00711
17.68	17.68	0.00827	14.14	14.14	0.00971
12.02	12.02	0.01074	10.61	10.61	0.01151
9.19	9.19	0.01237	7.78	7.78	0.01332

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01439	-6.36	-6.36	0.01209
-7.78	-7.78	0.01114	-9.19	-9.19	0.01036
-10.61	-10.61	0.00968	-12.02	-12.02	0.00909
-14.14	-14.14	0.00833	-17.68	-17.68	0.00727
-21.21	-21.21	0.00642	-28.28	-28.28	0.00512
-35.36	-35.36	0.00417	-42.43	-42.43	0.00345
-49.50	-49.50	0.00289	-56.57	-56.57	0.00244
-63.64	-63.64	0.00209	-70.71	-70.71	0.00180
77.78	63.64	0.00156	70.71	56.57	0.00186
63.64	49.50	0.00225	56.57	42.43	0.00274
49.50	35.36	0.00338	42.43	28.28	0.00425
35.36	21.21	0.00545	28.28	14.14	0.00717
24.75	10.61	0.00833	21.21	7.07	0.00977
19.09	4.95	0.01080	17.68	3.54	0.01158
16.26	2.12	0.01244	14.85	0.71	0.01338
13.44	-0.71	0.01445	0.71	-13.44	0.01216
-0.71	-14.85	0.01120	-2.12	-16.26	0.01042
-3.54	-17.68	0.00974	-4.95	-19.09	0.00915

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36
 **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
-7.07	-21.21	0.00838	-10.61	-24.75	0.00733
-14.14	-28.28	0.00648	-21.21	-35.36	0.00517
-28.28	-42.43	0.00422	-35.36	-49.50	0.00349
-42.43	-56.57	0.00292	-49.50	-63.64	0.00248
-56.57	-70.71	0.00212	-63.64	-77.78	0.00183
84.85	56.57	0.00160	77.78	49.50	0.00191
70.71	42.43	0.00229	63.64	35.36	0.00279
56.57	28.28	0.00343	49.50	21.21	0.00430
42.43	14.14	0.00550	35.36	7.07	0.00723
31.82	3.54	0.00838	28.28	0.00	0.00983
26.16	-2.12	0.01086	24.75	-3.54	0.01164
23.33	-4.95	0.01249	21.92	-6.36	0.01343
20.51	-7.78	0.01451	7.78	-20.51	0.01222
6.36	-21.92	0.01126	4.95	-23.33	0.01047
3.54	-24.75	0.00980	2.12	-26.16	0.00921
0.00	-28.28	0.00843	-3.54	-31.82	0.00738

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00653	-14.14	-42.43	0.00522
-21.21	-49.50	0.00426	-28.28	-56.57	0.00353
-35.36	-63.64	0.00296	-42.43	-70.71	0.00250
-49.50	-77.78	0.00214	-56.57	-84.85	0.00185
91.92	49.50	0.00164	84.85	42.43	0.00195
77.78	35.36	0.00234	70.71	28.28	0.00283
63.64	21.21	0.00348	56.57	14.14	0.00435
49.50	7.07	0.00555	42.43	0.00	0.00727
38.89	-3.54	0.00843	35.36	-7.07	0.00988
33.23	-9.19	0.01091	31.82	-10.61	0.01169
30.41	-12.02	0.01254	28.99	-13.44	0.01349
27.58	-14.85	0.01456	14.85	-27.58	0.01228
13.44	-28.99	0.01131	12.02	-30.41	0.01052
10.61	-31.82	0.00984	9.19	-33.23	0.00925
7.07	-35.36	0.00848	3.54	-38.89	0.00742
0.00	-42.43	0.00657	-7.07	-49.50	0.00526
-14.14	-56.57	0.00429	-21.21	-63.64	0.00356
-28.28	-70.71	0.00298	-35.36	-77.78	0.00253
-42.43	-84.85	0.00216	-49.50	-91.92	0.00187
98.99	42.43	0.00168	91.92	35.36	0.00199
84.85	28.28	0.00238	77.78	21.21	0.00287
70.71	14.14	0.00352	63.64	7.07	0.00439
56.57	0.00	0.00559	49.50	-7.07	0.00731
45.96	-10.61	0.00848	42.43	-14.14	0.00992

