

1 11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound
ISCST3 - (DATED 02035)

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 19:38:53

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at 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
RE DISCCART	-64.35	77.07	1.2
RE DISCCART	-77.07	64.35	1.2
RE DISCCART	-78.49	62.93	1.2
RE DISCCART	-79.9	61.52	1.2
RE DISCCART	-81.32	60.1	1.2
RE DISCCART	-82.73	58.69	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-88.39	53.03	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	7.07	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
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RE DISCCART -27.58 14.85 1.2
RE DISCCART -28.99 13.44 1.2
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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
RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	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
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	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
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	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
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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
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 ME ANEMHGHT 10 METERS
 ME SURFDATA 9902 2001
 ME UAIRDATA 9902 2001
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 ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

19:38:54

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M**3

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

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\11NCRA-1.DAT

11NCRA_SR01-300_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);

*** 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);

11NCRA_SR01-300_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 ***

04/18/08

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

19:38:54

**MODELOPTs:

PAGE 6

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);

11NCRA_SR01-300_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 ***
 04/18/08

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

19:38:54
 **MODELOPTs:
 PAGE 7
 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);

11NCRA_SR01-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

19:38:54

**MODELOPTs:
PAGE 8

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);

11NCRA_SR01-300_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 ***
04/18/08

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

19:38:54
**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);

11NCRA_SR01-300_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 *** ISCAST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

11NCRA_SR01-300_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);

11NCRA_SR01-300_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 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** 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, 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);

11NCRA_SR01-300_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 ***
 04/18/08

*** 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)

(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);

11NCRA_SR01-300_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 ***
 04/18/08

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

19:38:54
 **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);

11NCRA_SR01-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

(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);

11NCRA_SR01-300_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 ***
 04/18/08

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

(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);

11NCRA_SR01-300_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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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);

11NCRA_SR01-300_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 ***
 04/18/08

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

19:38:54

**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);

11NCRA_SR01-300_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 ***
 04/18/08

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

19:38:54
 **MODELOPTs:
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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);

11NCRA_SR01-300_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 ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:38:54
 **MODELOPTS:
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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);

11NCRA_SR01-300_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 ***
 04/18/08

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

19:38:54
 **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);

11NCRA_SR01-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

19:38:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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

04/18/08

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

19:38:54

**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	0.00013	-113.14	240.42	0.00013
-120.21	233.35	0.00013	-127.28	226.27	0.00012
-134.35	219.20	0.00012	-141.42	212.13	0.00011
-148.49	205.06	0.00011	-155.56	197.99	0.00010
-159.10	194.45	0.00010	-162.63	190.92	0.00009
-164.76	188.80	0.00009	-166.17	187.38	0.00009
-167.58	185.97	0.00009	-169.00	184.55	0.00009
-170.41	183.14	0.00009	-183.14	170.41	0.00008
-184.55	169.00	0.00008	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00014	-106.07	233.35	0.00014
-113.14	226.27	0.00013	-120.21	219.20	0.00013

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00010	-147.79	163.34	0.00010
-149.20	161.93	0.00010	-161.93	149.20	0.00009
-163.34	147.79	0.00009	-164.76	146.37	0.00008
-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00005	-212.13	99.00	0.00005
-219.20	91.92	0.00005	-226.27	84.85	0.00005
-77.78	219.20	0.00016	-84.85	212.13	0.00016
-91.92	205.06	0.00015	-98.99	197.99	0.00015
-106.07	190.92	0.00014	-113.14	183.85	0.00014
-120.21	176.78	0.00013	-127.28	169.71	0.00012
-130.81	166.17	0.00012	-134.35	162.63	0.00011
-136.47	160.51	0.00011	-137.89	159.10	0.00011
-139.30	157.68	0.00011	-140.71	156.27	0.00011
-142.13	154.86	0.00011	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00009	-160.51	136.47	0.00009
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00008	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00006
-197.99	99.00	0.00006	-205.06	91.92	0.00005
-212.13	84.85	0.00005	-219.20	77.78	0.00005
-70.71	212.13	0.00017	-77.78	205.06	0.00017
-84.85	197.99	0.00016	-91.92	190.92	0.00016
-98.99	183.85	0.00015	-106.07	176.78	0.00014
-113.14	169.71	0.00014	-120.21	162.63	0.00013
-123.74	159.10	0.00012	-127.28	155.56	0.00012

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

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

19:38:54
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00012	-130.81	152.03	0.00012
-132.23	150.61	0.00011	-133.64	149.20	0.00011
-135.06	147.79	0.00011	-147.79	135.06	0.00010
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00009	-159.10	123.74	0.00008
-162.63	120.21	0.00008	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00006
-190.92	91.92	0.00006	-197.99	84.85	0.00006
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00018	-70.71	197.99	0.00018
-77.78	190.92	0.00017	-84.85	183.85	0.00017
-91.92	176.78	0.00016	-98.99	169.71	0.00015
-106.07	162.63	0.00014	-113.14	155.56	0.00014
-116.67	152.03	0.00013	-120.21	148.49	0.00013
-122.33	146.37	0.00012	-123.74	144.96	0.00012
-125.16	143.54	0.00012	-126.57	142.13	0.00012
-127.99	140.71	0.00012	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00009	-146.37	122.33	0.00009
-148.49	120.21	0.00009	-152.03	116.67	0.00009
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00007	-176.78	91.92	0.00007
-183.85	84.85	0.00006	-190.92	77.78	0.00006
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00019	-63.64	190.92	0.00019
-70.71	183.85	0.00018	-77.78	176.78	0.00018
-84.85	169.71	0.00017	-91.92	162.63	0.00016
-98.99	155.56	0.00015	-106.07	148.49	0.00014
-109.60	144.96	0.00014	-113.14	141.42	0.00013
-115.26	139.30	0.00013	-116.67	137.89	0.00013
-118.09	136.47	0.00013	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00011
-135.06	119.50	0.00010	-136.47	118.09	0.00010
-137.89	116.67	0.00010	-139.30	115.26	0.00010
-141.42	113.14	0.00010	-144.96	109.60	0.00009
-148.49	106.07	0.00009	-155.56	98.99	0.00008
-162.63	91.92	0.00007	-169.71	84.85	0.00007
-176.78	77.78	0.00006	-183.85	70.71	0.00006
-190.92	63.64	0.00006	-197.99	56.57	0.00005

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

19:38:54
 **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 **

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00011	-123.74	88.39	0.00010
-127.28	84.85	0.00010	-134.35	77.78	0.00009
-141.42	70.71	0.00008	-148.49	63.64	0.00008
-155.56	56.57	0.00007	-162.63	49.50	0.00007
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00024	-35.36	162.63	0.00024
-42.43	155.56	0.00023	-49.50	148.49	0.00023
-56.57	141.42	0.00022	-63.64	134.35	0.00021
-70.71	127.28	0.00020	-77.78	120.21	0.00018
-81.32	116.67	0.00018	-84.85	113.14	0.00017
-86.97	111.02	0.00017	-88.39	109.60	0.00016
-89.80	108.19	0.00016	-91.22	106.77	0.00016
-92.63	105.36	0.00015	-105.36	92.63	0.00013
-106.77	91.22	0.00013	-108.19	89.80	0.00012
-109.60	88.39	0.00012	-111.02	86.97	0.00012
-113.14	84.85	0.00012	-116.67	81.32	0.00011
-120.21	77.78	0.00010	-127.28	70.71	0.00010
-134.35	63.64	0.00009	-141.42	56.57	0.00008
-148.49	49.50	0.00007	-155.56	42.43	0.00007
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00026	-28.28	155.56	0.00026
-35.36	148.49	0.00025	-42.43	141.42	0.00024
-49.50	134.35	0.00023	-56.57	127.28	0.00022
-63.64	120.21	0.00021	-70.71	113.14	0.00020
-74.25	109.60	0.00019	-77.78	106.07	0.00018
-79.90	103.94	0.00018	-81.32	102.53	0.00017
-82.73	101.12	0.00017	-84.15	99.70	0.00017
-85.56	98.29	0.00016	-98.29	85.56	0.00014
-99.70	84.15	0.00013	-101.12	82.73	0.00013
-102.53	81.32	0.00013	-103.94	79.90	0.00013
-106.07	77.78	0.00012	-109.60	74.25	0.00012
-113.14	70.71	0.00011	-120.21	63.64	0.00010
-127.28	56.57	0.00009	-134.35	49.50	0.00008
-141.42	42.43	0.00008	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00006
-14.14	155.56	0.00028	-21.21	148.49	0.00027
-28.28	141.42	0.00027	-35.36	134.35	0.00026

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00025	-49.50	120.21	0.00024
-56.57	113.14	0.00023	-63.64	106.07	0.00021
-67.18	102.53	0.00020	-70.71	98.99	0.00019

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

19:38:54
 **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	0.00019	-74.25	95.46	0.00019
-75.66	94.05	0.00018	-77.07	92.63	0.00018
-78.49	91.22	0.00018	-91.22	78.49	0.00015
-92.63	77.07	0.00014	-94.05	75.66	0.00014
-95.46	74.25	0.00014	-96.87	72.83	0.00013
-98.99	70.71	0.00013	-102.53	67.18	0.00012
-106.07	63.64	0.00012	-113.14	56.57	0.00010
-120.21	49.50	0.00010	-127.28	42.43	0.00009
-134.35	35.36	0.00008	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00006
-7.07	148.49	0.00029	-14.14	141.42	0.00029
-21.21	134.35	0.00029	-28.28	127.28	0.00028
-35.36	120.21	0.00027	-42.43	113.14	0.00026
-49.50	106.07	0.00024	-56.57	98.99	0.00023
-60.10	95.46	0.00022	-63.64	91.92	0.00021
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00020	-70.00	85.56	0.00019
-71.42	84.15	0.00019	-84.15	71.42	0.00015
-85.56	70.00	0.00015	-86.97	68.59	0.00015
-88.39	67.18	0.00014	-89.80	65.76	0.00014
-91.92	63.64	0.00014	-95.46	60.10	0.00013
-98.99	56.57	0.00012	-106.07	49.50	0.00011
-113.14	42.43	0.00010	-120.21	35.36	0.00009
-127.28	28.28	0.00008	-134.35	21.21	0.00008
-141.42	14.14	0.00007	-148.49	7.07	0.00006
0.00	141.42	0.00032	-7.07	134.35	0.00031
-14.14	127.28	0.00031	-21.21	120.21	0.00030
-28.28	113.14	0.00029	-35.36	106.07	0.00028
-42.43	98.99	0.00026	-49.50	91.92	0.00024
-53.03	88.39	0.00023	-56.57	84.85	0.00022
-58.69	82.73	0.00022	-60.10	81.32	0.00021

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00021	-62.93	78.49	0.00021
-64.35	77.07	0.00020	-77.07	64.35	0.00016
-78.49	62.93	0.00016	-79.90	61.52	0.00016
-81.32	60.10	0.00015	-82.73	58.69	0.00015
-84.85	56.57	0.00014	-88.39	53.03	0.00014
-91.92	49.50	0.00013	-98.99	42.43	0.00012
-106.07	35.36	0.00011	-113.14	28.28	0.00010
-120.21	21.21	0.00009	-127.28	14.14	0.00008
-134.35	7.07	0.00007	-141.42	0.00	0.00006

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

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

19:38:54

**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	0.00034	0.00	127.28	0.00034
-7.07	120.21	0.00033	-14.14	113.14	0.00032
-21.21	106.07	0.00031	-28.28	98.99	0.00030
-35.36	91.92	0.00028	-42.43	84.85	0.00026
-45.96	81.32	0.00025	-49.50	77.78	0.00024
-51.62	75.66	0.00023	-53.03	74.25	0.00023
-54.45	72.83	0.00023	-55.86	71.42	0.00022
-57.28	70.00	0.00022	-70.00	57.28	0.00018
-71.42	55.86	0.00017	-72.83	54.45	0.00017
-74.25	53.03	0.00016	-75.66	51.62	0.00016
-77.78	49.50	0.00015	-81.32	45.96	0.00014
-84.85	42.43	0.00014	-91.92	35.36	0.00012
-98.99	28.28	0.00011	-106.07	21.21	0.00010
-113.14	14.14	0.00009	-120.21	7.07	0.00008
-127.28	0.00	0.00007	-134.35	-7.07	0.00007
14.14	127.28	0.00036	7.07	120.21	0.00036
0.00	113.14	0.00036	-7.07	106.07	0.00035
-14.14	98.99	0.00034	-21.21	91.92	0.00033
-28.28	84.85	0.00031	-35.36	77.78	0.00029
-38.89	74.25	0.00027	-42.43	70.71	0.00026
-44.55	68.59	0.00025	-45.96	67.18	0.00025
-47.38	65.76	0.00024	-48.79	64.35	0.00024
-50.20	62.93	0.00023	-62.93	50.20	0.00019
-64.35	48.79	0.00018	-65.76	47.38	0.00018
-67.18	45.96	0.00017	-68.59	44.55	0.00017

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00016	-74.25	38.89	0.00015
-77.78	35.36	0.00014	-84.85	28.28	0.00013
-91.92	21.21	0.00012	-98.99	14.14	0.00011
-106.07	7.07	0.00010	-113.14	0.00	0.00009
-120.21	-7.07	0.00008	-127.28	-14.14	0.00007
21.21	120.21	0.00039	14.14	113.14	0.00039
7.07	106.07	0.00039	0.00	98.99	0.00038
-7.07	91.92	0.00037	-14.14	84.85	0.00035
-21.21	77.78	0.00033	-28.28	70.71	0.00031
-31.82	67.18	0.00030	-35.36	63.64	0.00028
-37.48	61.52	0.00028	-38.89	60.10	0.00027
-40.31	58.69	0.00026	-41.72	57.28	0.00026
-43.13	55.86	0.00025	-55.86	43.13	0.00020
-57.28	41.72	0.00020	-58.69	40.31	0.00019
-60.10	38.89	0.00019	-61.52	37.48	0.00018

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

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

19:38:54

**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	0.00017	-67.18	31.82	0.00016
-70.71	28.28	0.00015	-77.78	21.21	0.00014
-84.85	14.14	0.00012	-91.92	7.07	0.00011
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00008	-120.21	-21.21	0.00007
28.28	113.14	0.00042	21.21	106.07	0.00042
14.14	98.99	0.00042	7.07	91.92	0.00041
0.00	84.85	0.00040	-7.07	77.78	0.00039
-14.14	70.71	0.00037	-21.21	63.64	0.00034
-24.75	60.10	0.00032	-28.28	56.57	0.00031
-30.41	54.45	0.00030	-31.82	53.03	0.00029
-33.23	51.62	0.00029	-34.65	50.20	0.00028
-36.06	48.79	0.00027	-48.79	36.06	0.00022
-50.20	34.65	0.00021	-51.62	33.23	0.00020
-53.03	31.82	0.00020	-54.45	30.41	0.00019
-56.57	28.28	0.00019	-60.10	24.75	0.00017
-63.64	21.21	0.00016	-70.71	14.14	0.00014
-77.78	7.07	0.00013	-84.85	0.00	0.00012
-91.92	-7.07	0.00010	-98.99	-14.14	0.00009

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00008	-113.14	-28.28	0.00007
35.36	106.07	0.00046	28.28	98.99	0.00046
21.21	91.92	0.00046	14.14	84.85	0.00045
7.07	77.78	0.00044	0.00	70.71	0.00042
-7.07	63.64	0.00040	-14.14	56.57	0.00037
-17.68	53.03	0.00036	-21.21	49.50	0.00034
-23.33	47.38	0.00033	-24.75	45.96	0.00032
-26.16	44.55	0.00031	-27.58	43.13	0.00031
-28.99	41.72	0.00030	-41.72	28.99	0.00023
-43.13	27.58	0.00023	-44.55	26.16	0.00022
-45.96	24.75	0.00021	-47.38	23.33	0.00021
-49.50	21.21	0.00020	-53.03	17.68	0.00019
-56.57	14.14	0.00017	-63.64	7.07	0.00015
-70.71	0.00	0.00014	-77.78	-7.07	0.00012
-84.85	-14.14	0.00011	-91.92	-21.21	0.00009
-98.99	-28.28	0.00008	-106.07	-35.36	0.00007
42.43	98.99	0.00050	35.36	91.92	0.00050
28.28	84.85	0.00050	21.21	77.78	0.00049
14.14	70.71	0.00048	7.07	63.64	0.00047
0.00	56.57	0.00044	-7.07	49.50	0.00041
-10.61	45.96	0.00039	-14.14	42.43	0.00037

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

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

19:38:54

**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
-16.26	40.31	0.00036	-17.68	38.89	0.00035
-19.09	37.48	0.00034	-20.51	36.06	0.00033
-21.92	34.65	0.00033	-34.65	21.92	0.00025
-36.06	20.51	0.00024	-37.48	19.09	0.00024
-38.89	17.68	0.00023	-40.31	16.26	0.00022
-42.43	14.14	0.00021	-45.96	10.61	0.00020
-49.50	7.07	0.00019	-56.57	0.00	0.00016
-63.64	-7.07	0.00015	-70.71	-14.14	0.00013
-77.78	-21.21	0.00011	-84.85	-28.28	0.00010
-91.92	-35.36	0.00008	-98.99	-42.43	0.00007
49.50	91.92	0.00054	42.43	84.85	0.00054
35.36	77.78	0.00055	28.28	70.71	0.00054
21.21	63.64	0.00053	14.14	56.57	0.00051

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00049	0.00	42.43	0.00045
-3.54	38.89	0.00043	-7.07	35.36	0.00041
-9.19	33.23	0.00040	-10.61	31.82	0.00039
-12.02	30.41	0.00038	-13.44	28.99	0.00037
-14.85	27.58	0.00036	-27.58	14.85	0.00027
-28.99	13.44	0.00027	-30.41	12.02	0.00026
-31.82	10.61	0.00025	-33.23	9.19	0.00024
-35.36	7.07	0.00023	-38.89	3.54	0.00021
-42.43	0.00	0.00020	-49.50	-7.07	0.00017
-56.57	-14.14	0.00015	-63.64	-21.21	0.00013
-70.71	-28.28	0.00012	-77.78	-35.36	0.00010
-84.85	-42.43	0.00008	-91.92	-49.50	0.00007
56.57	84.85	0.00059	49.50	77.78	0.00059
42.43	70.71	0.00060	35.36	63.64	0.00060
28.28	56.57	0.00059	21.21	49.50	0.00057
14.14	42.43	0.00054	7.07	35.36	0.00050
3.54	31.82	0.00048	0.00	28.28	0.00046
-2.12	26.16	0.00044	-3.54	24.75	0.00043
-4.95	23.33	0.00042	-6.36	21.92	0.00041
-7.78	20.51	0.00040	-20.51	7.78	0.00030
-21.92	6.36	0.00029	-23.33	4.95	0.00028
-24.75	3.54	0.00027	-26.16	2.12	0.00026
-28.28	0.00	0.00025	-31.82	-3.54	0.00023
-35.36	-7.07	0.00021	-42.43	-14.14	0.00019
-49.50	-21.21	0.00016	-56.57	-28.28	0.00014
-63.64	-35.36	0.00012	-70.71	-42.43	0.00010
-77.78	-49.50	0.00009	-84.85	-56.57	0.00007

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

19:38:54
 **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	77.78	0.00064	56.57	70.71	0.00065
49.50	63.64	0.00066	42.43	56.57	0.00066
35.36	49.50	0.00065	28.28	42.43	0.00064
21.21	35.36	0.00061	14.14	28.28	0.00056
10.61	24.75	0.00054	7.07	21.21	0.00051
4.95	19.09	0.00049	3.54	17.68	0.00048
2.12	16.26	0.00047	0.71	14.85	0.00045

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00044	-13.44	0.71	0.00033
-14.85	-0.71	0.00031	-16.26	-2.12	0.00030
-17.68	-3.54	0.00029	-19.09	-4.95	0.00028
-21.21	-7.07	0.00027	-24.75	-10.61	0.00025
-28.28	-14.14	0.00023	-35.36	-21.21	0.00020
-42.43	-28.28	0.00017	-49.50	-35.36	0.00015
-56.57	-42.43	0.00012	-63.64	-49.50	0.00010
-70.71	-56.57	0.00009	-77.78	-63.64	0.00008
70.71	70.71	0.00070	63.64	63.64	0.00072
56.57	56.57	0.00073	49.50	49.50	0.00073
42.43	42.43	0.00073	35.36	35.36	0.00071
28.28	28.28	0.00068	21.21	21.21	0.00064
17.68	17.68	0.00061	14.14	14.14	0.00057
12.02	12.02	0.00055	10.61	10.61	0.00054
9.19	9.19	0.00052	7.78	7.78	0.00051
6.36	6.36	0.00049	-6.36	-6.36	0.00036
-7.78	-7.78	0.00034	-9.19	-9.19	0.00033
-10.61	-10.61	0.00032	-12.02	-12.02	0.00031
-14.14	-14.14	0.00029	-17.68	-17.68	0.00027
-21.21	-21.21	0.00025	-28.28	-28.28	0.00021
-35.36	-35.36	0.00018	-42.43	-42.43	0.00015
-49.50	-49.50	0.00013	-56.57	-56.57	0.00011
-63.64	-63.64	0.00009	-70.71	-70.71	0.00008
77.78	63.64	0.00077	70.71	56.57	0.00079
63.64	49.50	0.00081	56.57	42.43	0.00081
49.50	35.36	0.00081	42.43	28.28	0.00080
35.36	21.21	0.00077	28.28	14.14	0.00072
24.75	10.61	0.00069	21.21	7.07	0.00065
19.09	4.95	0.00062	17.68	3.54	0.00061
16.26	2.12	0.00059	14.85	0.71	0.00057
13.44	-0.71	0.00055	0.71	-13.44	0.00040
-0.71	-14.85	0.00038	-2.12	-16.26	0.00036
-3.54	-17.68	0.00035	-4.95	-19.09	0.00034

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

19:38:54
 **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	0.00032	-10.61	-24.75	0.00029

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00027	-21.21	-35.36	0.00023
-28.28	-42.43	0.00019	-35.36	-49.50	0.00016
-42.43	-56.57	0.00013	-49.50	-63.64	0.00011
-56.57	-70.71	0.00009	-63.64	-77.78	0.00008
84.85	56.57	0.00084	77.78	49.50	0.00087
70.71	42.43	0.00090	63.64	35.36	0.00091
56.57	28.28	0.00092	49.50	21.21	0.00091
42.43	14.14	0.00088	35.36	7.07	0.00082
31.82	3.54	0.00079	28.28	0.00	0.00074
26.16	-2.12	0.00071	24.75	-3.54	0.00069
23.33	-4.95	0.00067	21.92	-6.36	0.00065
20.51	-7.78	0.00063	7.78	-20.51	0.00044
6.36	-21.92	0.00042	4.95	-23.33	0.00040
3.54	-24.75	0.00039	2.12	-26.16	0.00037
0.00	-28.28	0.00035	-3.54	-31.82	0.00032
-7.07	-35.36	0.00029	-14.14	-42.43	0.00024
-21.21	-49.50	0.00020	-28.28	-56.57	0.00016
-35.36	-63.64	0.00013	-42.43	-70.71	0.00011
-49.50	-77.78	0.00010	-56.57	-84.85	0.00009
91.92	49.50	0.00092	84.85	42.43	0.00096
77.78	35.36	0.00100	70.71	28.28	0.00102
63.64	21.21	0.00104	56.57	14.14	0.00103
49.50	7.07	0.00100	42.43	0.00	0.00095
38.89	-3.54	0.00091	35.36	-7.07	0.00085
33.23	-9.19	0.00082	31.82	-10.61	0.00080
30.41	-12.02	0.00077	28.99	-13.44	0.00075
27.58	-14.85	0.00072	14.85	-27.58	0.00049
13.44	-28.99	0.00047	12.02	-30.41	0.00044
10.61	-31.82	0.00043	9.19	-33.23	0.00041
7.07	-35.36	0.00038	3.54	-38.89	0.00035
0.00	-42.43	0.00031	-7.07	-49.50	0.00026
-14.14	-56.57	0.00021	-21.21	-63.64	0.00017
-28.28	-70.71	0.00014	-35.36	-77.78	0.00012
-42.43	-84.85	0.00011	-49.50	-91.92	0.00010
98.99	42.43	0.00099	91.92	35.36	0.00106
84.85	28.28	0.00111	77.78	21.21	0.00115
70.71	14.14	0.00118	63.64	7.07	0.00118
56.57	0.00	0.00116	49.50	-7.07	0.00110
45.96	-10.61	0.00105	42.43	-14.14	0.00099

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00095	38.89	-17.68	0.00093
37.48	-19.09	0.00090	36.06	-20.51	0.00086
34.65	-21.92	0.00083	21.92	-34.65	0.00055
20.51	-36.06	0.00052	19.09	-37.48	0.00050
17.68	-38.89	0.00047	16.26	-40.31	0.00045
14.14	-42.43	0.00042	10.61	-45.96	0.00038
7.07	-49.50	0.00034	0.00	-56.57	0.00028
-7.07	-63.64	0.00022	-14.14	-70.71	0.00017
-21.21	-77.78	0.00014	-28.28	-84.85	0.00013
-35.36	-91.92	0.00012	-42.43	-98.99	0.00011
106.07	35.36	0.00107	98.99	28.28	0.00116
91.92	21.21	0.00124	84.85	14.14	0.00130
77.78	7.07	0.00135	70.71	0.00	0.00136
63.64	-7.07	0.00135	56.57	-14.14	0.00129
53.03	-17.68	0.00124	49.50	-21.21	0.00117
47.38	-23.33	0.00112	45.96	-24.75	0.00109
44.55	-26.16	0.00105	43.13	-27.58	0.00101
41.72	-28.99	0.00097	28.99	-41.72	0.00062
27.58	-43.13	0.00058	26.16	-44.55	0.00055
24.75	-45.96	0.00053	23.33	-47.38	0.00050
21.21	-49.50	0.00047	17.68	-53.03	0.00042
14.14	-56.57	0.00037	7.07	-63.64	0.00029
0.00	-70.71	0.00023	-7.07	-77.78	0.00018
-14.14	-84.85	0.00015	-21.21	-91.92	0.00014
-28.28	-98.99	0.00013	-35.36	-106.07	0.00012
113.14	28.28	0.00114	106.07	21.21	0.00126
98.99	14.14	0.00137	91.92	7.07	0.00147
84.85	0.00	0.00154	77.78	-7.07	0.00158
70.71	-14.14	0.00158	63.64	-21.21	0.00153
60.10	-24.75	0.00147	56.57	-28.28	0.00140
54.45	-30.41	0.00134	53.03	-31.82	0.00130
51.62	-33.23	0.00125	50.20	-34.65	0.00120
48.79	-36.06	0.00115	36.06	-48.79	0.00070
34.65	-50.20	0.00066	33.23	-51.62	0.00062
31.82	-53.03	0.00059	30.41	-54.45	0.00056
28.28	-56.57	0.00052	24.75	-60.10	0.00046
21.21	-63.64	0.00040	14.14	-70.71	0.00031
7.07	-77.78	0.00024	0.00	-84.85	0.00019
-7.07	-91.92	0.00017	-14.14	-98.99	0.00015

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00014 -28.28 -113.14 0.00013

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

19:38:54

**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	0.00121	113.14	14.14	0.00135
106.07	7.07	0.00150	98.99	0.00	0.00164
91.92	-7.07	0.00177	84.85	-14.14	0.00185
77.78	-21.21	0.00187	70.71	-28.28	0.00183
67.18	-31.82	0.00178	63.64	-35.36	0.00169
61.52	-37.48	0.00162	60.10	-38.89	0.00157
58.69	-40.31	0.00152	57.28	-41.72	0.00146
55.86	-43.13	0.00139	43.13	-55.86	0.00080
41.72	-57.28	0.00075	40.31	-58.69	0.00070
38.89	-60.10	0.00066	37.48	-61.52	0.00062
35.36	-63.64	0.00057	31.82	-67.18	0.00050
28.28	-70.71	0.00043	21.21	-77.78	0.00032
14.14	-84.85	0.00025	7.07	-91.92	0.00021
0.00	-98.99	0.00018	-7.07	-106.07	0.00017
-14.14	-113.14	0.00015	-21.21	-120.21	0.00014
127.28	14.14	0.00126	120.21	7.07	0.00143
113.14	0.00	0.00162	106.07	-7.07	0.00182
98.99	-14.14	0.00200	91.92	-21.21	0.00216
84.85	-28.28	0.00223	77.78	-35.36	0.00222
74.25	-38.89	0.00217	70.71	-42.43	0.00208
68.59	-44.55	0.00200	67.18	-45.96	0.00194
65.76	-47.38	0.00187	64.35	-48.79	0.00179
62.93	-50.20	0.00171	50.20	-62.93	0.00091
48.79	-64.35	0.00085	47.38	-65.76	0.00079
45.96	-67.18	0.00074	44.55	-68.59	0.00070
42.43	-70.71	0.00063	38.89	-74.25	0.00054
35.36	-77.78	0.00046	28.28	-84.85	0.00034
21.21	-91.92	0.00027	14.14	-98.99	0.00023
7.07	-106.07	0.00020	0.00	-113.14	0.00018
-7.07	-120.21	0.00016	-14.14	-127.28	0.00015
134.35	7.07	0.00130	127.28	0.00	0.00150
120.21	-7.07	0.00173	113.14	-14.14	0.00198
106.07	-21.21	0.00224	98.99	-28.28	0.00249

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00267	84.85	-42.43	0.00272
81.32	-45.96	0.00268	77.78	-49.50	0.00259
75.66	-51.62	0.00250	74.25	-53.03	0.00243
72.83	-54.45	0.00235	71.42	-55.86	0.00225
70.00	-57.28	0.00214	57.28	-70.00	0.00105
55.86	-71.42	0.00097	54.45	-72.83	0.00090
53.03	-74.25	0.00083	51.62	-75.66	0.00077

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

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

19:38:54

**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
49.50	-77.78	0.00069	45.96	-81.32	0.00057
42.43	-84.85	0.00048	35.36	-91.92	0.00036
28.28	-98.99	0.00030	21.21	-106.07	0.00025
14.14	-113.14	0.00022	7.07	-120.21	0.00020
0.00	-127.28	0.00018	-7.07	-134.35	0.00016
141.42	0.00	0.00133	134.35	-7.07	0.00155
127.28	-14.14	0.00182	120.21	-21.21	0.00212
113.14	-28.28	0.00246	106.07	-35.36	0.00282
98.99	-42.43	0.00317	91.92	-49.50	0.00337
88.39	-53.03	0.00337	84.85	-56.57	0.00329
82.73	-58.69	0.00320	81.32	-60.10	0.00312
79.90	-61.52	0.00302	78.49	-62.93	0.00289
77.07	-64.35	0.00275	64.35	-77.07	0.00121
62.93	-78.49	0.00110	61.52	-79.90	0.00100
60.10	-81.32	0.00092	58.69	-82.73	0.00084
56.57	-84.85	0.00074	53.03	-88.39	0.00061
49.50	-91.92	0.00051	42.43	-98.99	0.00040
35.36	-106.07	0.00033	28.28	-113.14	0.00028
21.21	-120.21	0.00024	14.14	-127.28	0.00021
7.07	-134.35	0.00019	0.00	-141.42	0.00017
148.49	-7.07	0.00135	141.42	-14.14	0.00159
134.35	-21.21	0.00188	127.28	-28.28	0.00223
120.21	-35.36	0.00264	113.14	-42.43	0.00312
106.07	-49.50	0.00364	98.99	-56.57	0.00411
95.46	-60.10	0.00424	91.92	-63.64	0.00425
89.80	-65.76	0.00417	88.39	-67.18	0.00409
86.97	-68.59	0.00397	85.56	-70.00	0.00383

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00364	71.42	-84.15	0.00137
70.00	-85.56	0.00122	68.59	-86.97	0.00110
67.18	-88.39	0.00099	65.76	-89.80	0.00090
63.64	-91.92	0.00079	60.10	-95.46	0.00065
56.57	-98.99	0.00056	49.50	-106.07	0.00043
42.43	-113.14	0.00035	35.36	-120.21	0.00030
28.28	-127.28	0.00026	21.21	-134.35	0.00023
14.14	-141.42	0.00021	7.07	-148.49	0.00018
155.56	-14.14	0.00136	148.49	-21.21	0.00161
141.42	-28.28	0.00193	134.35	-35.36	0.00232
127.28	-42.43	0.00279	120.21	-49.50	0.00336
113.14	-56.57	0.00404	106.07	-63.64	0.00479
102.53	-67.18	0.00515	98.99	-70.71	0.00541

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

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

19:38:54

**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	0.00548	95.46	-74.25	0.00546
94.05	-75.66	0.00538	92.63	-77.07	0.00523
91.22	-78.49	0.00501	78.49	-91.22	0.00150
77.07	-92.63	0.00132	75.66	-94.05	0.00117
74.25	-95.46	0.00106	72.83	-96.87	0.00097
70.71	-98.99	0.00085	67.18	-102.53	0.00071
63.64	-106.07	0.00061	56.57	-113.14	0.00047
49.50	-120.21	0.00039	42.43	-127.28	0.00033
35.36	-134.35	0.00029	28.28	-141.42	0.00025
21.21	-148.49	0.00022	14.14	-155.56	0.00019
162.63	-21.21	0.00135	155.56	-28.28	0.00162
148.49	-35.36	0.00195	141.42	-42.43	0.00237
134.35	-49.50	0.00290	127.28	-56.57	0.00356
120.21	-63.64	0.00438	113.14	-70.71	0.00535
109.60	-74.25	0.00589	106.07	-77.78	0.00642
103.94	-79.90	0.00671	102.53	-81.32	0.00687
101.12	-82.73	0.00701	99.70	-84.15	0.00710
98.29	-85.56	0.00709	85.56	-98.29	0.00162
84.15	-99.70	0.00142	82.73	-101.12	0.00126
81.32	-102.53	0.00114	79.90	-103.94	0.00104
77.78	-106.07	0.00091	74.25	-109.60	0.00076

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00066	63.64	-120.21	0.00051
56.57	-127.28	0.00043	49.50	-134.35	0.00036
42.43	-141.42	0.00031	35.36	-148.49	0.00027
28.28	-155.56	0.00023	21.21	-162.63	0.00020
169.71	-28.28	0.00135	162.63	-35.36	0.00161
155.56	-42.43	0.00195	148.49	-49.50	0.00240
141.42	-56.57	0.00297	134.35	-63.64	0.00371
127.28	-70.71	0.00464	120.21	-77.78	0.00580
116.67	-81.32	0.00648	113.14	-84.85	0.00719
111.02	-86.97	0.00761	109.60	-88.39	0.00788
108.19	-89.80	0.00814	106.77	-91.22	0.00844
105.36	-92.63	0.00874	92.63	-105.36	0.00180
91.22	-106.77	0.00155	89.80	-108.19	0.00136
88.39	-109.60	0.00122	86.97	-111.02	0.00111
84.85	-113.14	0.00097	81.32	-116.67	0.00081
77.78	-120.21	0.00069	70.71	-127.28	0.00055
63.64	-134.35	0.00045	56.57	-141.42	0.00038
49.50	-148.49	0.00033	42.43	-155.56	0.00028
35.36	-162.63	0.00024	28.28	-169.71	0.00020

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

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

19:38:54
 **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	0.00133	169.71	-42.43	0.00159
162.63	-49.50	0.00193	155.56	-56.57	0.00239
148.49	-63.64	0.00298	141.42	-70.71	0.00377
134.35	-77.78	0.00478	127.28	-84.85	0.00605
123.74	-88.39	0.00679	120.21	-91.92	0.00758
118.09	-94.05	0.00806	116.67	-95.46	0.00836
115.26	-96.87	0.00865	113.84	-98.29	0.00896
112.43	-99.70	0.00930	99.70	-112.43	0.00218
98.29	-113.84	0.00185	96.87	-115.26	0.00160
95.46	-116.67	0.00142	94.05	-118.09	0.00127
91.92	-120.21	0.00110	88.39	-123.74	0.00090
84.85	-127.28	0.00077	77.78	-134.35	0.00061
70.71	-141.42	0.00050	63.64	-148.49	0.00042
56.57	-155.56	0.00035	49.50	-162.63	0.00029
42.43	-169.71	0.00024	35.36	-176.78	0.00021

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00131	176.78	-49.50	0.00156
169.71	-56.57	0.00189	162.63	-63.64	0.00233
155.56	-70.71	0.00292	148.49	-77.78	0.00371
141.42	-84.85	0.00475	134.35	-91.92	0.00609
130.81	-95.46	0.00686	127.28	-98.99	0.00768
125.16	-101.12	0.00819	123.74	-102.53	0.00853
122.33	-103.94	0.00885	120.92	-105.36	0.00919
119.50	-106.77	0.00958	106.77	-119.50	0.00257
105.36	-120.92	0.00218	103.94	-122.33	0.00189
102.53	-123.74	0.00167	101.12	-125.16	0.00149
98.99	-127.28	0.00129	95.46	-130.81	0.00106
91.92	-134.35	0.00089	84.85	-141.42	0.00069
77.78	-148.49	0.00056	70.71	-155.56	0.00045
63.64	-162.63	0.00037	56.57	-169.71	0.00031
49.50	-176.78	0.00026	42.43	-183.85	0.00022
190.92	-49.50	0.00128	183.85	-56.57	0.00151
176.78	-63.64	0.00182	169.71	-70.71	0.00223
162.63	-77.78	0.00279	155.56	-84.85	0.00355
148.49	-91.92	0.00459	141.42	-98.99	0.00593
137.89	-102.53	0.00673	134.35	-106.07	0.00758
132.23	-108.19	0.00813	130.81	-109.60	0.00850
129.40	-111.02	0.00887	127.99	-112.43	0.00924
126.57	-113.84	0.00966	113.84	-126.57	0.00289
112.43	-127.99	0.00247	111.02	-129.40	0.00216
109.60	-130.81	0.00191	108.19	-132.23	0.00171

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

19:38:54
 **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	-134.35	0.00148	102.53	-137.89	0.00122
98.99	-141.42	0.00104	91.92	-148.49	0.00079
84.85	-155.56	0.00062	77.78	-162.63	0.00049
70.71	-169.71	0.00040	63.64	-176.78	0.00033
56.57	-183.85	0.00028	49.50	-190.92	0.00024
197.99	-56.57	0.00123	190.92	-63.64	0.00146
183.85	-70.71	0.00174	176.78	-77.78	0.00212
169.71	-84.85	0.00262	162.63	-91.92	0.00331
155.56	-98.99	0.00427	148.49	-106.07	0.00559

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00640	141.42	-113.14	0.00730
139.30	-115.26	0.00787	137.89	-116.67	0.00826
136.47	-118.09	0.00866	135.06	-119.50	0.00907
133.64	-120.92	0.00953	120.92	-133.64	0.00311
119.50	-135.06	0.00269	118.09	-136.47	0.00237
116.67	-137.89	0.00211	115.26	-139.30	0.00191
113.14	-141.42	0.00167	109.60	-144.96	0.00138
106.07	-148.49	0.00117	98.99	-155.56	0.00089
91.92	-162.63	0.00068	84.85	-169.71	0.00053
77.78	-176.78	0.00043	70.71	-183.85	0.00035
63.64	-190.92	0.00029	56.57	-197.99	0.00025
205.06	-63.64	0.00118	197.99	-70.71	0.00139
190.92	-77.78	0.00165	183.85	-84.85	0.00198
176.78	-91.92	0.00242	169.71	-98.99	0.00301
162.63	-106.07	0.00384	155.56	-113.14	0.00505
152.03	-116.67	0.00585	148.49	-120.21	0.00676
146.37	-122.33	0.00736	144.96	-123.74	0.00777
143.54	-125.16	0.00820	142.13	-126.57	0.00865
140.71	-127.99	0.00914	127.99	-140.71	0.00324
126.57	-142.13	0.00283	125.16	-143.54	0.00252
123.74	-144.96	0.00227	122.33	-146.37	0.00207
120.21	-148.49	0.00183	116.67	-152.03	0.00152
113.14	-155.56	0.00129	106.07	-162.63	0.00096
98.99	-169.71	0.00074	91.92	-176.78	0.00058
84.85	-183.85	0.00046	77.78	-190.92	0.00038
70.71	-197.99	0.00031	63.64	-205.06	0.00026
212.13	-70.71	0.00113	205.06	-77.78	0.00131
197.99	-84.85	0.00155	190.92	-91.92	0.00184
183.85	-98.99	0.00222	176.78	-106.07	0.00271
169.71	-113.14	0.00338	162.63	-120.21	0.00437
159.10	-123.74	0.00505	155.56	-127.28	0.00590