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

15:39:36
 **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
40.31	-16.26	0.01095	38.89	-17.68	0.01173
37.48	-19.09	0.01258	36.06	-20.51	0.01354
34.65	-21.92	0.01461	21.92	-34.65	0.01233
20.51	-36.06	0.01136	19.09	-37.48	0.01055
17.68	-38.89	0.00988	16.26	-40.31	0.00929
14.14	-42.43	0.00851	10.61	-45.96	0.00745
7.07	-49.50	0.00660	0.00	-56.57	0.00529
-7.07	-63.64	0.00432	-14.14	-70.71	0.00359
-21.21	-77.78	0.00301	-28.28	-84.85	0.00255
-35.36	-91.92	0.00218	-42.43	-98.99	0.00188

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00171	98.99	28.28	0.00202
91.92	21.21	0.00241	84.85	14.14	0.00291
77.78	7.07	0.00356	70.71	0.00	0.00443
63.64	-7.07	0.00563	56.57	-14.14	0.00735
53.03	-17.68	0.00851	49.50	-21.21	0.00995
47.38	-23.33	0.01099	45.96	-24.75	0.01176
44.55	-26.16	0.01261	43.13	-27.58	0.01358
41.72	-28.99	0.01465	28.99	-41.72	0.01236
27.58	-43.13	0.01140	26.16	-44.55	0.01059
24.75	-45.96	0.00991	23.33	-47.38	0.00932
21.21	-49.50	0.00854	17.68	-53.03	0.00749
14.14	-56.57	0.00663	7.07	-63.64	0.00532
0.00	-70.71	0.00435	-7.07	-77.78	0.00361
-14.14	-84.85	0.00303	-21.21	-91.92	0.00257
-28.28	-98.99	0.00220	-35.36	-106.07	0.00189
113.14	28.28	0.00174	106.07	21.21	0.00205
98.99	14.14	0.00245	91.92	7.07	0.00295
84.85	0.00	0.00360	77.78	-7.07	0.00447
70.71	-14.14	0.00566	63.64	-21.21	0.00738
60.10	-24.75	0.00855	56.57	-28.28	0.00998
54.45	-30.41	0.01102	53.03	-31.82	0.01180
51.62	-33.23	0.01265	50.20	-34.65	0.01360
48.79	-36.06	0.01467	36.06	-48.79	0.01235
34.65	-50.20	0.01141	33.23	-51.62	0.01062
31.82	-53.03	0.00994	30.41	-54.45	0.00935
28.28	-56.57	0.00857	24.75	-60.10	0.00751
21.21	-63.64	0.00665	14.14	-70.71	0.00534
7.07	-77.78	0.00437	0.00	-84.85	0.00362
-7.07	-91.92	0.00304	-14.14	-98.99	0.00258
-21.21	-106.07	0.00221	-28.28	-113.14	0.00190

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

15:39:36
 **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
120.21	21.21	0.00177	113.14	14.14	0.00209
106.07	7.07	0.00248	98.99	0.00	0.00298
91.92	-7.07	0.00363	84.85	-14.14	0.00449
77.78	-21.21	0.00569	70.71	-28.28	0.00741

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00857	63.64	-35.36	0.01001
61.52	-37.48	0.01104	60.10	-38.89	0.01182
58.69	-40.31	0.01267	57.28	-41.72	0.01361
55.86	-43.13	0.01469	43.13	-55.86	0.01236
41.72	-57.28	0.01142	40.31	-58.69	0.01063
38.89	-60.10	0.00996	37.48	-61.52	0.00936
35.36	-63.64	0.00859	31.82	-67.18	0.00752
28.28	-70.71	0.00667	21.21	-77.78	0.00535
14.14	-84.85	0.00438	7.07	-91.92	0.00364
0.00	-98.99	0.00305	-7.07	-106.07	0.00259
-14.14	-113.14	0.00221	-21.21	-120.21	0.00191
127.28	14.14	0.00180	120.21	7.07	0.00211
113.14	0.00	0.00251	106.07	-7.07	0.00300
98.99	-14.14	0.00365	91.92	-21.21	0.00452
84.85	-28.28	0.00571	77.78	-35.36	0.00743
74.25	-38.89	0.00859	70.71	-42.43	0.01002
68.59	-44.55	0.01106	67.18	-45.96	0.01183
65.76	-47.38	0.01268	64.35	-48.79	0.01363
62.93	-50.20	0.01470	50.20	-62.93	0.01237
48.79	-64.35	0.01143	47.38	-65.76	0.01064
45.96	-67.18	0.00996	44.55	-68.59	0.00937
42.43	-70.71	0.00860	38.89	-74.25	0.00753
35.36	-77.78	0.00668	28.28	-84.85	0.00536
21.21	-91.92	0.00439	14.14	-98.99	0.00364
7.07	-106.07	0.00306	0.00	-113.14	0.00259
-7.07	-120.21	0.00222	-14.14	-127.28	0.00192
134.35	7.07	0.00183	127.28	0.00	0.00214
120.21	-7.07	0.00253	113.14	-14.14	0.00303
106.07	-21.21	0.00368	98.99	-28.28	0.00454
91.92	-35.36	0.00573	84.85	-42.43	0.00744
81.32	-45.96	0.00860	77.78	-49.50	0.01003
75.66	-51.62	0.01106	74.25	-53.03	0.01183
72.83	-54.45	0.01269	71.42	-55.86	0.01363
70.00	-57.28	0.01470	57.28	-70.00	0.01238
55.86	-71.42	0.01143	54.45	-72.83	0.01064
53.03	-74.25	0.00996	51.62	-75.66	0.00937

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

15:39:36
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00860	45.96	-81.32	0.00753
42.43	-84.85	0.00668	35.36	-91.92	0.00536
28.28	-98.99	0.00439	21.21	-106.07	0.00364
14.14	-113.14	0.00306	7.07	-120.21	0.00259
0.00	-127.28	0.00222	-7.07	-134.35	0.00192
141.42	0.00	0.00185	134.35	-7.07	0.00216
127.28	-14.14	0.00256	120.21	-21.21	0.00305
113.14	-28.28	0.00369	106.07	-35.36	0.00455
98.99	-42.43	0.00574	91.92	-49.50	0.00745
88.39	-53.03	0.00860	84.85	-56.57	0.01003
82.73	-58.69	0.01106	81.32	-60.10	0.01183
79.90	-61.52	0.01269	78.49	-62.93	0.01363
77.07	-64.35	0.01470	64.35	-77.07	0.01238
62.93	-78.49	0.01142	61.52	-79.90	0.01064
60.10	-81.32	0.00996	58.69	-82.73	0.00936
56.57	-84.85	0.00859	53.03	-88.39	0.00753
49.50	-91.92	0.00667	42.43	-98.99	0.00535
35.36	-106.07	0.00438	28.28	-113.14	0.00363
21.21	-120.21	0.00305	14.14	-127.28	0.00259
7.07	-134.35	0.00222	0.00	-141.42	0.00192
148.49	-7.07	0.00187	141.42	-14.14	0.00219
134.35	-21.21	0.00258	127.28	-28.28	0.00307
120.21	-35.36	0.00371	113.14	-42.43	0.00457
106.07	-49.50	0.00575	98.99	-56.57	0.00745
95.46	-60.10	0.00859	91.92	-63.64	0.01003
89.80	-65.76	0.01106	88.39	-67.18	0.01183
86.97	-68.59	0.01268	85.56	-70.00	0.01362
84.15	-71.42	0.01469	71.42	-84.15	0.01237
70.00	-85.56	0.01140	68.59	-86.97	0.01062
67.18	-88.39	0.00994	65.76	-89.80	0.00934
63.64	-91.92	0.00857	60.10	-95.46	0.00751
56.57	-98.99	0.00665	49.50	-106.07	0.00533
42.43	-113.14	0.00436	35.36	-120.21	0.00362
28.28	-127.28	0.00304	21.21	-134.35	0.00258
14.14	-141.42	0.00222	7.07	-148.49	0.00192
155.56	-14.14	0.00189	148.49	-21.21	0.00221
141.42	-28.28	0.00260	134.35	-35.36	0.00309
127.28	-42.43	0.00372	120.21	-49.50	0.00457
113.14	-56.57	0.00575	106.07	-63.64	0.00744
102.53	-67.18	0.00858	98.99	-70.71	0.01001