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

19:38:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00650	152.03	-130.81	0.00693
150.61	-132.23	0.00738	149.20	-133.64	0.00787
147.79	-135.06	0.00842	135.06	-147.79	0.00330

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00292	132.23	-150.61	0.00263
130.81	-152.03	0.00240	129.40	-153.44	0.00220
127.28	-155.56	0.00195	123.74	-159.10	0.00163
120.21	-162.63	0.00138	113.14	-169.71	0.00103
106.07	-176.78	0.00079	98.99	-183.85	0.00063
91.92	-190.92	0.00050	84.85	-197.99	0.00040
77.78	-205.06	0.00033	70.71	-212.13	0.00027
219.20	-77.78	0.00106	212.13	-84.85	0.00123
205.06	-91.92	0.00144	197.99	-98.99	0.00169
190.92	-106.07	0.00201	183.85	-113.14	0.00241
176.78	-120.21	0.00294	169.71	-127.28	0.00367
166.17	-130.81	0.00416	162.63	-134.35	0.00478
160.51	-136.47	0.00526	159.10	-137.89	0.00563
157.68	-139.30	0.00607	156.27	-140.71	0.00656
154.86	-142.13	0.00715	142.13	-154.86	0.00332
140.71	-156.27	0.00298	139.30	-157.68	0.00270
137.89	-159.10	0.00248	136.47	-160.51	0.00228
134.35	-162.63	0.00203	130.81	-166.17	0.00170
127.28	-169.71	0.00145	120.21	-176.78	0.00108
113.14	-183.85	0.00083	106.07	-190.92	0.00066
98.99	-197.99	0.00053	91.92	-205.06	0.00042
84.85	-212.13	0.00035	77.78	-219.20	0.00029
226.27	-84.85	0.00100	219.20	-91.92	0.00114
212.13	-98.99	0.00132	205.06	-106.07	0.00153
197.99	-113.14	0.00179	190.92	-120.21	0.00211
183.85	-127.28	0.00253	176.78	-134.35	0.00305
173.24	-137.89	0.00337	169.71	-141.42	0.00375
167.58	-143.54	0.00402	166.17	-144.96	0.00422
164.76	-146.37	0.00446	163.34	-147.79	0.00475
161.93	-149.20	0.00515	149.20	-161.93	0.00331
147.79	-163.34	0.00299	146.37	-164.76	0.00272
144.96	-166.17	0.00251	143.54	-167.58	0.00232
141.42	-169.71	0.00207	137.89	-173.24	0.00175
134.35	-176.78	0.00149	127.28	-183.85	0.00112
120.21	-190.92	0.00086	113.14	-197.99	0.00068
106.07	-205.06	0.00055	98.99	-212.13	0.00045
91.92	-219.20	0.00037	84.85	-226.27	0.00030

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

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

19:38:54

**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 ,

11NCRA_SR01-300_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	0.00092	226.27	-98.99	0.00104		
219.20	-106.07	0.00119	212.13	-113.14	0.00136		
205.06	-120.21	0.00157	197.99	-127.28	0.00182		
190.92	-134.35	0.00212	183.85	-141.42	0.00247		
180.31	-144.96	0.00267	176.78	-148.49	0.00288		
174.66	-150.61	0.00303	173.24	-152.03	0.00313		
171.83	-153.44	0.00325	170.41	-154.86	0.00338		
169.00	-156.27	0.00353	156.27	-169.00	0.00320		
154.86	-170.41	0.00293	153.44	-171.83	0.00270		
152.03	-173.24	0.00250	150.61	-174.66	0.00232		
148.49	-176.78	0.00210	144.96	-180.31	0.00178		
141.42	-183.85	0.00153	134.35	-190.92	0.00116		
127.28	-197.99	0.00090	120.21	-205.06	0.00071		
113.14	-212.13	0.00057	106.07	-219.20	0.00047		
98.99	-226.27	0.00039	91.92	-233.35	0.00032		
240.42	-98.99	0.00084	233.35	-106.07	0.00094		
226.27	-113.14	0.00106	219.20	-120.21	0.00120		
212.13	-127.28	0.00136	205.06	-134.35	0.00156		
197.99	-141.42	0.00178	190.92	-148.49	0.00203		
187.38	-152.03	0.00217	183.85	-155.56	0.00233		
181.73	-157.68	0.00244	180.31	-159.10	0.00253		
178.90	-160.51	0.00262	177.48	-161.93	0.00273		
176.07	-163.34	0.00284	163.34	-176.07	0.00281		
161.93	-177.48	0.00265	160.51	-178.90	0.00249		
159.10	-180.31	0.00235	157.68	-181.73	0.00220		
155.56	-183.85	0.00201	152.03	-187.38	0.00174		
148.49	-190.92	0.00151	141.42	-197.99	0.00116		
134.35	-205.06	0.00090	127.28	-212.13	0.00072		
120.21	-219.20	0.00058	113.14	-226.27	0.00048		
106.07	-233.35	0.00040	98.99	-240.42	0.00034		
247.49	-106.07	0.00076	240.42	-113.14	0.00084		
233.35	-120.21	0.00094	226.27	-127.28	0.00106		
219.20	-134.35	0.00119	212.13	-141.42	0.00134		
205.06	-148.49	0.00151	197.99	-155.56	0.00171		
194.45	-159.10	0.00183	190.92	-162.63	0.00197		
188.80	-164.76	0.00207	187.38	-166.17	0.00214		
185.97	-167.58	0.00221	184.55	-169.00	0.00229		
183.14	-170.41	0.00237	170.41	-183.14	0.00240		
169.00	-184.55	0.00230	167.58	-185.97	0.00220		
166.17	-187.38	0.00210	164.76	-188.80	0.00199		

04/18/08

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

19:38:54

**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	0.00185	159.10	-194.45	0.00162
155.56	-197.99	0.00143	148.49	-205.06	0.00113
141.42	-212.13	0.00089	134.35	-219.20	0.00072
127.28	-226.27	0.00058	120.21	-233.35	0.00048
113.14	-240.42	0.00040	106.07	-247.49	0.00034

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00021	-113.14	240.42	0.00021
-120.21	233.35	0.00021	-127.28	226.27	0.00020
-134.35	219.20	0.00019	-141.42	212.13	0.00018
-148.49	205.06	0.00017	-155.56	197.99	0.00016
-159.10	194.45	0.00016	-162.63	190.92	0.00015
-164.76	188.80	0.00015	-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	0.00012
-184.55	169.00	0.00011	-185.97	167.58	0.00011
-187.38	166.17	0.00011	-188.80	164.76	0.00011
-190.92	162.63	0.00010	-194.45	159.10	0.00010
-197.99	155.56	0.00010	-205.06	148.49	0.00009
-212.13	141.42	0.00008	-219.20	134.35	0.00007
-226.27	127.28	0.00007	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00005
-98.99	240.42	0.00023	-106.07	233.35	0.00022
-113.14	226.27	0.00022	-120.21	219.20	0.00021
-127.28	212.13	0.00020	-134.35	205.06	0.00019
-141.42	197.99	0.00018	-148.49	190.92	0.00017
-152.03	187.38	0.00017	-155.56	183.85	0.00016

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00016	-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	0.00012
-177.48	161.93	0.00012	-178.90	160.51	0.00012
-180.31	159.10	0.00012	-181.73	157.68	0.00011
-183.85	155.56	0.00011	-187.38	152.03	0.00010
-190.92	148.49	0.00010	-197.99	141.42	0.00009
-205.06	134.35	0.00008	-212.13	127.28	0.00008
-219.20	120.21	0.00007	-226.27	113.14	0.00007
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00024	-98.99	226.27	0.00024
-106.07	219.20	0.00023	-113.14	212.13	0.00023
-120.21	205.06	0.00022	-127.28	197.99	0.00021
-134.35	190.92	0.00020	-141.42	183.85	0.00018
-144.96	180.31	0.00018	-148.49	176.78	0.00017
-150.61	174.66	0.00017	-152.03	173.24	0.00016
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00015	-169.00	156.27	0.00013
-170.41	154.86	0.00013	-171.83	153.44	0.00012
-173.24	152.03	0.00012	-174.66	150.61	0.00012

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

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

19:38:54
 **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	0.00012	-180.31	144.96	0.00011
-183.85	141.42	0.00010	-190.92	134.35	0.00010
-197.99	127.28	0.00009	-205.06	120.21	0.00008
-212.13	113.14	0.00007	-219.20	106.07	0.00007
-226.27	99.00	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00026	-91.92	219.20	0.00026
-98.99	212.13	0.00025	-106.07	205.06	0.00024
-113.14	197.99	0.00023	-120.21	190.92	0.00022
-127.28	183.85	0.00021	-134.35	176.78	0.00020
-137.89	173.24	0.00019	-141.42	169.71	0.00018
-143.54	167.58	0.00018	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00016	-161.93	149.20	0.00014
-163.34	147.79	0.00013	-164.76	146.37	0.00013

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00013	-167.58	143.54	0.00013
-169.71	141.42	0.00012	-173.24	137.89	0.00012
-176.78	134.35	0.00011	-183.85	127.28	0.00010
-190.92	120.21	0.00009	-197.99	113.14	0.00008
-205.06	106.07	0.00008	-212.13	99.00	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00028	-84.85	212.13	0.00027
-91.92	205.06	0.00027	-98.99	197.99	0.00026
-106.07	190.92	0.00025	-113.14	183.85	0.00024
-120.21	176.78	0.00023	-127.28	169.71	0.00021
-130.81	166.17	0.00020	-134.35	162.63	0.00019
-136.47	160.51	0.00019	-137.89	159.10	0.00019
-139.30	157.68	0.00018	-140.71	156.27	0.00018
-142.13	154.86	0.00018	-154.86	142.13	0.00015
-156.27	140.71	0.00014	-157.68	139.30	0.00014
-159.10	137.89	0.00014	-160.51	136.47	0.00013
-162.63	134.35	0.00013	-166.17	130.81	0.00012
-169.71	127.28	0.00012	-176.78	120.21	0.00010
-183.85	113.14	0.00010	-190.92	106.07	0.00009
-197.99	99.00	0.00008	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00006
-70.71	212.13	0.00029	-77.78	205.06	0.00029
-84.85	197.99	0.00029	-91.92	190.92	0.00028
-98.99	183.85	0.00027	-106.07	176.78	0.00026
-113.14	169.71	0.00024	-120.21	162.63	0.00023
-123.74	159.10	0.00022	-127.28	155.56	0.00021

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

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

19:38:54
 **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	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00020	-133.64	149.20	0.00019
-135.06	147.79	0.00019	-147.79	135.06	0.00015
-149.20	133.64	0.00015	-150.61	132.23	0.00015
-152.03	130.81	0.00014	-153.44	129.40	0.00014
-155.56	127.28	0.00014	-159.10	123.74	0.00013
-162.63	120.21	0.00012	-169.71	113.14	0.00011
-176.78	106.07	0.00010	-183.85	98.99	0.00009

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00008	-197.99	84.85	0.00008
-205.06	77.78	0.00007	-212.13	70.71	0.00006
-63.64	205.06	0.00032	-70.71	197.99	0.00031
-77.78	190.92	0.00031	-84.85	183.85	0.00030
-91.92	176.78	0.00029	-98.99	169.71	0.00028
-106.07	162.63	0.00026	-113.14	155.56	0.00024
-116.67	152.03	0.00023	-120.21	148.49	0.00022
-122.33	146.37	0.00022	-123.74	144.96	0.00021
-125.16	143.54	0.00021	-126.57	142.13	0.00021
-127.99	140.71	0.00020	-140.71	127.99	0.00016
-142.13	126.57	0.00016	-143.54	125.16	0.00016
-144.96	123.74	0.00015	-146.37	122.33	0.00015
-148.49	120.21	0.00014	-152.03	116.67	0.00014
-155.56	113.14	0.00013	-162.63	106.07	0.00012
-169.71	98.99	0.00011	-176.78	91.92	0.00010
-183.85	84.85	0.00009	-190.92	77.78	0.00008
-197.99	70.71	0.00007	-205.06	63.64	0.00006
-56.57	197.99	0.00034	-63.64	190.92	0.00034
-70.71	183.85	0.00033	-77.78	176.78	0.00032
-84.85	169.71	0.00031	-91.92	162.63	0.00030
-98.99	155.56	0.00028	-106.07	148.49	0.00026
-109.60	144.96	0.00025	-113.14	141.42	0.00024
-115.26	139.30	0.00023	-116.67	137.89	0.00023
-118.09	136.47	0.00023	-119.50	135.06	0.00022
-120.92	133.64	0.00022	-133.64	120.92	0.00018
-135.06	119.50	0.00017	-136.47	118.09	0.00017
-137.89	116.67	0.00016	-139.30	115.26	0.00016
-141.42	113.14	0.00015	-144.96	109.60	0.00014
-148.49	106.07	0.00014	-155.56	98.99	0.00012
-162.63	91.92	0.00011	-169.71	84.85	0.00010
-176.78	77.78	0.00009	-183.85	70.71	0.00008
-190.92	63.64	0.00007	-197.99	56.57	0.00007

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

19:38:54
 **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	0.00036	-56.57	183.85	0.00036
-63.64	176.78	0.00036	-70.71	169.71	0.00035

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00034	-84.85	155.56	0.00033
-91.92	148.49	0.00031	-98.99	141.42	0.00029
-102.53	137.89	0.00027	-106.07	134.35	0.00026
-108.19	132.23	0.00025	-109.60	130.81	0.00025
-111.02	129.40	0.00024	-112.43	127.99	0.00024
-113.84	126.57	0.00023	-126.57	113.84	0.00019
-127.99	112.43	0.00018	-129.40	111.02	0.00018
-130.81	109.60	0.00017	-132.23	108.19	0.00017
-134.35	106.07	0.00016	-137.89	102.53	0.00015
-141.42	98.99	0.00014	-148.49	91.92	0.00013
-155.56	84.85	0.00012	-162.63	77.78	0.00011
-169.71	70.71	0.00010	-176.78	63.64	0.00009
-183.85	56.57	0.00008	-190.92	49.50	0.00007
-42.43	183.85	0.00039	-49.50	176.78	0.00039
-56.57	169.71	0.00039	-63.64	162.63	0.00038
-70.71	155.56	0.00037	-77.78	148.49	0.00035
-84.85	141.42	0.00033	-91.92	134.35	0.00031
-95.46	130.81	0.00030	-98.99	127.28	0.00028
-101.12	125.16	0.00028	-102.53	123.74	0.00027
-103.94	122.33	0.00026	-105.36	120.92	0.00026
-106.77	119.50	0.00025	-119.50	106.77	0.00020
-120.92	105.36	0.00020	-122.33	103.94	0.00019
-123.74	102.53	0.00019	-125.16	101.12	0.00018
-127.28	98.99	0.00017	-130.81	95.46	0.00016
-134.35	91.92	0.00015	-141.42	84.85	0.00014
-148.49	77.78	0.00012	-155.56	70.71	0.00011
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00008	-183.85	42.43	0.00007
-35.36	176.78	0.00042	-42.43	169.71	0.00042
-49.50	162.63	0.00042	-56.57	155.56	0.00041
-63.64	148.49	0.00040	-70.71	141.42	0.00039
-77.78	134.35	0.00037	-84.85	127.28	0.00034
-88.39	123.74	0.00032	-91.92	120.21	0.00031
-94.05	118.09	0.00030	-95.46	116.67	0.00029
-96.87	115.26	0.00029	-98.29	113.84	0.00028
-99.70	112.43	0.00027	-112.43	99.70	0.00022
-113.84	98.29	0.00021	-115.26	96.87	0.00020
-116.67	95.46	0.00020	-118.09	94.05	0.00019

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

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

19:38:54
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

11NCRA_SR01-300_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	0.00019	-123.74	88.39	0.00017	
-127.28	84.85	0.00016	-134.35	77.78	0.00014	
-141.42	70.71	0.00013	-148.49	63.64	0.00012	
-155.56	56.57	0.00010	-162.63	49.50	0.00009	
-169.71	42.43	0.00008	-176.78	35.36	0.00007	
-28.28	169.71	0.00046	-35.36	162.63	0.00046	
-42.43	155.56	0.00046	-49.50	148.49	0.00045	
-56.57	141.42	0.00044	-63.64	134.35	0.00042	
-70.71	127.28	0.00040	-77.78	120.21	0.00037	
-81.32	116.67	0.00036	-84.85	113.14	0.00034	
-86.97	111.02	0.00033	-88.39	109.60	0.00032	
-89.80	108.19	0.00031	-91.22	106.77	0.00031	
-92.63	105.36	0.00030	-105.36	92.63	0.00023	
-106.77	91.22	0.00023	-108.19	89.80	0.00022	
-109.60	88.39	0.00021	-111.02	86.97	0.00021	
-113.14	84.85	0.00020	-116.67	81.32	0.00019	
-120.21	77.78	0.00017	-127.28	70.71	0.00015	
-134.35	63.64	0.00014	-141.42	56.57	0.00012	
-148.49	49.50	0.00011	-155.56	42.43	0.00009	
-162.63	35.36	0.00008	-169.71	28.28	0.00007	
-21.21	162.63	0.00050	-28.28	155.56	0.00050	
-35.36	148.49	0.00050	-42.43	141.42	0.00049	
-49.50	134.35	0.00048	-56.57	127.28	0.00047	
-63.64	120.21	0.00044	-70.71	113.14	0.00041	
-74.25	109.60	0.00039	-77.78	106.07	0.00037	
-79.90	103.94	0.00036	-81.32	102.53	0.00035	
-82.73	101.12	0.00034	-84.15	99.70	0.00033	
-85.56	98.29	0.00033	-98.29	85.56	0.00025	
-99.70	84.15	0.00024	-101.12	82.73	0.00024	
-102.53	81.32	0.00023	-103.94	79.90	0.00022	
-106.07	77.78	0.00021	-109.60	74.25	0.00020	
-113.14	70.71	0.00019	-120.21	63.64	0.00016	
-127.28	56.57	0.00015	-134.35	49.50	0.00013	
-141.42	42.43	0.00011	-148.49	35.36	0.00010	
-155.56	28.28	0.00008	-162.63	21.21	0.00007	
-14.14	155.56	0.00054	-21.21	148.49	0.00054	
-28.28	141.42	0.00055	-35.36	134.35	0.00054	
-42.43	127.28	0.00053	-49.50	120.21	0.00051	
-56.57	113.14	0.00049	-63.64	106.07	0.00045	
-67.18	102.53	0.00043	-70.71	98.99	0.00041	