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

15:39:36
 **MODELOPTS:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.01104	95.46	-74.25	0.01181
94.05	-75.66	0.01265	92.63	-77.07	0.01360
91.22	-78.49	0.01467	78.49	-91.22	0.01235
77.07	-92.63	0.01138	75.66	-94.05	0.01059
74.25	-95.46	0.00991	72.83	-96.87	0.00932
70.71	-98.99	0.00854	67.18	-102.53	0.00748
63.64	-106.07	0.00662	56.57	-113.14	0.00531
49.50	-120.21	0.00434	42.43	-127.28	0.00360
35.36	-134.35	0.00303	28.28	-141.42	0.00257
21.21	-148.49	0.00221	14.14	-155.56	0.00192
162.63	-21.21	0.00191	155.56	-28.28	0.00223
148.49	-35.36	0.00261	141.42	-42.43	0.00310
134.35	-49.50	0.00374	127.28	-56.57	0.00458
120.21	-63.64	0.00574	113.14	-70.71	0.00742
109.60	-74.25	0.00856	106.07	-77.78	0.00998
103.94	-79.90	0.01101	102.53	-81.32	0.01177
101.12	-82.73	0.01262	99.70	-84.15	0.01357
98.29	-85.56	0.01464	85.56	-98.29	0.01232
84.15	-99.70	0.01135	82.73	-101.12	0.01054
81.32	-102.53	0.00987	79.90	-103.94	0.00927
77.78	-106.07	0.00850	74.25	-109.60	0.00744
70.71	-113.14	0.00658	63.64	-120.21	0.00527
56.57	-127.28	0.00430	49.50	-134.35	0.00357
42.43	-141.42	0.00301	35.36	-148.49	0.00256
28.28	-155.56	0.00220	21.21	-162.63	0.00192
169.71	-28.28	0.00193	162.63	-35.36	0.00224
155.56	-42.43	0.00263	148.49	-49.50	0.00312
141.42	-56.57	0.00374	134.35	-63.64	0.00458
127.28	-70.71	0.00573	120.21	-77.78	0.00740
116.67	-81.32	0.00853	113.14	-84.85	0.00994
111.02	-86.97	0.01096	109.60	-88.39	0.01173
108.19	-89.80	0.01257	106.77	-91.22	0.01353
105.36	-92.63	0.01460	92.63	-105.36	0.01226
91.22	-106.77	0.01130	89.80	-108.19	0.01049
88.39	-109.60	0.00981	86.97	-111.02	0.00921
84.85	-113.14	0.00844	81.32	-116.67	0.00738

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00652	70.71	-127.28	0.00522
63.64	-134.35	0.00426	56.57	-141.42	0.00354
49.50	-148.49	0.00298	42.43	-155.56	0.00255
35.36	-162.63	0.00220	28.28	-169.71	0.00191