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

*** NCRA Cumulative DPM Impacts

19:38:54

**MODELOPTS:

PAGE 48

*** 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	0.00040	-74.25	95.46	0.00039
-75.66	94.05	0.00038	-77.07	92.63	0.00037
-78.49	91.22	0.00036	-91.22	78.49	0.00027
-92.63	77.07	0.00027	-94.05	75.66	0.00026
-95.46	74.25	0.00025	-96.87	72.83	0.00024
-98.99	70.71	0.00023	-102.53	67.18	0.00021
-106.07	63.64	0.00020	-113.14	56.57	0.00017
-120.21	49.50	0.00015	-127.28	42.43	0.00013
-134.35	35.36	0.00012	-141.42	28.28	0.00010
-148.49	21.21	0.00008	-155.56	14.14	0.00007
-7.07	148.49	0.00059	-14.14	141.42	0.00059
-21.21	134.35	0.00060	-28.28	127.28	0.00060
-35.36	120.21	0.00059	-42.43	113.14	0.00057
-49.50	106.07	0.00054	-56.57	98.99	0.00050
-60.10	95.46	0.00048	-63.64	91.92	0.00046
-65.76	89.80	0.00044	-67.18	88.39	0.00043
-68.59	86.97	0.00042	-70.00	85.56	0.00041
-71.42	84.15	0.00040	-84.15	71.42	0.00030
-85.56	70.00	0.00029	-86.97	68.59	0.00028
-88.39	67.18	0.00027	-89.80	65.76	0.00026
-91.92	63.64	0.00025	-95.46	60.10	0.00023
-98.99	56.57	0.00021	-106.07	49.50	0.00019
-113.14	42.43	0.00016	-120.21	35.36	0.00014
-127.28	28.28	0.00012	-134.35	21.21	0.00010
-141.42	14.14	0.00009	-148.49	7.07	0.00007
0.00	141.42	0.00064	-7.07	134.35	0.00065
-14.14	127.28	0.00066	-21.21	120.21	0.00066
-28.28	113.14	0.00065	-35.36	106.07	0.00064
-42.43	98.99	0.00061	-49.50	91.92	0.00056
-53.03	88.39	0.00054	-56.57	84.85	0.00051
-58.69	82.73	0.00049	-60.10	81.32	0.00048
-61.52	79.90	0.00047	-62.93	78.49	0.00045
-64.35	77.07	0.00044	-77.07	64.35	0.00033
-78.49	62.93	0.00031	-79.90	61.52	0.00030

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00029	-82.73	58.69	0.00028
-84.85	56.57	0.00027	-88.39	53.03	0.00025
-91.92	49.50	0.00023	-98.99	42.43	0.00020
-106.07	35.36	0.00017	-113.14	28.28	0.00015
-120.21	21.21	0.00012	-127.28	14.14	0.00010
-134.35	7.07	0.00009	-141.42	0.00	0.00008

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

19:38:54
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00070	0.00	127.28	0.00072
-7.07	120.21	0.00073	-14.14	113.14	0.00073
-21.21	106.07	0.00073	-28.28	98.99	0.00071
-35.36	91.92	0.00068	-42.43	84.85	0.00064
-45.96	81.32	0.00061	-49.50	77.78	0.00057
-51.62	75.66	0.00055	-53.03	74.25	0.00054
-54.45	72.83	0.00052	-55.86	71.42	0.00051
-57.28	70.00	0.00049	-70.00	57.28	0.00036
-71.42	55.86	0.00034	-72.83	54.45	0.00033
-74.25	53.03	0.00032	-75.66	51.62	0.00031
-77.78	49.50	0.00029	-81.32	45.96	0.00027
-84.85	42.43	0.00025	-91.92	35.36	0.00021
-98.99	28.28	0.00018	-106.07	21.21	0.00015
-113.14	14.14	0.00013	-120.21	7.07	0.00011
-127.28	0.00	0.00009	-134.35	-7.07	0.00008
14.14	127.28	0.00077	7.07	120.21	0.00079
0.00	113.14	0.00081	-7.07	106.07	0.00081
-14.14	98.99	0.00081	-21.21	91.92	0.00080
-28.28	84.85	0.00077	-35.36	77.78	0.00072
-38.89	74.25	0.00069	-42.43	70.71	0.00065
-44.55	68.59	0.00062	-45.96	67.18	0.00061
-47.38	65.76	0.00059	-48.79	64.35	0.00057
-50.20	62.93	0.00055	-62.93	50.20	0.00040
-64.35	48.79	0.00038	-65.76	47.38	0.00036
-67.18	45.96	0.00035	-68.59	44.55	0.00034
-70.71	42.43	0.00032	-74.25	38.89	0.00029
-77.78	35.36	0.00027	-84.85	28.28	0.00023
-91.92	21.21	0.00019	-98.99	14.14	0.00016

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00013	-113.14	0.00	0.00011
-120.21	-7.07	0.00009	-127.28	-14.14	0.00008
21.21	120.21	0.00084	14.14	113.14	0.00087
7.07	106.07	0.00090	0.00	98.99	0.00091
-7.07	91.92	0.00092	-14.14	84.85	0.00091
-21.21	77.78	0.00088	-28.28	70.71	0.00082
-31.82	67.18	0.00079	-35.36	63.64	0.00074
-37.48	61.52	0.00071	-38.89	60.10	0.00069
-40.31	58.69	0.00067	-41.72	57.28	0.00065
-43.13	55.86	0.00063	-55.86	43.13	0.00044
-57.28	41.72	0.00042	-58.69	40.31	0.00040
-60.10	38.89	0.00039	-61.52	37.48	0.00037

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

19:38:54
 **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	35.36	0.00035	-67.18	31.82	0.00032
-70.71	28.28	0.00029	-77.78	21.21	0.00024
-84.85	14.14	0.00020	-91.92	7.07	0.00016
-98.99	0.00	0.00013	-106.07	-7.07	0.00011
-113.14	-14.14	0.00010	-120.21	-21.21	0.00009
28.28	113.14	0.00092	21.21	106.07	0.00096
14.14	98.99	0.00100	7.07	91.92	0.00102
0.00	84.85	0.00104	-7.07	77.78	0.00103
-14.14	70.71	0.00100	-21.21	63.64	0.00095
-24.75	60.10	0.00091	-28.28	56.57	0.00085
-30.41	54.45	0.00082	-31.82	53.03	0.00080
-33.23	51.62	0.00077	-34.65	50.20	0.00075
-36.06	48.79	0.00072	-48.79	36.06	0.00049
-50.20	34.65	0.00047	-51.62	33.23	0.00044
-53.03	31.82	0.00043	-54.45	30.41	0.00041
-56.57	28.28	0.00038	-60.10	24.75	0.00035
-63.64	21.21	0.00031	-70.71	14.14	0.00026
-77.78	7.07	0.00021	-84.85	0.00	0.00017
-91.92	-7.07	0.00014	-98.99	-14.14	0.00012
-106.07	-21.21	0.00011	-113.14	-28.28	0.00010
35.36	106.07	0.00099	28.28	98.99	0.00106
21.21	91.92	0.00111	14.14	84.85	0.00115

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00118	0.00	70.71	0.00118
-7.07	63.64	0.00116	-14.14	56.57	0.00110
-17.68	53.03	0.00105	-21.21	49.50	0.00099
-23.33	47.38	0.00095	-24.75	45.96	0.00093
-26.16	44.55	0.00090	-27.58	43.13	0.00086
-28.99	41.72	0.00083	-41.72	28.99	0.00055
-43.13	27.58	0.00052	-44.55	26.16	0.00050
-45.96	24.75	0.00047	-47.38	23.33	0.00045
-49.50	21.21	0.00042	-53.03	17.68	0.00038
-56.57	14.14	0.00034	-63.64	7.07	0.00028
-70.71	0.00	0.00022	-77.78	-7.07	0.00017
-84.85	-14.14	0.00014	-91.92	-21.21	0.00013
-98.99	-28.28	0.00012	-106.07	-35.36	0.00011
42.43	98.99	0.00107	35.36	91.92	0.00116
28.28	84.85	0.00124	21.21	77.78	0.00130
14.14	70.71	0.00135	7.07	63.64	0.00136
0.00	56.57	0.00135	-7.07	49.50	0.00129
-10.61	45.96	0.00124	-14.14	42.43	0.00117

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

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

19:38:54
 **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	0.00112	-17.68	38.89	0.00109
-19.09	37.48	0.00105	-20.51	36.06	0.00101
-21.92	34.65	0.00097	-34.65	21.92	0.00062
-36.06	20.51	0.00058	-37.48	19.09	0.00055
-38.89	17.68	0.00053	-40.31	16.26	0.00050
-42.43	14.14	0.00047	-45.96	10.61	0.00042
-49.50	7.07	0.00037	-56.57	0.00	0.00029
-63.64	-7.07	0.00023	-70.71	-14.14	0.00018
-77.78	-21.21	0.00015	-84.85	-28.28	0.00014
-91.92	-35.36	0.00013	-98.99	-42.43	0.00012
49.50	91.92	0.00114	42.43	84.85	0.00126
35.36	77.78	0.00137	28.28	70.71	0.00147
21.21	63.64	0.00154	14.14	56.57	0.00158
7.07	49.50	0.00158	0.00	42.43	0.00153
-3.54	38.89	0.00147	-7.07	35.36	0.00140
-9.19	33.23	0.00134	-10.61	31.82	0.00130

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00125	-13.44	28.99	0.00120
-14.85	27.58	0.00115	-27.58	14.85	0.00070
-28.99	13.44	0.00066	-30.41	12.02	0.00062
-31.82	10.61	0.00059	-33.23	9.19	0.00056
-35.36	7.07	0.00052	-38.89	3.54	0.00046
-42.43	0.00	0.00040	-49.50	-7.07	0.00031
-56.57	-14.14	0.00024	-63.64	-21.21	0.00019
-70.71	-28.28	0.00017	-77.78	-35.36	0.00015
-84.85	-42.43	0.00014	-91.92	-49.50	0.00013
56.57	84.85	0.00121	49.50	77.78	0.00135
42.43	70.71	0.00150	35.36	63.64	0.00164
28.28	56.57	0.00177	21.21	49.50	0.00185
14.14	42.43	0.00187	7.07	35.36	0.00183
3.54	31.82	0.00178	0.00	28.28	0.00169
-2.12	26.16	0.00162	-3.54	24.75	0.00157
-4.95	23.33	0.00152	-6.36	21.92	0.00146
-7.78	20.51	0.00139	-20.51	7.78	0.00080
-21.92	6.36	0.00075	-23.33	4.95	0.00070
-24.75	3.54	0.00066	-26.16	2.12	0.00062
-28.28	0.00	0.00057	-31.82	-3.54	0.00050
-35.36	-7.07	0.00043	-42.43	-14.14	0.00032
-49.50	-21.21	0.00025	-56.57	-28.28	0.00021
-63.64	-35.36	0.00018	-70.71	-42.43	0.00017
-77.78	-49.50	0.00015	-84.85	-56.57	0.00014

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

19:38:54
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00126	56.57	70.71	0.00143
49.50	63.64	0.00162	42.43	56.57	0.00182
35.36	49.50	0.00201	28.28	42.43	0.00216
21.21	35.36	0.00223	14.14	28.28	0.00222
10.61	24.75	0.00217	7.07	21.21	0.00208
4.95	19.09	0.00200	3.54	17.68	0.00194
2.12	16.26	0.00187	0.71	14.85	0.00179
-0.71	13.44	0.00171	-13.44	0.71	0.00091
-14.85	-0.71	0.00085	-16.26	-2.12	0.00079
-17.68	-3.54	0.00074	-19.09	-4.95	0.00070

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00063	-24.75	-10.61	0.00054
-28.28	-14.14	0.00046	-35.36	-21.21	0.00034
-42.43	-28.28	0.00027	-49.50	-35.36	0.00023
-56.57	-42.43	0.00020	-63.64	-49.50	0.00018
-70.71	-56.57	0.00016	-77.78	-63.64	0.00015
70.71	70.71	0.00130	63.64	63.64	0.00150
56.57	56.57	0.00173	49.50	49.50	0.00198
42.43	42.43	0.00224	35.36	35.36	0.00249
28.28	28.28	0.00267	21.21	21.21	0.00272
17.68	17.68	0.00268	14.14	14.14	0.00259
12.02	12.02	0.00250	10.61	10.61	0.00243
9.19	9.19	0.00235	7.78	7.78	0.00225
6.36	6.36	0.00214	-6.36	-6.36	0.00105
-7.78	-7.78	0.00097	-9.19	-9.19	0.00090
-10.61	-10.61	0.00083	-12.02	-12.02	0.00077
-14.14	-14.14	0.00069	-17.68	-17.68	0.00057
-21.21	-21.21	0.00048	-28.28	-28.28	0.00036
-35.36	-35.36	0.00030	-42.43	-42.43	0.00025
-49.50	-49.50	0.00022	-56.57	-56.57	0.00020
-63.64	-63.64	0.00018	-70.71	-70.71	0.00016
77.78	63.64	0.00133	70.71	56.57	0.00155
63.64	49.50	0.00182	56.57	42.43	0.00212
49.50	35.36	0.00246	42.43	28.28	0.00282
35.36	21.21	0.00317	28.28	14.14	0.00337
24.75	10.61	0.00337	21.21	7.07	0.00329
19.09	4.95	0.00320	17.68	3.54	0.00312
16.26	2.12	0.00302	14.85	0.71	0.00289
13.44	-0.71	0.00275	0.71	-13.44	0.00121
-0.71	-14.85	0.00110	-2.12	-16.26	0.00100
-3.54	-17.68	0.00092	-4.95	-19.09	0.00084

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

19:38:54
 **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	-21.21	0.00074	-10.61	-24.75	0.00061
-14.14	-28.28	0.00051	-21.21	-35.36	0.00040
-28.28	-42.43	0.00033	-35.36	-49.50	0.00028
-42.43	-56.57	0.00024	-49.50	-63.64	0.00021

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00019	-63.64	-77.78	0.00017
84.85	56.57	0.00135	77.78	49.50	0.00159
70.71	42.43	0.00188	63.64	35.36	0.00223
56.57	28.28	0.00264	49.50	21.21	0.00312
42.43	14.14	0.00364	35.36	7.07	0.00411
31.82	3.54	0.00424	28.28	0.00	0.00425
26.16	-2.12	0.00417	24.75	-3.54	0.00409
23.33	-4.95	0.00397	21.92	-6.36	0.00383
20.51	-7.78	0.00364	7.78	-20.51	0.00137
6.36	-21.92	0.00122	4.95	-23.33	0.00110
3.54	-24.75	0.00099	2.12	-26.16	0.00090
0.00	-28.28	0.00079	-3.54	-31.82	0.00065
-7.07	-35.36	0.00056	-14.14	-42.43	0.00043
-21.21	-49.50	0.00035	-28.28	-56.57	0.00030
-35.36	-63.64	0.00026	-42.43	-70.71	0.00023
-49.50	-77.78	0.00021	-56.57	-84.85	0.00018
91.92	49.50	0.00136	84.85	42.43	0.00161
77.78	35.36	0.00193	70.71	28.28	0.00232
63.64	21.21	0.00279	56.57	14.14	0.00336
49.50	7.07	0.00404	42.43	0.00	0.00479
38.89	-3.54	0.00515	35.36	-7.07	0.00541
33.23	-9.19	0.00548	31.82	-10.61	0.00546
30.41	-12.02	0.00538	28.99	-13.44	0.00523
27.58	-14.85	0.00501	14.85	-27.58	0.00150
13.44	-28.99	0.00132	12.02	-30.41	0.00117
10.61	-31.82	0.00106	9.19	-33.23	0.00097
7.07	-35.36	0.00085	3.54	-38.89	0.00071
0.00	-42.43	0.00061	-7.07	-49.50	0.00047
-14.14	-56.57	0.00039	-21.21	-63.64	0.00033
-28.28	-70.71	0.00029	-35.36	-77.78	0.00025
-42.43	-84.85	0.00022	-49.50	-91.92	0.00019
98.99	42.43	0.00135	91.92	35.36	0.00162
84.85	28.28	0.00195	77.78	21.21	0.00237
70.71	14.14	0.00290	63.64	7.07	0.00356
56.57	0.00	0.00438	49.50	-7.07	0.00535
45.96	-10.61	0.00589	42.43	-14.14	0.00642

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

19:38:54
 **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 ***

11NCRA_SR01-300_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	0.00671	38.89	-17.68	0.00687
37.48	-19.09	0.00701	36.06	-20.51	0.00710
34.65	-21.92	0.00709	21.92	-34.65	0.00162
20.51	-36.06	0.00142	19.09	-37.48	0.00126
17.68	-38.89	0.00114	16.26	-40.31	0.00104
14.14	-42.43	0.00091	10.61	-45.96	0.00076
7.07	-49.50	0.00066	0.00	-56.57	0.00051
-7.07	-63.64	0.00043	-14.14	-70.71	0.00036
-21.21	-77.78	0.00031	-28.28	-84.85	0.00027
-35.36	-91.92	0.00023	-42.43	-98.99	0.00020
106.07	35.36	0.00135	98.99	28.28	0.00161
91.92	21.21	0.00195	84.85	14.14	0.00240
77.78	7.07	0.00297	70.71	0.00	0.00371
63.64	-7.07	0.00464	56.57	-14.14	0.00580
53.03	-17.68	0.00648	49.50	-21.21	0.00719
47.38	-23.33	0.00761	45.96	-24.75	0.00788
44.55	-26.16	0.00814	43.13	-27.58	0.00844
41.72	-28.99	0.00874	28.99	-41.72	0.00180
27.58	-43.13	0.00155	26.16	-44.55	0.00136
24.75	-45.96	0.00122	23.33	-47.38	0.00111
21.21	-49.50	0.00097	17.68	-53.03	0.00081
14.14	-56.57	0.00069	7.07	-63.64	0.00055
0.00	-70.71	0.00045	-7.07	-77.78	0.00038
-14.14	-84.85	0.00033	-21.21	-91.92	0.00028
-28.28	-98.99	0.00024	-35.36	-106.07	0.00020
113.14	28.28	0.00133	106.07	21.21	0.00159
98.99	14.14	0.00193	91.92	7.07	0.00239
84.85	0.00	0.00298	77.78	-7.07	0.00377
70.71	-14.14	0.00478	63.64	-21.21	0.00605
60.10	-24.75	0.00679	56.57	-28.28	0.00758
54.45	-30.41	0.00806	53.03	-31.82	0.00836
51.62	-33.23	0.00865	50.20	-34.65	0.00896
48.79	-36.06	0.00930	36.06	-48.79	0.00218
34.65	-50.20	0.00185	33.23	-51.62	0.00160
31.82	-53.03	0.00142	30.41	-54.45	0.00127
28.28	-56.57	0.00110	24.75	-60.10	0.00090
21.21	-63.64	0.00077	14.14	-70.71	0.00061
7.07	-77.78	0.00050	0.00	-84.85	0.00042
-7.07	-91.92	0.00035	-14.14	-98.99	0.00029
-21.21	-106.07	0.00024	-28.28	-113.14	0.00021

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

*** NCRA Cumulative DPM Impacts

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

19:38:54
 **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	
120.21	21.21	0.00131	113.14	14.14	0.00156	
106.07	7.07	0.00189	98.99	0.00	0.00233	
91.92	-7.07	0.00292	84.85	-14.14	0.00371	
77.78	-21.21	0.00475	70.71	-28.28	0.00609	
67.18	-31.82	0.00685	63.64	-35.36	0.00768	
61.52	-37.48	0.00819	60.10	-38.89	0.00853	
58.69	-40.31	0.00885	57.28	-41.72	0.00919	
55.86	-43.13	0.00958	43.13	-55.86	0.00257	
41.72	-57.28	0.00218	40.31	-58.69	0.00189	
38.89	-60.10	0.00167	37.48	-61.52	0.00149	
35.36	-63.64	0.00129	31.82	-67.18	0.00106	
28.28	-70.71	0.00089	21.21	-77.78	0.00069	
14.14	-84.85	0.00056	7.07	-91.92	0.00045	
0.00	-98.99	0.00037	-7.07	-106.07	0.00031	
-14.14	-113.14	0.00026	-21.21	-120.21	0.00022	
127.28	14.14	0.00128	120.21	7.07	0.00151	
113.14	0.00	0.00182	106.07	-7.07	0.00223	
98.99	-14.14	0.00279	91.92	-21.21	0.00355	
84.85	-28.28	0.00459	77.78	-35.36	0.00594	
74.25	-38.89	0.00673	70.71	-42.43	0.00758	
68.59	-44.55	0.00813	67.18	-45.96	0.00850	
65.76	-47.38	0.00887	64.35	-48.79	0.00924	
62.93	-50.20	0.00966	50.20	-62.93	0.00289	
48.79	-64.35	0.00247	47.38	-65.76	0.00216	
45.96	-67.18	0.00191	44.55	-68.59	0.00171	
42.43	-70.71	0.00148	38.89	-74.25	0.00122	
35.36	-77.78	0.00104	28.28	-84.85	0.00079	
21.21	-91.92	0.00062	14.14	-98.99	0.00049	
7.07	-106.07	0.00040	0.00	-113.14	0.00033	
-7.07	-120.21	0.00028	-14.14	-127.28	0.00024	
134.35	7.07	0.00123	127.28	0.00	0.00146	
120.21	-7.07	0.00174	113.14	-14.14	0.00212	
106.07	-21.21	0.00262	98.99	-28.28	0.00331	
91.92	-35.36	0.00427	84.85	-42.43	0.00559	
81.32	-45.96	0.00640	77.78	-49.50	0.00730	
75.66	-51.62	0.00787	74.25	-53.03	0.00826	

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00866	71.42	-55.86	0.00907
70.00	-57.28	0.00953	57.28	-70.00	0.00311
55.86	-71.42	0.00269	54.45	-72.83	0.00237
53.03	-74.25	0.00211	51.62	-75.66	0.00191

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

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

19:38:54

**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	0.00167	45.96	-81.32	0.00138
42.43	-84.85	0.00117	35.36	-91.92	0.00089
28.28	-98.99	0.00068	21.21	-106.07	0.00053
14.14	-113.14	0.00043	7.07	-120.21	0.00035
0.00	-127.28	0.00029	-7.07	-134.35	0.00025
141.42	0.00	0.00118	134.35	-7.07	0.00139
127.28	-14.14	0.00165	120.21	-21.21	0.00198
113.14	-28.28	0.00242	106.07	-35.36	0.00301
98.99	-42.43	0.00384	91.92	-49.50	0.00505
88.39	-53.03	0.00585	84.85	-56.57	0.00676
82.73	-58.69	0.00736	81.32	-60.10	0.00777
79.90	-61.52	0.00820	78.49	-62.93	0.00865
77.07	-64.35	0.00914	64.35	-77.07	0.00324
62.93	-78.49	0.00283	61.52	-79.90	0.00252
60.10	-81.32	0.00227	58.69	-82.73	0.00207
56.57	-84.85	0.00183	53.03	-88.39	0.00152
49.50	-91.92	0.00129	42.43	-98.99	0.00096
35.36	-106.07	0.00074	28.28	-113.14	0.00058
21.21	-120.21	0.00046	14.14	-127.28	0.00038
7.07	-134.35	0.00031	0.00	-141.42	0.00026
148.49	-7.07	0.00113	141.42	-14.14	0.00131
134.35	-21.21	0.00155	127.28	-28.28	0.00184
120.21	-35.36	0.00222	113.14	-42.43	0.00271
106.07	-49.50	0.00338	98.99	-56.57	0.00437
95.46	-60.10	0.00505	91.92	-63.64	0.00590
89.80	-65.76	0.00650	88.39	-67.18	0.00693
86.97	-68.59	0.00738	85.56	-70.00	0.00787
84.15	-71.42	0.00842	71.42	-84.15	0.00330
70.00	-85.56	0.00292	68.59	-86.97	0.00263
67.18	-88.39	0.00240	65.76	-89.80	0.00220

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00195	60.10	-95.46	0.00163
56.57	-98.99	0.00138	49.50	-106.07	0.00103
42.43	-113.14	0.00079	35.36	-120.21	0.00063
28.28	-127.28	0.00050	21.21	-134.35	0.00040
14.14	-141.42	0.00033	7.07	-148.49	0.00027
155.56	-14.14	0.00106	148.49	-21.21	0.00123
141.42	-28.28	0.00144	134.35	-35.36	0.00169
127.28	-42.43	0.00201	120.21	-49.50	0.00241
113.14	-56.57	0.00294	106.07	-63.64	0.00367
102.53	-67.18	0.00416	98.99	-70.71	0.00478

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

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

19:38:54
 **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	0.00526	95.46	-74.25	0.00563
94.05	-75.66	0.00606	92.63	-77.07	0.00656
91.22	-78.49	0.00715	78.49	-91.22	0.00332
77.07	-92.63	0.00298	75.66	-94.05	0.00270
74.25	-95.46	0.00248	72.83	-96.87	0.00228
70.71	-98.99	0.00203	67.18	-102.53	0.00170
63.64	-106.07	0.00145	56.57	-113.14	0.00108
49.50	-120.21	0.00083	42.43	-127.28	0.00066
35.36	-134.35	0.00053	28.28	-141.42	0.00042
21.21	-148.49	0.00035	14.14	-155.56	0.00029
162.63	-21.21	0.00100	155.56	-28.28	0.00114
148.49	-35.36	0.00132	141.42	-42.43	0.00153
134.35	-49.50	0.00179	127.28	-56.57	0.00211
120.21	-63.64	0.00253	113.14	-70.71	0.00305
109.60	-74.25	0.00337	106.07	-77.78	0.00375
103.94	-79.90	0.00402	102.53	-81.32	0.00422
101.12	-82.73	0.00446	99.70	-84.15	0.00475
98.29	-85.56	0.00515	85.56	-98.29	0.00331
84.15	-99.70	0.00299	82.73	-101.12	0.00272
81.32	-102.53	0.00251	79.90	-103.94	0.00232
77.78	-106.07	0.00207	74.25	-109.60	0.00175
70.71	-113.14	0.00149	63.64	-120.21	0.00112
56.57	-127.28	0.00086	49.50	-134.35	0.00068
42.43	-141.42	0.00055	35.36	-148.49	0.00045

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00037	21.21	-162.63	0.00030
169.71	-28.28	0.00092	162.63	-35.36	0.00104
155.56	-42.43	0.00119	148.49	-49.50	0.00136
141.42	-56.57	0.00157	134.35	-63.64	0.00182
127.28	-70.71	0.00212	120.21	-77.78	0.00247
116.67	-81.32	0.00267	113.14	-84.85	0.00288
111.02	-86.97	0.00303	109.60	-88.39	0.00313
108.19	-89.80	0.00325	106.77	-91.22	0.00338
105.36	-92.63	0.00353	92.63	-105.36	0.00320
91.22	-106.77	0.00293	89.80	-108.19	0.00270
88.39	-109.60	0.00250	86.97	-111.02	0.00232
84.85	-113.14	0.00210	81.32	-116.67	0.00178
77.78	-120.21	0.00153	70.71	-127.28	0.00116
63.64	-134.35	0.00090	56.57	-141.42	0.00071
49.50	-148.49	0.00057	42.43	-155.56	0.00047
35.36	-162.63	0.00039	28.28	-169.71	0.00032

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at 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
176.78	-35.36	0.00084	169.71	-42.43	0.00094
162.63	-49.50	0.00106	155.56	-56.57	0.00120
148.49	-63.64	0.00136	141.42	-70.71	0.00156
134.35	-77.78	0.00178	127.28	-84.85	0.00203
123.74	-88.39	0.00217	120.21	-91.92	0.00233
118.09	-94.05	0.00244	116.67	-95.46	0.00253
115.26	-96.87	0.00262	113.84	-98.29	0.00273
112.43	-99.70	0.00284	99.70	-112.43	0.00281
98.29	-113.84	0.00265	96.87	-115.26	0.00249
95.46	-116.67	0.00235	94.05	-118.09	0.00220
91.92	-120.21	0.00201	88.39	-123.74	0.00174
84.85	-127.28	0.00151	77.78	-134.35	0.00116
70.71	-141.42	0.00090	63.64	-148.49	0.00072
56.57	-155.56	0.00058	49.50	-162.63	0.00048
42.43	-169.71	0.00040	35.36	-176.78	0.00034
183.85	-42.43	0.00076	176.78	-49.50	0.00084
169.71	-56.57	0.00094	162.63	-63.64	0.00106
155.56	-70.71	0.00119	148.49	-77.78	0.00134

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00151	134.35	-91.92	0.00171
130.81	-95.46	0.00183	127.28	-98.99	0.00197
125.16	-101.12	0.00207	123.74	-102.53	0.00214
122.33	-103.94	0.00221	120.92	-105.36	0.00229
119.50	-106.77	0.00237	106.77	-119.50	0.00240
105.36	-120.92	0.00230	103.94	-122.33	0.00220
102.53	-123.74	0.00210	101.12	-125.16	0.00199
98.99	-127.28	0.00185	95.46	-130.81	0.00162
91.92	-134.35	0.00143	84.85	-141.42	0.00113
77.78	-148.49	0.00089	70.71	-155.56	0.00072
63.64	-162.63	0.00058	56.57	-169.71	0.00048
49.50	-176.78	0.00040	42.43	-183.85	0.00034
190.92	-49.50	0.00069	183.85	-56.57	0.00076
176.78	-63.64	0.00084	169.71	-70.71	0.00093
162.63	-77.78	0.00104	155.56	-84.85	0.00116
148.49	-91.92	0.00130	141.42	-98.99	0.00147
137.89	-102.53	0.00158	134.35	-106.07	0.00169
132.23	-108.19	0.00177	130.81	-109.60	0.00182
129.40	-111.02	0.00188	127.99	-112.43	0.00193
126.57	-113.84	0.00199	113.84	-126.57	0.00202
112.43	-127.99	0.00197	111.02	-129.40	0.00190
109.60	-130.81	0.00183	108.19	-132.23	0.00176

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at 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	0.00166	102.53	-137.89	0.00148
98.99	-141.42	0.00132	91.92	-148.49	0.00106
84.85	-155.56	0.00086	77.78	-162.63	0.00070
70.71	-169.71	0.00058	63.64	-176.78	0.00048
56.57	-183.85	0.00040	49.50	-190.92	0.00034
197.99	-56.57	0.00062	190.92	-63.64	0.00068
183.85	-70.71	0.00075	176.78	-77.78	0.00083
169.71	-84.85	0.00092	162.63	-91.92	0.00101
155.56	-98.99	0.00113	148.49	-106.07	0.00128
144.96	-109.60	0.00137	141.42	-113.14	0.00146
139.30	-115.26	0.00152	137.89	-116.67	0.00156
136.47	-118.09	0.00160	135.06	-119.50	0.00164

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00168	120.92	-133.64	0.00170
119.50	-135.06	0.00167	118.09	-136.47	0.00163
116.67	-137.89	0.00158	115.26	-139.30	0.00154
113.14	-141.42	0.00146	109.60	-144.96	0.00133
106.07	-148.49	0.00121	98.99	-155.56	0.00098
91.92	-162.63	0.00081	84.85	-169.71	0.00067
77.78	-176.78	0.00056	70.71	-183.85	0.00047
63.64	-190.92	0.00040	56.57	-197.99	0.00034
205.06	-63.64	0.00057	197.99	-70.71	0.00062
190.92	-77.78	0.00067	183.85	-84.85	0.00074
176.78	-91.92	0.00081	169.71	-98.99	0.00090
162.63	-106.07	0.00100	155.56	-113.14	0.00112
152.03	-116.67	0.00119	148.49	-120.21	0.00126
146.37	-122.33	0.00131	144.96	-123.74	0.00134
143.54	-125.16	0.00137	142.13	-126.57	0.00140
140.71	-127.99	0.00142	127.99	-140.71	0.00144
126.57	-142.13	0.00142	125.16	-143.54	0.00139
123.74	-144.96	0.00136	122.33	-146.37	0.00133
120.21	-148.49	0.00128	116.67	-152.03	0.00118
113.14	-155.56	0.00109	106.07	-162.63	0.00091
98.99	-169.71	0.00076	91.92	-176.78	0.00064
84.85	-183.85	0.00054	77.78	-190.92	0.00046
70.71	-197.99	0.00039	63.64	-205.06	0.00034
212.13	-70.71	0.00052	205.06	-77.78	0.00056
197.99	-84.85	0.00061	190.92	-91.92	0.00066
183.85	-98.99	0.00073	176.78	-106.07	0.00080
169.71	-113.14	0.00089	162.63	-120.21	0.00099
159.10	-123.74	0.00104	155.56	-127.28	0.00110

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

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

19:38:54
 **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	0.00114	152.03	-130.81	0.00116
150.61	-132.23	0.00118	149.20	-133.64	0.00120
147.79	-135.06	0.00122	135.06	-147.79	0.00123
133.64	-149.20	0.00121	132.23	-150.61	0.00120
130.81	-152.03	0.00118	129.40	-153.44	0.00116
127.28	-155.56	0.00112	123.74	-159.10	0.00105

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00098	113.14	-169.71	0.00083
106.07	-176.78	0.00070	98.99	-183.85	0.00060
91.92	-190.92	0.00051	84.85	-197.99	0.00044
77.78	-205.06	0.00038	70.71	-212.13	0.00033
219.20	-77.78	0.00047	212.13	-84.85	0.00051
205.06	-91.92	0.00055	197.99	-98.99	0.00060
190.92	-106.07	0.00066	183.85	-113.14	0.00072
176.78	-120.21	0.00079	169.71	-127.28	0.00087
166.17	-130.81	0.00091	162.63	-134.35	0.00096
160.51	-136.47	0.00099	159.10	-137.89	0.00101
157.68	-139.30	0.00102	156.27	-140.71	0.00104
154.86	-142.13	0.00105	142.13	-154.86	0.00106
140.71	-156.27	0.00105	139.30	-157.68	0.00104
137.89	-159.10	0.00102	136.47	-160.51	0.00101
134.35	-162.63	0.00098	130.81	-166.17	0.00093
127.28	-169.71	0.00087	120.21	-176.78	0.00076
113.14	-183.85	0.00065	106.07	-190.92	0.00056
98.99	-197.99	0.00048	91.92	-205.06	0.00042
84.85	-212.13	0.00037	77.78	-219.20	0.00032
226.27	-84.85	0.00043	219.20	-91.92	0.00046
212.13	-98.99	0.00050	205.06	-106.07	0.00055
197.99	-113.14	0.00060	190.92	-120.21	0.00065
183.85	-127.28	0.00071	176.78	-134.35	0.00077
173.24	-137.89	0.00081	169.71	-141.42	0.00085
167.58	-143.54	0.00087	166.17	-144.96	0.00088
164.76	-146.37	0.00089	163.34	-147.79	0.00090
161.93	-149.20	0.00091	149.20	-161.93	0.00092
147.79	-163.34	0.00091	146.37	-164.76	0.00090
144.96	-166.17	0.00089	143.54	-167.58	0.00088
141.42	-169.71	0.00086	137.89	-173.24	0.00083
134.35	-176.78	0.00078	127.28	-183.85	0.00069
120.21	-190.92	0.00061	113.14	-197.99	0.00053
106.07	-205.06	0.00046	98.99	-212.13	0.00040
91.92	-219.20	0.00035	84.85	-226.27	0.00031

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

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

19:38:54

**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
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11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00039	226.27	-98.99	0.00042
219.20	-106.07	0.00046	212.13	-113.14	0.00050
205.06	-120.21	0.00054	197.99	-127.28	0.00059
190.92	-134.35	0.00063	183.85	-141.42	0.00069
180.31	-144.96	0.00072	176.78	-148.49	0.00075
174.66	-150.61	0.00077	173.24	-152.03	0.00078
171.83	-153.44	0.00079	170.41	-154.86	0.00079
169.00	-156.27	0.00080	156.27	-169.00	0.00080
154.86	-170.41	0.00080	153.44	-171.83	0.00079
152.03	-173.24	0.00079	150.61	-174.66	0.00078
148.49	-176.78	0.00076	144.96	-180.31	0.00074
141.42	-183.85	0.00070	134.35	-190.92	0.00063
127.28	-197.99	0.00056	120.21	-205.06	0.00049
113.14	-212.13	0.00043	106.07	-219.20	0.00038
98.99	-226.27	0.00033	91.92	-233.35	0.00030
240.42	-98.99	0.00036	233.35	-106.07	0.00039
226.27	-113.14	0.00043	219.20	-120.21	0.00046
212.13	-127.28	0.00049	205.06	-134.35	0.00053
197.99	-141.42	0.00057	190.92	-148.49	0.00062
187.38	-152.03	0.00065	183.85	-155.56	0.00067
181.73	-157.68	0.00068	180.31	-159.10	0.00069
178.90	-160.51	0.00070	177.48	-161.93	0.00070
176.07	-163.34	0.00071	163.34	-176.07	0.00071
161.93	-177.48	0.00071	160.51	-178.90	0.00070
159.10	-180.31	0.00070	157.68	-181.73	0.00069
155.56	-183.85	0.00068	152.03	-187.38	0.00066
148.49	-190.92	0.00063	141.42	-197.99	0.00058
134.35	-205.06	0.00052	127.28	-212.13	0.00046
120.21	-219.20	0.00041	113.14	-226.27	0.00036
106.07	-233.35	0.00032	98.99	-240.42	0.00028
247.49	-106.07	0.00034	240.42	-113.14	0.00037
233.35	-120.21	0.00039	226.27	-127.28	0.00042
219.20	-134.35	0.00045	212.13	-141.42	0.00048
205.06	-148.49	0.00052	197.99	-155.56	0.00056
194.45	-159.10	0.00058	190.92	-162.63	0.00060
188.80	-164.76	0.00061	187.38	-166.17	0.00062
185.97	-167.58	0.00062	184.55	-169.00	0.00062
183.14	-170.41	0.00063	170.41	-183.14	0.00063
169.00	-184.55	0.00063	167.58	-185.97	0.00062
166.17	-187.38	0.00062	164.76	-188.80	0.00062

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00061	159.10	-194.45	0.00059	
155.56	-197.99	0.00057	148.49	-205.06	0.00053	
141.42	-212.13	0.00048	134.35	-219.20	0.00043	
127.28	-226.27	0.00038	120.21	-233.35	0.00034	
113.14	-240.42	0.00030	106.07	-247.49	0.00027	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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_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	0.00039	-113.14	240.42	0.00039	
-120.21	233.35	0.00039	-127.28	226.27	0.00038	
-134.35	219.20	0.00037	-141.42	212.13	0.00035	
-148.49	205.06	0.00033	-155.56	197.99	0.00031	
-159.10	194.45	0.00030	-162.63	190.92	0.00028	
-164.76	188.80	0.00028	-166.17	187.38	0.00027	
-167.58	185.97	0.00026	-169.00	184.55	0.00026	
-170.41	183.14	0.00025	-183.14	170.41	0.00020	
-184.55	169.00	0.00020	-185.97	167.58	0.00019	
-187.38	166.17	0.00019	-188.80	164.76	0.00018	
-190.92	162.63	0.00017	-194.45	159.10	0.00016	
-197.99	155.56	0.00015	-205.06	148.49	0.00014	
-212.13	141.42	0.00012	-219.20	134.35	0.00011	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00008	-247.49	106.07	0.00007	
-98.99	240.42	0.00042	-106.07	233.35	0.00042	
-113.14	226.27	0.00042	-120.21	219.20	0.00041	
-127.28	212.13	0.00040	-134.35	205.06	0.00039	
-141.42	197.99	0.00037	-148.49	190.92	0.00034	
-152.03	187.38	0.00032	-155.56	183.85	0.00031	
-157.68	181.73	0.00030	-159.10	180.31	0.00029	
-160.51	178.90	0.00029	-161.93	177.48	0.00028	
-163.34	176.07	0.00027	-176.07	163.34	0.00022	

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00021	-178.90	160.51	0.00020
-180.31	159.10	0.00020	-181.73	157.68	0.00019
-183.85	155.56	0.00019	-187.38	152.03	0.00017
-190.92	148.49	0.00016	-197.99	141.42	0.00014
-205.06	134.35	0.00013	-212.13	127.28	0.00012
-219.20	120.21	0.00010	-226.27	113.14	0.00009
-233.35	106.07	0.00008	-240.42	98.99	0.00007
-91.92	233.35	0.00046	-98.99	226.27	0.00046
-106.07	219.20	0.00046	-113.14	212.13	0.00045
-120.21	205.06	0.00044	-127.28	197.99	0.00042
-134.35	190.92	0.00040	-141.42	183.85	0.00037
-144.96	180.31	0.00036	-148.49	176.78	0.00034
-150.61	174.66	0.00033	-152.03	173.24	0.00032
-153.44	171.83	0.00031	-154.86	170.41	0.00031
-156.27	169.00	0.00030	-169.00	156.27	0.00023
-170.41	154.86	0.00023	-171.83	153.44	0.00022
-173.24	152.03	0.00021	-174.66	150.61	0.00021