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

15:39:36
 **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
176.78	-35.36	0.00195	169.71	-42.43	0.00226
162.63	-49.50	0.00264	155.56	-56.57	0.00313
148.49	-63.64	0.00375	141.42	-70.71	0.00458
134.35	-77.78	0.00572	127.28	-84.85	0.00737
123.74	-88.39	0.00849	120.21	-91.92	0.00989
118.09	-94.05	0.01091	116.67	-95.46	0.01167
115.26	-96.87	0.01251	113.84	-98.29	0.01346
112.43	-99.70	0.01452	99.70	-112.43	0.01215
98.29	-113.84	0.01121	96.87	-115.26	0.01041
95.46	-116.67	0.00974	94.05	-118.09	0.00914
91.92	-120.21	0.00836	88.39	-123.74	0.00731
84.85	-127.28	0.00645	77.78	-134.35	0.00515
70.71	-141.42	0.00421	63.64	-148.49	0.00350
56.57	-155.56	0.00296	49.50	-162.63	0.00253
42.43	-169.71	0.00218	35.36	-176.78	0.00190
183.85	-42.43	0.00197	176.78	-49.50	0.00227
169.71	-56.57	0.00265	162.63	-63.64	0.00313
155.56	-70.71	0.00375	148.49	-77.78	0.00457
141.42	-84.85	0.00570	134.35	-91.92	0.00733
130.81	-95.46	0.00844	127.28	-98.99	0.00983
125.16	-101.12	0.01084	123.74	-102.53	0.01159
122.33	-103.94	0.01243	120.92	-105.36	0.01336
119.50	-106.77	0.01442	106.77	-119.50	0.01204
105.36	-120.92	0.01109	103.94	-122.33	0.01030
102.53	-123.74	0.00963	101.12	-125.16	0.00903
98.99	-127.28	0.00826	95.46	-130.81	0.00721
91.92	-134.35	0.00636	84.85	-141.42	0.00507
77.78	-148.49	0.00415	70.71	-155.56	0.00346
63.64	-162.63	0.00293	56.57	-169.71	0.00251
49.50	-176.78	0.00217	42.43	-183.85	0.00189

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00198	183.85	-56.57	0.00229
176.78	-63.64	0.00267	169.71	-70.71	0.00314
162.63	-77.78	0.00375	155.56	-84.85	0.00456
148.49	-91.92	0.00568	141.42	-98.99	0.00729
137.89	-102.53	0.00838	134.35	-106.07	0.00975
132.23	-108.19	0.01074	130.81	-109.60	0.01149
129.40	-111.02	0.01232	127.99	-112.43	0.01324
126.57	-113.84	0.01429	113.84	-126.57	0.01189
112.43	-127.99	0.01095	111.02	-129.40	0.01016
109.60	-130.81	0.00949	108.19	-132.23	0.00889

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**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
106.07	-134.35	0.00813	102.53	-137.89	0.00708
98.99	-141.42	0.00624	91.92	-148.49	0.00498
84.85	-155.56	0.00409	77.78	-162.63	0.00342
70.71	-169.71	0.00290	63.64	-176.78	0.00249
56.57	-183.85	0.00216	49.50	-190.92	0.00188
197.99	-56.57	0.00199	190.92	-63.64	0.00230
183.85	-70.71	0.00267	176.78	-77.78	0.00315
169.71	-84.85	0.00375	162.63	-91.92	0.00455
155.56	-98.99	0.00565	148.49	-106.07	0.00724
144.96	-109.60	0.00831	141.42	-113.14	0.00965
139.30	-115.26	0.01062	137.89	-116.67	0.01136
136.47	-118.09	0.01218	135.06	-119.50	0.01309
133.64	-120.92	0.01413	120.92	-133.64	0.01171
119.50	-135.06	0.01076	118.09	-136.47	0.00998
116.67	-137.89	0.00930	115.26	-139.30	0.00872
113.14	-141.42	0.00796	109.60	-144.96	0.00692
106.07	-148.49	0.00610	98.99	-155.56	0.00489
91.92	-162.63	0.00402	84.85	-169.71	0.00337
77.78	-176.78	0.00287	70.71	-183.85	0.00246
63.64	-190.92	0.00214	56.57	-197.99	0.00187
205.06	-63.64	0.00200	197.99	-70.71	0.00231
190.92	-77.78	0.00268	183.85	-84.85	0.00315
176.78	-91.92	0.00375	169.71	-98.99	0.00454
162.63	-106.07	0.00563	155.56	-113.14	0.00718