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

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

19:38:54

**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	0.00020	-180.31	144.96	0.00019
-183.85	141.42	0.00017	-190.92	134.35	0.00015
-197.99	127.28	0.00014	-205.06	120.21	0.00012
-212.13	113.14	0.00011	-219.20	106.07	0.00009
-226.27	99.00	0.00008	-233.35	91.92	0.00007
-84.85	226.27	0.00050	-91.92	219.20	0.00050
-98.99	212.13	0.00050	-106.07	205.06	0.00049
-113.14	197.99	0.00048	-120.21	190.92	0.00047
-127.28	183.85	0.00044	-134.35	176.78	0.00041
-137.89	173.24	0.00039	-141.42	169.71	0.00037
-143.54	167.58	0.00036	-144.96	166.17	0.00035
-146.37	164.76	0.00034	-147.79	163.34	0.00033
-149.20	161.93	0.00033	-161.93	149.20	0.00025
-163.34	147.79	0.00024	-164.76	146.37	0.00024
-166.17	144.96	0.00023	-167.58	143.54	0.00022
-169.71	141.42	0.00021	-173.24	137.89	0.00020
-176.78	134.35	0.00019	-183.85	127.28	0.00016

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00066	-84.85	183.85	0.00066
-91.92	176.78	0.00065	-98.99	169.71	0.00064
-106.07	162.63	0.00061	-113.14	155.56	0.00056
-116.67	152.03	0.00054	-120.21	148.49	0.00051
-122.33	146.37	0.00049	-123.74	144.96	0.00048
-125.16	143.54	0.00047	-126.57	142.13	0.00045
-127.99	140.71	0.00044	-140.71	127.99	0.00033
-142.13	126.57	0.00031	-143.54	125.16	0.00030
-144.96	123.74	0.00029	-146.37	122.33	0.00028
-148.49	120.21	0.00027	-152.03	116.67	0.00025
-155.56	113.14	0.00023	-162.63	106.07	0.00020
-169.71	98.99	0.00017	-176.78	91.92	0.00015
-183.85	84.85	0.00012	-190.92	77.78	0.00010
-197.99	70.71	0.00009	-205.06	63.64	0.00008
-56.57	197.99	0.00070	-63.64	190.92	0.00072
-70.71	183.85	0.00073	-77.78	176.78	0.00073
-84.85	169.71	0.00073	-91.92	162.63	0.00071
-98.99	155.56	0.00068	-106.07	148.49	0.00064
-109.60	144.96	0.00061	-113.14	141.42	0.00057
-115.26	139.30	0.00055	-116.67	137.89	0.00054
-118.09	136.47	0.00052	-119.50	135.06	0.00051
-120.92	133.64	0.00049	-133.64	120.92	0.00036
-135.06	119.50	0.00034	-136.47	118.09	0.00033
-137.89	116.67	0.00032	-139.30	115.26	0.00031
-141.42	113.14	0.00029	-144.96	109.60	0.00027
-148.49	106.07	0.00025	-155.56	98.99	0.00021
-162.63	91.92	0.00018	-169.71	84.85	0.00015
-176.78	77.78	0.00013	-183.85	70.71	0.00011
-190.92	63.64	0.00009	-197.99	56.57	0.00008

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

19:38:54
 **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	190.92	0.00077	-56.57	183.85	0.00079
-63.64	176.78	0.00081	-70.71	169.71	0.00081
-77.78	162.63	0.00081	-84.85	155.56	0.00080
-91.92	148.49	0.00077	-98.99	141.42	0.00072
-102.53	137.89	0.00069	-106.07	134.35	0.00065

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00062	-109.60	130.81	0.00061
-111.02	129.40	0.00059	-112.43	127.99	0.00057
-113.84	126.57	0.00055	-126.57	113.84	0.00040
-127.99	112.43	0.00038	-129.40	111.02	0.00036
-130.81	109.60	0.00035	-132.23	108.19	0.00034
-134.35	106.07	0.00032	-137.89	102.53	0.00029
-141.42	98.99	0.00027	-148.49	91.92	0.00023
-155.56	84.85	0.00019	-162.63	77.78	0.00016
-169.71	70.71	0.00013	-176.78	63.64	0.00011
-183.85	56.57	0.00009	-190.92	49.50	0.00008
-42.43	183.85	0.00084	-49.50	176.78	0.00087
-56.57	169.71	0.00090	-63.64	162.63	0.00091
-70.71	155.56	0.00092	-77.78	148.49	0.00091
-84.85	141.42	0.00088	-91.92	134.35	0.00082
-95.46	130.81	0.00079	-98.99	127.28	0.00074
-101.12	125.16	0.00071	-102.53	123.74	0.00069
-103.94	122.33	0.00067	-105.36	120.92	0.00065
-106.77	119.50	0.00063	-119.50	106.77	0.00044
-120.92	105.36	0.00042	-122.33	103.94	0.00040
-123.74	102.53	0.00039	-125.16	101.12	0.00037
-127.28	98.99	0.00035	-130.81	95.46	0.00032
-134.35	91.92	0.00029	-141.42	84.85	0.00024
-148.49	77.78	0.00020	-155.56	70.71	0.00016
-162.63	63.64	0.00013	-169.71	56.57	0.00011
-176.78	49.50	0.00010	-183.85	42.43	0.00009
-35.36	176.78	0.00092	-42.43	169.71	0.00096
-49.50	162.63	0.00100	-56.57	155.56	0.00102
-63.64	148.49	0.00104	-70.71	141.42	0.00103
-77.78	134.35	0.00100	-84.85	127.28	0.00095
-88.39	123.74	0.00091	-91.92	120.21	0.00085
-94.05	118.09	0.00082	-95.46	116.67	0.00080
-96.87	115.26	0.00077	-98.29	113.84	0.00075
-99.70	112.43	0.00072	-112.43	99.70	0.00049
-113.84	98.29	0.00047	-115.26	96.87	0.00044
-116.67	95.46	0.00043	-118.09	94.05	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:38:54
 **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 **

11NCRA_SR01-300_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	0.00035
-127.28	84.85	0.00031	-134.35	77.78	0.00026
-141.42	70.71	0.00021	-148.49	63.64	0.00017
-155.56	56.57	0.00014	-162.63	49.50	0.00012
-169.71	42.43	0.00011	-176.78	35.36	0.00010
-28.28	169.71	0.00099	-35.36	162.63	0.00106
-42.43	155.56	0.00111	-49.50	148.49	0.00115
-56.57	141.42	0.00118	-63.64	134.35	0.00118
-70.71	127.28	0.00116	-77.78	120.21	0.00110
-81.32	116.67	0.00105	-84.85	113.14	0.00099
-86.97	111.02	0.00095	-88.39	109.60	0.00093
-89.80	108.19	0.00090	-91.22	106.77	0.00086
-92.63	105.36	0.00083	-105.36	92.63	0.00055
-106.77	91.22	0.00052	-108.19	89.80	0.00050
-109.60	88.39	0.00047	-111.02	86.97	0.00045
-113.14	84.85	0.00042	-116.67	81.32	0.00038
-120.21	77.78	0.00034	-127.28	70.71	0.00028
-134.35	63.64	0.00022	-141.42	56.57	0.00017
-148.49	49.50	0.00014	-155.56	42.43	0.00013
-162.63	35.36	0.00012	-169.71	28.28	0.00011
-21.21	162.63	0.00107	-28.28	155.56	0.00116
-35.36	148.49	0.00124	-42.43	141.42	0.00130
-49.50	134.35	0.00135	-56.57	127.28	0.00136
-63.64	120.21	0.00135	-70.71	113.14	0.00129
-74.25	109.60	0.00124	-77.78	106.07	0.00117
-79.90	103.94	0.00112	-81.32	102.53	0.00109
-82.73	101.12	0.00105	-84.15	99.70	0.00101
-85.56	98.29	0.00097	-98.29	85.56	0.00062
-99.70	84.15	0.00058	-101.12	82.73	0.00055
-102.53	81.32	0.00053	-103.94	79.90	0.00050
-106.07	77.78	0.00047	-109.60	74.25	0.00042
-113.14	70.71	0.00037	-120.21	63.64	0.00029
-127.28	56.57	0.00023	-134.35	49.50	0.00018
-141.42	42.43	0.00015	-148.49	35.36	0.00014
-155.56	28.28	0.00013	-162.63	21.21	0.00012
-14.14	155.56	0.00114	-21.21	148.49	0.00126
-28.28	141.42	0.00137	-35.36	134.35	0.00147
-42.43	127.28	0.00154	-49.50	120.21	0.00158
-56.57	113.14	0.00158	-63.64	106.07	0.00153
-67.18	102.53	0.00147	-70.71	98.99	0.00140

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00134	-74.25	95.46	0.00130
-75.66	94.05	0.00125	-77.07	92.63	0.00120
-78.49	91.22	0.00115	-91.22	78.49	0.00070
-92.63	77.07	0.00066	-94.05	75.66	0.00062
-95.46	74.25	0.00059	-96.87	72.83	0.00056
-98.99	70.71	0.00052	-102.53	67.18	0.00046
-106.07	63.64	0.00040	-113.14	56.57	0.00031
-120.21	49.50	0.00024	-127.28	42.43	0.00019
-134.35	35.36	0.00017	-141.42	28.28	0.00015
-148.49	21.21	0.00014	-155.56	14.14	0.00013
-7.07	148.49	0.00121	-14.14	141.42	0.00135
-21.21	134.35	0.00150	-28.28	127.28	0.00164
-35.36	120.21	0.00177	-42.43	113.14	0.00185
-49.50	106.07	0.00187	-56.57	98.99	0.00183
-60.10	95.46	0.00178	-63.64	91.92	0.00169
-65.76	89.80	0.00162	-67.18	88.39	0.00157
-68.59	86.97	0.00152	-70.00	85.56	0.00146
-71.42	84.15	0.00139	-84.15	71.42	0.00080
-85.56	70.00	0.00075	-86.97	68.59	0.00070
-88.39	67.18	0.00066	-89.80	65.76	0.00062
-91.92	63.64	0.00057	-95.46	60.10	0.00050
-98.99	56.57	0.00043	-106.07	49.50	0.00032
-113.14	42.43	0.00025	-120.21	35.36	0.00021
-127.28	28.28	0.00018	-134.35	21.21	0.00017
-141.42	14.14	0.00015	-148.49	7.07	0.00014
0.00	141.42	0.00126	-7.07	134.35	0.00143
-14.14	127.28	0.00162	-21.21	120.21	0.00182
-28.28	113.14	0.00201	-35.36	106.07	0.00216
-42.43	98.99	0.00223	-49.50	91.92	0.00222
-53.03	88.39	0.00217	-56.57	84.85	0.00208
-58.69	82.73	0.00200	-60.10	81.32	0.00194
-61.52	79.90	0.00187	-62.93	78.49	0.00179
-64.35	77.07	0.00171	-77.07	64.35	0.00092
-78.49	62.93	0.00085	-79.90	61.52	0.00079
-81.32	60.10	0.00074	-82.73	58.69	0.00070
-84.85	56.57	0.00063	-88.39	53.03	0.00054
-91.92	49.50	0.00046	-98.99	42.43	0.00034

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00027	-113.14	28.28	0.00023
-120.21	21.21	0.00020	-127.28	14.14	0.00018
-134.35	7.07	0.00016	-141.42	0.00	0.00015

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

19:38:54
 **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	0.00130	0.00	127.28	0.00150
-7.07	120.21	0.00173	-14.14	113.14	0.00198
-21.21	106.07	0.00224	-28.28	98.99	0.00249
-35.36	91.92	0.00267	-42.43	84.85	0.00272
-45.96	81.32	0.00268	-49.50	77.78	0.00259
-51.62	75.66	0.00250	-53.03	74.25	0.00243
-54.45	72.83	0.00235	-55.86	71.42	0.00225
-57.28	70.00	0.00214	-70.00	57.28	0.00105
-71.42	55.86	0.00097	-72.83	54.45	0.00090
-74.25	53.03	0.00083	-75.66	51.62	0.00077
-77.78	49.50	0.00069	-81.32	45.96	0.00057
-84.85	42.43	0.00048	-91.92	35.36	0.00036
-98.99	28.28	0.00030	-106.07	21.21	0.00025
-113.14	14.14	0.00022	-120.21	7.07	0.00020
-127.28	0.00	0.00018	-134.35	-7.07	0.00016
14.14	127.28	0.00133	7.07	120.21	0.00155
0.00	113.14	0.00182	-7.07	106.07	0.00212
-14.14	98.99	0.00246	-21.21	91.92	0.00282
-28.28	84.85	0.00317	-35.36	77.78	0.00337
-38.89	74.25	0.00337	-42.43	70.71	0.00329
-44.55	68.59	0.00320	-45.96	67.18	0.00312
-47.38	65.76	0.00302	-48.79	64.35	0.00289
-50.20	62.93	0.00275	-62.93	50.20	0.00121
-64.35	48.79	0.00110	-65.76	47.38	0.00100
-67.18	45.96	0.00092	-68.59	44.55	0.00084
-70.71	42.43	0.00074	-74.25	38.89	0.00061
-77.78	35.36	0.00051	-84.85	28.28	0.00040
-91.92	21.21	0.00033	-98.99	14.14	0.00028
-106.07	7.07	0.00024	-113.14	0.00	0.00021
-120.21	-7.07	0.00019	-127.28	-14.14	0.00017
21.21	120.21	0.00135	14.14	113.14	0.00159

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00188	0.00	98.99	0.00223
-7.07	91.92	0.00264	-14.14	84.85	0.00312
-21.21	77.78	0.00364	-28.28	70.71	0.00411
-31.82	67.18	0.00424	-35.36	63.64	0.00425
-37.48	61.52	0.00417	-38.89	60.10	0.00409
-40.31	58.69	0.00397	-41.72	57.28	0.00383
-43.13	55.86	0.00364	-55.86	43.13	0.00137
-57.28	41.72	0.00122	-58.69	40.31	0.00110
-60.10	38.89	0.00099	-61.52	37.48	0.00090

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

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

19:38:54

**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
-63.64	35.36	0.00079	-67.18	31.82	0.00065
-70.71	28.28	0.00056	-77.78	21.21	0.00043
-84.85	14.14	0.00035	-91.92	7.07	0.00030
-98.99	0.00	0.00026	-106.07	-7.07	0.00023
-113.14	-14.14	0.00021	-120.21	-21.21	0.00018
28.28	113.14	0.00136	21.21	106.07	0.00161
14.14	98.99	0.00193	7.07	91.92	0.00232
0.00	84.85	0.00279	-7.07	77.78	0.00336
-14.14	70.71	0.00404	-21.21	63.64	0.00479
-24.75	60.10	0.00515	-28.28	56.57	0.00541
-30.41	54.45	0.00548	-31.82	53.03	0.00546
-33.23	51.62	0.00538	-34.65	50.20	0.00523
-36.06	48.79	0.00501	-48.79	36.06	0.00150
-50.20	34.65	0.00132	-51.62	33.23	0.00117
-53.03	31.82	0.00106	-54.45	30.41	0.00097
-56.57	28.28	0.00085	-60.10	24.75	0.00071
-63.64	21.21	0.00061	-70.71	14.14	0.00047
-77.78	7.07	0.00039	-84.85	0.00	0.00033
-91.92	-7.07	0.00029	-98.99	-14.14	0.00025
-106.07	-21.21	0.00022	-113.14	-28.28	0.00019
35.36	106.07	0.00135	28.28	98.99	0.00162
21.21	91.92	0.00195	14.14	84.85	0.00237
7.07	77.78	0.00290	0.00	70.71	0.00356
-7.07	63.64	0.00438	-14.14	56.57	0.00535
-17.68	53.03	0.00589	-21.21	49.50	0.00642

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00671	-24.75	45.96	0.00687
-26.16	44.55	0.00701	-27.58	43.13	0.00710
-28.99	41.72	0.00709	-41.72	28.99	0.00162
-43.13	27.58	0.00142	-44.55	26.16	0.00126
-45.96	24.75	0.00114	-47.38	23.33	0.00104
-49.50	21.21	0.00091	-53.03	17.68	0.00076
-56.57	14.14	0.00066	-63.64	7.07	0.00051
-70.71	0.00	0.00043	-77.78	-7.07	0.00036
-84.85	-14.14	0.00031	-91.92	-21.21	0.00027
-98.99	-28.28	0.00023	-106.07	-35.36	0.00020
42.43	98.99	0.00135	35.36	91.92	0.00161
28.28	84.85	0.00195	21.21	77.78	0.00240
14.14	70.71	0.00297	7.07	63.64	0.00371
0.00	56.57	0.00464	-7.07	49.50	0.00580
-10.61	45.96	0.00648	-14.14	42.43	0.00719

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

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

19:38:54
 **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	0.00761	-17.68	38.89	0.00788
-19.09	37.48	0.00814	-20.51	36.06	0.00844
-21.92	34.65	0.00874	-34.65	21.92	0.00180
-36.06	20.51	0.00155	-37.48	19.09	0.00136
-38.89	17.68	0.00122	-40.31	16.26	0.00111
-42.43	14.14	0.00097	-45.96	10.61	0.00081
-49.50	7.07	0.00069	-56.57	0.00	0.00055
-63.64	-7.07	0.00045	-70.71	-14.14	0.00038
-77.78	-21.21	0.00033	-84.85	-28.28	0.00028
-91.92	-35.36	0.00024	-98.99	-42.43	0.00020
49.50	91.92	0.00133	42.43	84.85	0.00159
35.36	77.78	0.00193	28.28	70.71	0.00239
21.21	63.64	0.00298	14.14	56.57	0.00377
7.07	49.50	0.00478	0.00	42.43	0.00605
-3.54	38.89	0.00679	-7.07	35.36	0.00758
-9.19	33.23	0.00806	-10.61	31.82	0.00836
-12.02	30.41	0.00865	-13.44	28.99	0.00896
-14.85	27.58	0.00930	-27.58	14.85	0.00218
-28.99	13.44	0.00185	-30.41	12.02	0.00160

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00142	-33.23	9.19	0.00127
-35.36	7.07	0.00110	-38.89	3.54	0.00090
-42.43	0.00	0.00077	-49.50	-7.07	0.00061
-56.57	-14.14	0.00050	-63.64	-21.21	0.00042
-70.71	-28.28	0.00035	-77.78	-35.36	0.00029
-84.85	-42.43	0.00024	-91.92	-49.50	0.00021
56.57	84.85	0.00131	49.50	77.78	0.00156
42.43	70.71	0.00189	35.36	63.64	0.00233
28.28	56.57	0.00292	21.21	49.50	0.00371
14.14	42.43	0.00475	7.07	35.36	0.00609
3.54	31.82	0.00685	0.00	28.28	0.00768
-2.12	26.16	0.00819	-3.54	24.75	0.00853
-4.95	23.33	0.00885	-6.36	21.92	0.00919
-7.78	20.51	0.00958	-20.51	7.78	0.00257
-21.92	6.36	0.00218	-23.33	4.95	0.00189
-24.75	3.54	0.00167	-26.16	2.12	0.00149
-28.28	0.00	0.00129	-31.82	-3.54	0.00106
-35.36	-7.07	0.00089	-42.43	-14.14	0.00069
-49.50	-21.21	0.00056	-56.57	-28.28	0.00045
-63.64	-35.36	0.00037	-70.71	-42.43	0.00031
-77.78	-49.50	0.00026	-84.85	-56.57	0.00022

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

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

19:38:54

**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
63.64	77.78	0.00128	56.57	70.71	0.00151
49.50	63.64	0.00182	42.43	56.57	0.00223
35.36	49.50	0.00279	28.28	42.43	0.00355
21.21	35.36	0.00459	14.14	28.28	0.00594
10.61	24.75	0.00673	7.07	21.21	0.00758
4.95	19.09	0.00813	3.54	17.68	0.00850
2.12	16.26	0.00887	0.71	14.85	0.00924
-0.71	13.44	0.00966	-13.44	0.71	0.00289
-14.85	-0.71	0.00247	-16.26	-2.12	0.00216
-17.68	-3.54	0.00191	-19.09	-4.95	0.00171
-21.21	-7.07	0.00148	-24.75	-10.61	0.00122
-28.28	-14.14	0.00104	-35.36	-21.21	0.00079
-42.43	-28.28	0.00062	-49.50	-35.36	0.00049

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00040	-63.64	-49.50	0.00033
-70.71	-56.57	0.00028	-77.78	-63.64	0.00024
70.71	70.71	0.00123	63.64	63.64	0.00146
56.57	56.57	0.00174	49.50	49.50	0.00212
42.43	42.43	0.00262	35.36	35.36	0.00331
28.28	28.28	0.00427	21.21	21.21	0.00559
17.68	17.68	0.00640	14.14	14.14	0.00730
12.02	12.02	0.00787	10.61	10.61	0.00826
9.19	9.19	0.00866	7.78	7.78	0.00907
6.36	6.36	0.00953	-6.36	-6.36	0.00311
-7.78	-7.78	0.00269	-9.19	-9.19	0.00237
-10.61	-10.61	0.00211	-12.02	-12.02	0.00191
-14.14	-14.14	0.00167	-17.68	-17.68	0.00138
-21.21	-21.21	0.00117	-28.28	-28.28	0.00089
-35.36	-35.36	0.00068	-42.43	-42.43	0.00053
-49.50	-49.50	0.00043	-56.57	-56.57	0.00035
-63.64	-63.64	0.00029	-70.71	-70.71	0.00025
77.78	63.64	0.00118	70.71	56.57	0.00139
63.64	49.50	0.00165	56.57	42.43	0.00198
49.50	35.36	0.00242	42.43	28.28	0.00301
35.36	21.21	0.00384	28.28	14.14	0.00505
24.75	10.61	0.00585	21.21	7.07	0.00676
19.09	4.95	0.00736	17.68	3.54	0.00777
16.26	2.12	0.00820	14.85	0.71	0.00865
13.44	-0.71	0.00914	0.71	-13.44	0.00324
-0.71	-14.85	0.00283	-2.12	-16.26	0.00252
-3.54	-17.68	0.00227	-4.95	-19.09	0.00207

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

19:38:54
 **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	0.00183	-10.61	-24.75	0.00152
-14.14	-28.28	0.00129	-21.21	-35.36	0.00096
-28.28	-42.43	0.00074	-35.36	-49.50	0.00058
-42.43	-56.57	0.00046	-49.50	-63.64	0.00038
-56.57	-70.71	0.00031	-63.64	-77.78	0.00026
84.85	56.57	0.00113	77.78	49.50	0.00131
70.71	42.43	0.00155	63.64	35.36	0.00184

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00222	49.50	21.21	0.00271
42.43	14.14	0.00338	35.36	7.07	0.00437
31.82	3.54	0.00505	28.28	0.00	0.00590
26.16	-2.12	0.00650	24.75	-3.54	0.00693
23.33	-4.95	0.00738	21.92	-6.36	0.00787
20.51	-7.78	0.00842	7.78	-20.51	0.00330
6.36	-21.92	0.00292	4.95	-23.33	0.00263
3.54	-24.75	0.00240	2.12	-26.16	0.00220
0.00	-28.28	0.00195	-3.54	-31.82	0.00163
-7.07	-35.36	0.00138	-14.14	-42.43	0.00103
-21.21	-49.50	0.00079	-28.28	-56.57	0.00063
-35.36	-63.64	0.00050	-42.43	-70.71	0.00040
-49.50	-77.78	0.00033	-56.57	-84.85	0.00027
91.92	49.50	0.00106	84.85	42.43	0.00123
77.78	35.36	0.00144	70.71	28.28	0.00169
63.64	21.21	0.00201	56.57	14.14	0.00241
49.50	7.07	0.00294	42.43	0.00	0.00367
38.89	-3.54	0.00416	35.36	-7.07	0.00478
33.23	-9.19	0.00526	31.82	-10.61	0.00563
30.41	-12.02	0.00606	28.99	-13.44	0.00656
27.58	-14.85	0.00715	14.85	-27.58	0.00332
13.44	-28.99	0.00298	12.02	-30.41	0.00270
10.61	-31.82	0.00248	9.19	-33.23	0.00228
7.07	-35.36	0.00203	3.54	-38.89	0.00170
0.00	-42.43	0.00145	-7.07	-49.50	0.00108
-14.14	-56.57	0.00083	-21.21	-63.64	0.00066
-28.28	-70.71	0.00053	-35.36	-77.78	0.00042
-42.43	-84.85	0.00035	-49.50	-91.92	0.00029
98.99	42.43	0.00100	91.92	35.36	0.00114
84.85	28.28	0.00132	77.78	21.21	0.00153
70.71	14.14	0.00179	63.64	7.07	0.00211
56.57	0.00	0.00253	49.50	-7.07	0.00305
45.96	-10.61	0.00337	42.43	-14.14	0.00375

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

19:38:54
 **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	0.00402	38.89	-17.68	0.00422

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00446	36.06	-20.51	0.00475
34.65	-21.92	0.00515	21.92	-34.65	0.00331
20.51	-36.06	0.00299	19.09	-37.48	0.00272
17.68	-38.89	0.00251	16.26	-40.31	0.00232
14.14	-42.43	0.00207	10.61	-45.96	0.00175
7.07	-49.50	0.00149	0.00	-56.57	0.00112
-7.07	-63.64	0.00086	-14.14	-70.71	0.00068
-21.21	-77.78	0.00055	-28.28	-84.85	0.00045
-35.36	-91.92	0.00037	-42.43	-98.99	0.00030
106.07	35.36	0.00092	98.99	28.28	0.00104
91.92	21.21	0.00119	84.85	14.14	0.00136
77.78	7.07	0.00157	70.71	0.00	0.00182
63.64	-7.07	0.00212	56.57	-14.14	0.00247
53.03	-17.68	0.00267	49.50	-21.21	0.00288
47.38	-23.33	0.00303	45.96	-24.75	0.00313
44.55	-26.16	0.00325	43.13	-27.58	0.00338
41.72	-28.99	0.00353	28.99	-41.72	0.00320
27.58	-43.13	0.00293	26.16	-44.55	0.00270
24.75	-45.96	0.00250	23.33	-47.38	0.00232
21.21	-49.50	0.00210	17.68	-53.03	0.00178
14.14	-56.57	0.00153	7.07	-63.64	0.00116
0.00	-70.71	0.00090	-7.07	-77.78	0.00071
-14.14	-84.85	0.00057	-21.21	-91.92	0.00047
-28.28	-98.99	0.00039	-35.36	-106.07	0.00032
113.14	28.28	0.00084	106.07	21.21	0.00094
98.99	14.14	0.00106	91.92	7.07	0.00120
84.85	0.00	0.00136	77.78	-7.07	0.00156
70.71	-14.14	0.00178	63.64	-21.21	0.00203
60.10	-24.75	0.00217	56.57	-28.28	0.00233
54.45	-30.41	0.00244	53.03	-31.82	0.00253
51.62	-33.23	0.00262	50.20	-34.65	0.00273
48.79	-36.06	0.00284	36.06	-48.79	0.00281
34.65	-50.20	0.00265	33.23	-51.62	0.00249
31.82	-53.03	0.00235	30.41	-54.45	0.00220
28.28	-56.57	0.00201	24.75	-60.10	0.00174
21.21	-63.64	0.00151	14.14	-70.71	0.00116
7.07	-77.78	0.00090	0.00	-84.85	0.00072
-7.07	-91.92	0.00058	-14.14	-98.99	0.00048
-21.21	-106.07	0.00040	-28.28	-113.14	0.00034

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00076	113.14	14.14	0.00084	
106.07	7.07	0.00094	98.99	0.00	0.00106	
91.92	-7.07	0.00119	84.85	-14.14	0.00134	
77.78	-21.21	0.00151	70.71	-28.28	0.00171	
67.18	-31.82	0.00183	63.64	-35.36	0.00197	
61.52	-37.48	0.00207	60.10	-38.89	0.00214	
58.69	-40.31	0.00221	57.28	-41.72	0.00229	
55.86	-43.13	0.00237	43.13	-55.86	0.00240	
41.72	-57.28	0.00230	40.31	-58.69	0.00220	
38.89	-60.10	0.00210	37.48	-61.52	0.00199	
35.36	-63.64	0.00185	31.82	-67.18	0.00162	
28.28	-70.71	0.00143	21.21	-77.78	0.00113	
14.14	-84.85	0.00089	7.07	-91.92	0.00072	
0.00	-98.99	0.00058	-7.07	-106.07	0.00048	
-14.14	-113.14	0.00040	-21.21	-120.21	0.00034	
127.28	14.14	0.00069	120.21	7.07	0.00076	
113.14	0.00	0.00084	106.07	-7.07	0.00093	
98.99	-14.14	0.00104	91.92	-21.21	0.00116	
84.85	-28.28	0.00130	77.78	-35.36	0.00147	
74.25	-38.89	0.00158	70.71	-42.43	0.00169	
68.59	-44.55	0.00177	67.18	-45.96	0.00182	
65.76	-47.38	0.00188	64.35	-48.79	0.00193	
62.93	-50.20	0.00199	50.20	-62.93	0.00202	
48.79	-64.35	0.00197	47.38	-65.76	0.00190	
45.96	-67.18	0.00183	44.55	-68.59	0.00176	
42.43	-70.71	0.00166	38.89	-74.25	0.00148	
35.36	-77.78	0.00132	28.28	-84.85	0.00106	
21.21	-91.92	0.00086	14.14	-98.99	0.00070	
7.07	-106.07	0.00058	0.00	-113.14	0.00048	
-7.07	-120.21	0.00040	-14.14	-127.28	0.00034	
134.35	7.07	0.00062	127.28	0.00	0.00068	
120.21	-7.07	0.00075	113.14	-14.14	0.00083	
106.07	-21.21	0.00092	98.99	-28.28	0.00101	
91.92	-35.36	0.00113	84.85	-42.43	0.00128	
81.32	-45.96	0.00137	77.78	-49.50	0.00146	
75.66	-51.62	0.00152	74.25	-53.03	0.00156	
72.83	-54.45	0.00160	71.42	-55.86	0.00164	
70.00	-57.28	0.00168	57.28	-70.00	0.00170	
55.86	-71.42	0.00167	54.45	-72.83	0.00163	

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00158 51.62 -75.66 0.00154

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** 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_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	0.00146	45.96	-81.32	0.00133
42.43	-84.85	0.00121	35.36	-91.92	0.00098
28.28	-98.99	0.00081	21.21	-106.07	0.00067
14.14	-113.14	0.00056	7.07	-120.21	0.00047
0.00	-127.28	0.00040	-7.07	-134.35	0.00034
141.42	0.00	0.00057	134.35	-7.07	0.00062
127.28	-14.14	0.00067	120.21	-21.21	0.00074
113.14	-28.28	0.00081	106.07	-35.36	0.00090
98.99	-42.43	0.00100	91.92	-49.50	0.00112
88.39	-53.03	0.00119	84.85	-56.57	0.00126
82.73	-58.69	0.00131	81.32	-60.10	0.00134
79.90	-61.52	0.00137	78.49	-62.93	0.00140
77.07	-64.35	0.00142	64.35	-77.07	0.00144
62.93	-78.49	0.00142	61.52	-79.90	0.00139
60.10	-81.32	0.00136	58.69	-82.73	0.00133
56.57	-84.85	0.00128	53.03	-88.39	0.00118
49.50	-91.92	0.00109	42.43	-98.99	0.00091
35.36	-106.07	0.00076	28.28	-113.14	0.00064
21.21	-120.21	0.00054	14.14	-127.28	0.00046
7.07	-134.35	0.00039	0.00	-141.42	0.00034
148.49	-7.07	0.00052	141.42	-14.14	0.00056
134.35	-21.21	0.00061	127.28	-28.28	0.00066
120.21	-35.36	0.00073	113.14	-42.43	0.00080
106.07	-49.50	0.00089	98.99	-56.57	0.00099
95.46	-60.10	0.00104	91.92	-63.64	0.00110
89.80	-65.76	0.00114	88.39	-67.18	0.00116
86.97	-68.59	0.00118	85.56	-70.00	0.00120
84.15	-71.42	0.00122	71.42	-84.15	0.00123
70.00	-85.56	0.00121	68.59	-86.97	0.00120
67.18	-88.39	0.00118	65.76	-89.80	0.00116
63.64	-91.92	0.00112	60.10	-95.46	0.00105
56.57	-98.99	0.00098	49.50	-106.07	0.00083
42.43	-113.14	0.00070	35.36	-120.21	0.00060

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00051	21.21	-134.35	0.00044
14.14	-141.42	0.00038	7.07	-148.49	0.00033
155.56	-14.14	0.00047	148.49	-21.21	0.00051
141.42	-28.28	0.00055	134.35	-35.36	0.00060
127.28	-42.43	0.00066	120.21	-49.50	0.00072
113.14	-56.57	0.00079	106.07	-63.64	0.00087
102.53	-67.18	0.00091	98.99	-70.71	0.00096

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** 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_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	0.00099	95.46	-74.25	0.00101
94.05	-75.66	0.00102	92.63	-77.07	0.00104
91.22	-78.49	0.00105	78.49	-91.22	0.00106
77.07	-92.63	0.00105	75.66	-94.05	0.00104
74.25	-95.46	0.00102	72.83	-96.87	0.00101
70.71	-98.99	0.00098	67.18	-102.53	0.00093
63.64	-106.07	0.00087	56.57	-113.14	0.00076
49.50	-120.21	0.00065	42.43	-127.28	0.00056
35.36	-134.35	0.00048	28.28	-141.42	0.00042
21.21	-148.49	0.00037	14.14	-155.56	0.00032
162.63	-21.21	0.00043	155.56	-28.28	0.00046
148.49	-35.36	0.00050	141.42	-42.43	0.00055
134.35	-49.50	0.00060	127.28	-56.57	0.00065
120.21	-63.64	0.00071	113.14	-70.71	0.00077
109.60	-74.25	0.00081	106.07	-77.78	0.00085
103.94	-79.90	0.00087	102.53	-81.32	0.00088
101.12	-82.73	0.00089	99.70	-84.15	0.00090
98.29	-85.56	0.00091	85.56	-98.29	0.00092
84.15	-99.70	0.00091	82.73	-101.12	0.00090
81.32	-102.53	0.00089	79.90	-103.94	0.00088
77.78	-106.07	0.00086	74.25	-109.60	0.00083
70.71	-113.14	0.00078	63.64	-120.21	0.00069
56.57	-127.28	0.00061	49.50	-134.35	0.00053
42.43	-141.42	0.00046	35.36	-148.49	0.00040
28.28	-155.56	0.00035	21.21	-162.63	0.00031
169.71	-28.28	0.00039	162.63	-35.36	0.00042
155.56	-42.43	0.00046	148.49	-49.50	0.00050

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00054	134.35	-63.64	0.00059
127.28	-70.71	0.00063	120.21	-77.78	0.00069
116.67	-81.32	0.00072	113.14	-84.85	0.00075
111.02	-86.97	0.00077	109.60	-88.39	0.00078
108.19	-89.80	0.00079	106.77	-91.22	0.00079
105.36	-92.63	0.00080	92.63	-105.36	0.00080
91.22	-106.77	0.00080	89.80	-108.19	0.00079
88.39	-109.60	0.00079	86.97	-111.02	0.00078
84.85	-113.14	0.00076	81.32	-116.67	0.00074
77.78	-120.21	0.00070	70.71	-127.28	0.00063
63.64	-134.35	0.00056	56.57	-141.42	0.00049
49.50	-148.49	0.00043	42.43	-155.56	0.00038
35.36	-162.63	0.00033	28.28	-169.71	0.00030

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

*** 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_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	0.00036	169.71	-42.43	0.00039
162.63	-49.50	0.00043	155.56	-56.57	0.00046
148.49	-63.64	0.00049	141.42	-70.71	0.00053
134.35	-77.78	0.00057	127.28	-84.85	0.00062
123.74	-88.39	0.00065	120.21	-91.92	0.00067
118.09	-94.05	0.00068	116.67	-95.46	0.00069
115.26	-96.87	0.00070	113.84	-98.29	0.00070
112.43	-99.70	0.00071	99.70	-112.43	0.00071
98.29	-113.84	0.00071	96.87	-115.26	0.00070
95.46	-116.67	0.00070	94.05	-118.09	0.00069
91.92	-120.21	0.00068	88.39	-123.74	0.00066
84.85	-127.28	0.00063	77.78	-134.35	0.00058
70.71	-141.42	0.00052	63.64	-148.49	0.00046
56.57	-155.56	0.00041	49.50	-162.63	0.00036
42.43	-169.71	0.00032	35.36	-176.78	0.00028
183.85	-42.43	0.00034	176.78	-49.50	0.00037
169.71	-56.57	0.00039	162.63	-63.64	0.00042
155.56	-70.71	0.00045	148.49	-77.78	0.00048
141.42	-84.85	0.00052	134.35	-91.92	0.00056
130.81	-95.46	0.00058	127.28	-98.99	0.00060
125.16	-101.12	0.00061	123.74	-102.53	0.00062

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00062	120.92	-105.36	0.00062
119.50	-106.77	0.00063	106.77	-119.50	0.00063
105.36	-120.92	0.00063	103.94	-122.33	0.00062
102.53	-123.74	0.00062	101.12	-125.16	0.00062
98.99	-127.28	0.00061	95.46	-130.81	0.00059
91.92	-134.35	0.00057	84.85	-141.42	0.00053
77.78	-148.49	0.00048	70.71	-155.56	0.00043
63.64	-162.63	0.00038	56.57	-169.71	0.00034
49.50	-176.78	0.00030	42.43	-183.85	0.00027
190.92	-49.50	0.00032	183.85	-56.57	0.00034
176.78	-63.64	0.00037	169.71	-70.71	0.00039
162.63	-77.78	0.00041	155.56	-84.85	0.00044
148.49	-91.92	0.00047	141.42	-98.99	0.00051
137.89	-102.53	0.00053	134.35	-106.07	0.00054
132.23	-108.19	0.00055	130.81	-109.60	0.00055
129.40	-111.02	0.00056	127.99	-112.43	0.00056
126.57	-113.84	0.00056	113.84	-126.57	0.00056
112.43	-127.99	0.00056	111.02	-129.40	0.00056
109.60	-130.81	0.00056	108.19	-132.23	0.00055

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

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

19:38:54
 **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	0.00055	102.53	-137.89	0.00053
98.99	-141.42	0.00052	91.92	-148.49	0.00048
84.85	-155.56	0.00044	77.78	-162.63	0.00040
70.71	-169.71	0.00036	63.64	-176.78	0.00032
56.57	-183.85	0.00029	49.50	-190.92	0.00026
197.99	-56.57	0.00030	190.92	-63.64	0.00032
183.85	-70.71	0.00034	176.78	-77.78	0.00036
169.71	-84.85	0.00038	162.63	-91.92	0.00040
155.56	-98.99	0.00043	148.49	-106.07	0.00046
144.96	-109.60	0.00048	141.42	-113.14	0.00049
139.30	-115.26	0.00050	137.89	-116.67	0.00050
136.47	-118.09	0.00050	135.06	-119.50	0.00050
133.64	-120.92	0.00051	120.92	-133.64	0.00051
119.50	-135.06	0.00051	118.09	-136.47	0.00050
116.67	-137.89	0.00050	115.26	-139.30	0.00050