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00823	148.49	-120.21	0.00954
146.37	-122.33	0.01049	144.96	-123.74	0.01121
143.54	-125.16	0.01201	142.13	-126.57	0.01290
140.71	-127.99	0.01393	127.99	-140.71	0.01147
126.57	-142.13	0.01051	125.16	-143.54	0.00974
123.74	-144.96	0.00907	122.33	-146.37	0.00849
120.21	-148.49	0.00774	116.67	-152.03	0.00674
113.14	-155.56	0.00595	106.07	-162.63	0.00479
98.99	-169.71	0.00396	91.92	-176.78	0.00332
84.85	-183.85	0.00283	77.78	-190.92	0.00243
70.71	-197.99	0.00211	63.64	-205.06	0.00185
212.13	-70.71	0.00201	205.06	-77.78	0.00231
197.99	-84.85	0.00268	190.92	-91.92	0.00315
183.85	-98.99	0.00375	176.78	-106.07	0.00453
169.71	-113.14	0.00560	162.63	-120.21	0.00713
159.10	-123.74	0.00815	155.56	-127.28	0.00943

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

*** Maximum train overlap at SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.01035	152.03	-130.81	0.01104
150.61	-132.23	0.01181	149.20	-133.64	0.01267
147.79	-135.06	0.01367	135.06	-147.79	0.01114
133.64	-149.20	0.01019	132.23	-150.61	0.00943
130.81	-152.03	0.00878	129.40	-153.44	0.00822
127.28	-155.56	0.00750	123.74	-159.10	0.00655
120.21	-162.63	0.00581	113.14	-169.71	0.00470
106.07	-176.78	0.00389	98.99	-183.85	0.00327
91.92	-190.92	0.00278	84.85	-197.99	0.00240
77.78	-205.06	0.00208	70.71	-212.13	0.00182
219.20	-77.78	0.00201	212.13	-84.85	0.00231
205.06	-91.92	0.00268	197.99	-98.99	0.00314
190.92	-106.07	0.00373	183.85	-113.14	0.00451
176.78	-120.21	0.00557	169.71	-127.28	0.00707
166.17	-130.81	0.00807	162.63	-134.35	0.00932
160.51	-136.47	0.01021	159.10	-137.89	0.01087
157.68	-139.30	0.01161	156.27	-140.71	0.01243
154.86	-142.13	0.01337	142.13	-154.86	0.01074

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00982	139.30	-157.68	0.00909
137.89	-159.10	0.00848	136.47	-160.51	0.00796
134.35	-162.63	0.00729	130.81	-166.17	0.00639
127.28	-169.71	0.00568	120.21	-176.78	0.00459
113.14	-183.85	0.00380	106.07	-190.92	0.00320
98.99	-197.99	0.00273	91.92	-205.06	0.00236
84.85	-212.13	0.00205	77.78	-219.20	0.00180
226.27	-84.85	0.00202	219.20	-91.92	0.00231
212.13	-98.99	0.00268	205.06	-106.07	0.00313
197.99	-113.14	0.00371	190.92	-120.21	0.00448
183.85	-127.28	0.00552	176.78	-134.35	0.00699
173.24	-137.89	0.00798	169.71	-141.42	0.00920
167.58	-143.54	0.01007	166.17	-144.96	0.01072
164.76	-146.37	0.01143	163.34	-147.79	0.01222
161.93	-149.20	0.01310	149.20	-161.93	0.01033
147.79	-163.34	0.00949	146.37	-164.76	0.00881
144.96	-166.17	0.00824	143.54	-167.58	0.00774
141.42	-169.71	0.00710	137.89	-173.24	0.00623
134.35	-176.78	0.00553	127.28	-183.85	0.00448
120.21	-190.92	0.00372	113.14	-197.99	0.00314
106.07	-205.06	0.00268	98.99	-212.13	0.00232
91.92	-219.20	0.00202	84.85	-226.27	0.00178

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

15:39:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00202	226.27	-98.99	0.00231
219.20	-106.07	0.00267	212.13	-113.14	0.00312
205.06	-120.21	0.00369	197.99	-127.28	0.00444
190.92	-134.35	0.00546	183.85	-141.42	0.00689
180.31	-144.96	0.00785	176.78	-148.49	0.00902
174.66	-150.61	0.00986	173.24	-152.03	0.01048
171.83	-153.44	0.01114	170.41	-154.86	0.01188
169.00	-156.27	0.01266	156.27	-169.00	0.00994
154.86	-170.41	0.00919	153.44	-171.83	0.00854
152.03	-173.24	0.00800	150.61	-174.66	0.00753
148.49	-176.78	0.00691	144.96	-180.31	0.00608
141.42	-183.85	0.00540	134.35	-190.92	0.00438

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00364	120.21	-205.06	0.00308
113.14	-212.13	0.00263	106.07	-219.20	0.00228
98.99	-226.27	0.00199	91.92	-233.35	0.00175
240.42	-98.99	0.00202	233.35	-106.07	0.00231
226.27	-113.14	0.00266	219.20	-120.21	0.00310
212.13	-127.28	0.00366	205.06	-134.35	0.00438
197.99	-141.42	0.00535	190.92	-148.49	0.00670
187.38	-152.03	0.00757	183.85	-155.56	0.00858
181.73	-157.68	0.00926	180.31	-159.10	0.00973
178.90	-160.51	0.01020	177.48	-161.93	0.01067
176.07	-163.34	0.01109	163.34	-176.07	0.00912
161.93	-177.48	0.00859	160.51	-178.90	0.00810
159.10	-180.31	0.00765	157.68	-181.73	0.00723
155.56	-183.85	0.00667	152.03	-187.38	0.00589
148.49	-190.92	0.00524	141.42	-197.99	0.00427
134.35	-205.06	0.00355	127.28	-212.13	0.00301
120.21	-219.20	0.00259	113.14	-226.27	0.00224
106.07	-233.35	0.00196	98.99	-240.42	0.00173
247.49	-106.07	0.00201	240.42	-113.14	0.00230
233.35	-120.21	0.00264	226.27	-127.28	0.00307
219.20	-134.35	0.00360	212.13	-141.42	0.00428
205.06	-148.49	0.00518	197.99	-155.56	0.00635
194.45	-159.10	0.00706	190.92	-162.63	0.00783
188.80	-164.76	0.00830	187.38	-166.17	0.00860
185.97	-167.58	0.00888	184.55	-169.00	0.00914
183.14	-170.41	0.00935	170.41	-183.14	0.00811
169.00	-184.55	0.00775	167.58	-185.97	0.00740
166.17	-187.38	0.00705	164.76	-188.80	0.00672

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00627	159.10	-194.45	0.00561
155.56	-197.99	0.00504	148.49	-205.06	0.00413
141.42	-212.13	0.00346	134.35	-219.20	0.00294
127.28	-226.27	0.00253	120.21	-233.35	0.00220
113.14	-240.42	0.00193	106.07	-247.49	0.00171

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

04/20/08

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00929 AT (161.93, -149.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT (169.00, -156.27, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT (154.86, -142.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT (147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT (170.41, -154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT (163.34, -147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT (140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00814 AT (156.27, -140.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT (176.07, -163.34, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT (149.20, -133.64, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00929 AT (98.29, -85.56, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT (105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT (91.22, -78.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT (84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT (106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT (99.70, -84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT (77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00814 AT (92.63, -77.07, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT (112.43, -99.70, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT (85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00929 AT (34.65, -21.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT (41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT (27.58, -14.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT (20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT (43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT (36.06, -20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT (13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT (28.99, -13.44, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT (48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT (21.92, -6.36, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

15:39:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00929 AT (-28.99, 41.72, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT (-21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT (-36.06, 48.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT (-43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT (-20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT (-27.58, 43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT (-50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT (-34.65, 50.20, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT (-14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT (-41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00929 AT (-92.63, 105.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT (-85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT (-99.70, 112.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT (-106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT (-84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT (-91.22, 106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT (-113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT (-98.29, 113.84, 0.00, 1.20)	DC	NA

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00800	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01470	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01470	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01470	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01469	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01469	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01467	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01467	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01465	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01464	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01461	AT (	34.65,	-21.92,	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 SE/NW Bound Direction ***

15:39:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 10 Informational Message(s)
 A Total of 10 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