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00049	109.60	-144.96	0.00048
106.07	-148.49	0.00047	98.99	-155.56	0.00044
91.92	-162.63	0.00041	84.85	-169.71	0.00037
77.78	-176.78	0.00034	70.71	-183.85	0.00031
63.64	-190.92	0.00028	56.57	-197.99	0.00025
205.06	-63.64	0.00028	197.99	-70.71	0.00030
190.92	-77.78	0.00031	183.85	-84.85	0.00033
176.78	-91.92	0.00035	169.71	-98.99	0.00037
162.63	-106.07	0.00040	155.56	-113.14	0.00042
152.03	-116.67	0.00044	148.49	-120.21	0.00044
146.37	-122.33	0.00045	144.96	-123.74	0.00045
143.54	-125.16	0.00045	142.13	-126.57	0.00046
140.71	-127.99	0.00046	127.99	-140.71	0.00046
126.57	-142.13	0.00046	125.16	-143.54	0.00046
123.74	-144.96	0.00045	122.33	-146.37	0.00045
120.21	-148.49	0.00045	116.67	-152.03	0.00044
113.14	-155.56	0.00043	106.07	-162.63	0.00041
98.99	-169.71	0.00038	91.92	-176.78	0.00035
84.85	-183.85	0.00032	77.78	-190.92	0.00029
70.71	-197.99	0.00026	63.64	-205.06	0.00024
212.13	-70.71	0.00026	205.06	-77.78	0.00028
197.99	-84.85	0.00029	190.92	-91.92	0.00031
183.85	-98.99	0.00032	176.78	-106.07	0.00034
169.71	-113.14	0.00037	162.63	-120.21	0.00039
159.10	-123.74	0.00040	155.56	-127.28	0.00041

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

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

19:38:54
 **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	0.00041	152.03	-130.81	0.00041
150.61	-132.23	0.00041	149.20	-133.64	0.00042
147.79	-135.06	0.00042	135.06	-147.79	0.00042
133.64	-149.20	0.00042	132.23	-150.61	0.00042
130.81	-152.03	0.00041	129.40	-153.44	0.00041
127.28	-155.56	0.00041	123.74	-159.10	0.00040
120.21	-162.63	0.00039	113.14	-169.71	0.00037
106.07	-176.78	0.00035	98.99	-183.85	0.00032
91.92	-190.92	0.00030	84.85	-197.99	0.00027

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00025	70.71	-212.13	0.00023
219.20	-77.78	0.00025	212.13	-84.85	0.00026
205.06	-91.92	0.00027	197.99	-98.99	0.00029
190.92	-106.07	0.00030	183.85	-113.14	0.00032
176.78	-120.21	0.00034	169.71	-127.28	0.00036
166.17	-130.81	0.00037	162.63	-134.35	0.00037
160.51	-136.47	0.00038	159.10	-137.89	0.00038
157.68	-139.30	0.00038	156.27	-140.71	0.00038
154.86	-142.13	0.00038	142.13	-154.86	0.00038
140.71	-156.27	0.00038	139.30	-157.68	0.00038
137.89	-159.10	0.00038	136.47	-160.51	0.00038
134.35	-162.63	0.00037	130.81	-166.17	0.00037
127.28	-169.71	0.00036	120.21	-176.78	0.00035
113.14	-183.85	0.00033	106.07	-190.92	0.00030
98.99	-197.99	0.00028	91.92	-205.06	0.00026
84.85	-212.13	0.00024	77.78	-219.20	0.00022
226.27	-84.85	0.00023	219.20	-91.92	0.00024
212.13	-98.99	0.00025	205.06	-106.07	0.00027
197.99	-113.14	0.00028	190.92	-120.21	0.00030
183.85	-127.28	0.00031	176.78	-134.35	0.00033
173.24	-137.89	0.00034	169.71	-141.42	0.00034
167.58	-143.54	0.00034	166.17	-144.96	0.00035
164.76	-146.37	0.00035	163.34	-147.79	0.00035
161.93	-149.20	0.00035	149.20	-161.93	0.00035
147.79	-163.34	0.00035	146.37	-164.76	0.00035
144.96	-166.17	0.00035	143.54	-167.58	0.00035
141.42	-169.71	0.00034	137.89	-173.24	0.00034
134.35	-176.78	0.00033	127.28	-183.85	0.00032
120.21	-190.92	0.00030	113.14	-197.99	0.00028
106.07	-205.06	0.00026	98.99	-212.13	0.00025
91.92	-219.20	0.00023	84.85	-226.27	0.00021

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

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

19:38:54

**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
233.35	-91.92	0.00022	226.27	-98.99	0.00023
219.20	-106.07	0.00024	212.13	-113.14	0.00025
205.06	-120.21	0.00026	197.99	-127.28	0.00028

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00029	183.85	-141.42	0.00031
180.31	-144.96	0.00031	176.78	-148.49	0.00032
174.66	-150.61	0.00032	173.24	-152.03	0.00032
171.83	-153.44	0.00032	170.41	-154.86	0.00032
169.00	-156.27	0.00032	156.27	-169.00	0.00032
154.86	-170.41	0.00032	153.44	-171.83	0.00032
152.03	-173.24	0.00032	150.61	-174.66	0.00032
148.49	-176.78	0.00032	144.96	-180.31	0.00031
141.42	-183.85	0.00031	134.35	-190.92	0.00030
127.28	-197.99	0.00028	120.21	-205.06	0.00027
113.14	-212.13	0.00025	106.07	-219.20	0.00023
98.99	-226.27	0.00022	91.92	-233.35	0.00020
240.42	-98.99	0.00021	233.35	-106.07	0.00021
226.27	-113.14	0.00022	219.20	-120.21	0.00023
212.13	-127.28	0.00025	205.06	-134.35	0.00026
197.99	-141.42	0.00027	190.92	-148.49	0.00028
187.38	-152.03	0.00029	183.85	-155.56	0.00029
181.73	-157.68	0.00029	180.31	-159.10	0.00030
178.90	-160.51	0.00030	177.48	-161.93	0.00030
176.07	-163.34	0.00030	163.34	-176.07	0.00030
161.93	-177.48	0.00030	160.51	-178.90	0.00030
159.10	-180.31	0.00030	157.68	-181.73	0.00030
155.56	-183.85	0.00029	152.03	-187.38	0.00029
148.49	-190.92	0.00029	141.42	-197.99	0.00028
134.35	-205.06	0.00027	127.28	-212.13	0.00025
120.21	-219.20	0.00024	113.14	-226.27	0.00022
106.07	-233.35	0.00021	98.99	-240.42	0.00019
247.49	-106.07	0.00019	240.42	-113.14	0.00020
233.35	-120.21	0.00021	226.27	-127.28	0.00022
219.20	-134.35	0.00023	212.13	-141.42	0.00024
205.06	-148.49	0.00025	197.99	-155.56	0.00026
194.45	-159.10	0.00027	190.92	-162.63	0.00027
188.80	-164.76	0.00027	187.38	-166.17	0.00027
185.97	-167.58	0.00027	184.55	-169.00	0.00028
183.14	-170.41	0.00028	170.41	-183.14	0.00028
169.00	-184.55	0.00028	167.58	-185.97	0.00028
166.17	-187.38	0.00027	164.76	-188.80	0.00027

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

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

19:38:54

**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 ,

11NCRA_SR01-300_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	0.00027	159.10	-194.45	0.00027
155.56	-197.99	0.00027	148.49	-205.06	0.00026
141.42	-212.13	0.00025	134.35	-219.20	0.00024
127.28	-226.27	0.00022	120.21	-233.35	0.00021
113.14	-240.42	0.00020	106.07	-247.49	0.00018

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

19:38:54
 **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	0.00084	-113.14	240.42	0.00087
-120.21	233.35	0.00090	-127.28	226.27	0.00091
-134.35	219.20	0.00092	-141.42	212.13	0.00091
-148.49	205.06	0.00088	-155.56	197.99	0.00082
-159.10	194.45	0.00079	-162.63	190.92	0.00074
-164.76	188.80	0.00071	-166.17	187.38	0.00069
-167.58	185.97	0.00067	-169.00	184.55	0.00065
-170.41	183.14	0.00063	-183.14	170.41	0.00044
-184.55	169.00	0.00042	-185.97	167.58	0.00040
-187.38	166.17	0.00039	-188.80	164.76	0.00037
-190.92	162.63	0.00035	-194.45	159.10	0.00032
-197.99	155.56	0.00029	-205.06	148.49	0.00024
-212.13	141.42	0.00020	-219.20	134.35	0.00016
-226.27	127.28	0.00013	-233.35	120.21	0.00011
-240.42	113.14	0.00010	-247.49	106.07	0.00009
-98.99	240.42	0.00092	-106.07	233.35	0.00096
-113.14	226.27	0.00100	-120.21	219.20	0.00102
-127.28	212.13	0.00104	-134.35	205.06	0.00103
-141.42	197.99	0.00100	-148.49	190.92	0.00095
-152.03	187.38	0.00091	-155.56	183.85	0.00085
-157.68	181.73	0.00082	-159.10	180.31	0.00080
-160.51	178.90	0.00077	-161.93	177.48	0.00075
-163.34	176.07	0.00072	-176.07	163.34	0.00049
-177.48	161.93	0.00047	-178.90	160.51	0.00044
-180.31	159.10	0.00043	-181.73	157.68	0.00041
-183.85	155.56	0.00038	-187.38	152.03	0.00035

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00031	-197.99	141.42	0.00026
-205.06	134.35	0.00021	-212.13	127.28	0.00017
-219.20	120.21	0.00014	-226.27	113.14	0.00012
-233.35	106.07	0.00011	-240.42	98.99	0.00010
-91.92	233.35	0.00099	-98.99	226.27	0.00106
-106.07	219.20	0.00111	-113.14	212.13	0.00115
-120.21	205.06	0.00118	-127.28	197.99	0.00118
-134.35	190.92	0.00116	-141.42	183.85	0.00110
-144.96	180.31	0.00105	-148.49	176.78	0.00099
-150.61	174.66	0.00095	-152.03	173.24	0.00093
-153.44	171.83	0.00090	-154.86	170.41	0.00086
-156.27	169.00	0.00083	-169.00	156.27	0.00055
-170.41	154.86	0.00052	-171.83	153.44	0.00050
-173.24	152.03	0.00047	-174.66	150.61	0.00045

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

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

19:38:54

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00042	-180.31	144.96	0.00038
-183.85	141.42	0.00034	-190.92	134.35	0.00028
-197.99	127.28	0.00022	-205.06	120.21	0.00017
-212.13	113.14	0.00014	-219.20	106.07	0.00013
-226.27	99.00	0.00012	-233.35	91.92	0.00011
-84.85	226.27	0.00107	-91.92	219.20	0.00116
-98.99	212.13	0.00124	-106.07	205.06	0.00130
-113.14	197.99	0.00135	-120.21	190.92	0.00136
-127.28	183.85	0.00135	-134.35	176.78	0.00129
-137.89	173.24	0.00124	-141.42	169.71	0.00117
-143.54	167.58	0.00112	-144.96	166.17	0.00109
-146.37	164.76	0.00105	-147.79	163.34	0.00101
-149.20	161.93	0.00097	-161.93	149.20	0.00062
-163.34	147.79	0.00058	-164.76	146.37	0.00055
-166.17	144.96	0.00053	-167.58	143.54	0.00050
-169.71	141.42	0.00047	-173.24	137.89	0.00042
-176.78	134.35	0.00037	-183.85	127.28	0.00029
-190.92	120.21	0.00023	-197.99	113.14	0.00018
-205.06	106.07	0.00015	-212.13	99.00	0.00014
-219.20	91.92	0.00013	-226.27	84.85	0.00012

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00114	-84.85	212.13	0.00126
-91.92	205.06	0.00137	-98.99	197.99	0.00147
-106.07	190.92	0.00154	-113.14	183.85	0.00158
-120.21	176.78	0.00158	-127.28	169.71	0.00153
-130.81	166.17	0.00147	-134.35	162.63	0.00140
-136.47	160.51	0.00134	-137.89	159.10	0.00130
-139.30	157.68	0.00125	-140.71	156.27	0.00120
-142.13	154.86	0.00115	-154.86	142.13	0.00070
-156.27	140.71	0.00066	-157.68	139.30	0.00062
-159.10	137.89	0.00059	-160.51	136.47	0.00056
-162.63	134.35	0.00052	-166.17	130.81	0.00046
-169.71	127.28	0.00040	-176.78	120.21	0.00031
-183.85	113.14	0.00024	-190.92	106.07	0.00019
-197.99	99.00	0.00017	-205.06	91.92	0.00015
-212.13	84.85	0.00014	-219.20	77.78	0.00013
-70.71	212.13	0.00121	-77.78	205.06	0.00135
-84.85	197.99	0.00150	-91.92	190.92	0.00164
-98.99	183.85	0.00177	-106.07	176.78	0.00185
-113.14	169.71	0.00187	-120.21	162.63	0.00183
-123.74	159.10	0.00178	-127.28	155.56	0.00169

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

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

19:38:54
 **MODELOPTS:
 PAGE 85

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00162	-130.81	152.03	0.00157
-132.23	150.61	0.00152	-133.64	149.20	0.00146
-135.06	147.79	0.00139	-147.79	135.06	0.00080
-149.20	133.64	0.00075	-150.61	132.23	0.00070
-152.03	130.81	0.00066	-153.44	129.40	0.00062
-155.56	127.28	0.00057	-159.10	123.74	0.00050
-162.63	120.21	0.00043	-169.71	113.14	0.00032
-176.78	106.07	0.00025	-183.85	98.99	0.00021
-190.92	91.92	0.00018	-197.99	84.85	0.00017
-205.06	77.78	0.00015	-212.13	70.71	0.00014
-63.64	205.06	0.00126	-70.71	197.99	0.00143
-77.78	190.92	0.00162	-84.85	183.85	0.00182
-91.92	176.78	0.00201	-98.99	169.71	0.00216
-106.07	162.63	0.00223	-113.14	155.56	0.00222

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00217	-120.21	148.49	0.00208
-122.33	146.37	0.00200	-123.74	144.96	0.00194
-125.16	143.54	0.00187	-126.57	142.13	0.00179
-127.99	140.71	0.00171	-140.71	127.99	0.00092
-142.13	126.57	0.00085	-143.54	125.16	0.00079
-144.96	123.74	0.00074	-146.37	122.33	0.00070
-148.49	120.21	0.00063	-152.03	116.67	0.00054
-155.56	113.14	0.00046	-162.63	106.07	0.00034
-169.71	98.99	0.00027	-176.78	91.92	0.00023
-183.85	84.85	0.00020	-190.92	77.78	0.00018
-197.99	70.71	0.00016	-205.06	63.64	0.00015
-56.57	197.99	0.00130	-63.64	190.92	0.00150
-70.71	183.85	0.00173	-77.78	176.78	0.00198
-84.85	169.71	0.00224	-91.92	162.63	0.00249
-98.99	155.56	0.00268	-106.07	148.49	0.00272
-109.60	144.96	0.00268	-113.14	141.42	0.00259
-115.26	139.30	0.00250	-116.67	137.89	0.00243
-118.09	136.47	0.00235	-119.50	135.06	0.00225
-120.92	133.64	0.00214	-133.64	120.92	0.00105
-135.06	119.50	0.00097	-136.47	118.09	0.00090
-137.89	116.67	0.00083	-139.30	115.26	0.00077
-141.42	113.14	0.00069	-144.96	109.60	0.00057
-148.49	106.07	0.00048	-155.56	98.99	0.00036
-162.63	91.92	0.00030	-169.71	84.85	0.00025
-176.78	77.78	0.00022	-183.85	70.71	0.00020
-190.92	63.64	0.00018	-197.99	56.57	0.00016

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

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

19:38:54

**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	0.00133	-56.57	183.85	0.00155
-63.64	176.78	0.00182	-70.71	169.71	0.00212
-77.78	162.63	0.00246	-84.85	155.56	0.00282
-91.92	148.49	0.00317	-98.99	141.42	0.00337
-102.53	137.89	0.00337	-106.07	134.35	0.00329
-108.19	132.23	0.00320	-109.60	130.81	0.00312
-111.02	129.40	0.00302	-112.43	127.99	0.00289
-113.84	126.57	0.00275	-126.57	113.84	0.00121

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00110	-129.40	111.02	0.00100
-130.81	109.60	0.00092	-132.23	108.19	0.00084
-134.35	106.07	0.00074	-137.89	102.53	0.00061
-141.42	98.99	0.00051	-148.49	91.92	0.00040
-155.56	84.85	0.00033	-162.63	77.78	0.00028
-169.71	70.71	0.00024	-176.78	63.64	0.00021
-183.85	56.57	0.00019	-190.92	49.50	0.00017
-42.43	183.85	0.00135	-49.50	176.78	0.00159
-56.57	169.71	0.00188	-63.64	162.63	0.00223
-70.71	155.56	0.00264	-77.78	148.49	0.00312
-84.85	141.42	0.00364	-91.92	134.35	0.00411
-95.46	130.81	0.00424	-98.99	127.28	0.00425
-101.12	125.16	0.00417	-102.53	123.74	0.00409
-103.94	122.33	0.00397	-105.36	120.92	0.00383
-106.77	119.50	0.00364	-119.50	106.77	0.00137
-120.92	105.36	0.00122	-122.33	103.94	0.00110
-123.74	102.53	0.00099	-125.16	101.12	0.00090
-127.28	98.99	0.00079	-130.81	95.46	0.00066
-134.35	91.92	0.00056	-141.42	84.85	0.00043
-148.49	77.78	0.00035	-155.56	70.71	0.00030
-162.63	63.64	0.00026	-169.71	56.57	0.00023
-176.78	49.50	0.00021	-183.85	42.43	0.00018
-35.36	176.78	0.00136	-42.43	169.71	0.00161
-49.50	162.63	0.00193	-56.57	155.56	0.00232
-63.64	148.49	0.00279	-70.71	141.42	0.00336
-77.78	134.35	0.00404	-84.85	127.28	0.00479
-88.39	123.74	0.00515	-91.92	120.21	0.00541
-94.05	118.09	0.00548	-95.46	116.67	0.00546
-96.87	115.26	0.00538	-98.29	113.84	0.00523
-99.70	112.43	0.00501	-112.43	99.70	0.00150
-113.84	98.29	0.00132	-115.26	96.87	0.00117
-116.67	95.46	0.00106	-118.09	94.05	0.00097

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

19:38:54
 **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	0.00085	-123.74	88.39	0.00071
-127.28	84.85	0.00061	-134.35	77.78	0.00047

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00039	-148.49	63.64	0.00033
-155.56	56.57	0.00029	-162.63	49.50	0.00025
-169.71	42.43	0.00022	-176.78	35.36	0.00019
-28.28	169.71	0.00135	-35.36	162.63	0.00162
-42.43	155.56	0.00195	-49.50	148.49	0.00237
-56.57	141.42	0.00290	-63.64	134.35	0.00356
-70.71	127.28	0.00438	-77.78	120.21	0.00535
-81.32	116.67	0.00589	-84.85	113.14	0.00642
-86.97	111.02	0.00671	-88.39	109.60	0.00687
-89.80	108.19	0.00701	-91.22	106.77	0.00710
-92.63	105.36	0.00709	-105.36	92.63	0.00162
-106.77	91.22	0.00142	-108.19	89.80	0.00126
-109.60	88.39	0.00114	-111.02	86.97	0.00104
-113.14	84.85	0.00091	-116.67	81.32	0.00076
-120.21	77.78	0.00066	-127.28	70.71	0.00051
-134.35	63.64	0.00043	-141.42	56.57	0.00036
-148.49	49.50	0.00031	-155.56	42.43	0.00027
-162.63	35.36	0.00023	-169.71	28.28	0.00020
-21.21	162.63	0.00135	-28.28	155.56	0.00161
-35.36	148.49	0.00195	-42.43	141.42	0.00240
-49.50	134.35	0.00297	-56.57	127.28	0.00371
-63.64	120.21	0.00464	-70.71	113.14	0.00580
-74.25	109.60	0.00648	-77.78	106.07	0.00719
-79.90	103.94	0.00762	-81.32	102.53	0.00788
-82.73	101.12	0.00814	-84.15	99.70	0.00844
-85.56	98.29	0.00874	-98.29	85.56	0.00180
-99.70	84.15	0.00155	-101.12	82.73	0.00136
-102.53	81.32	0.00122	-103.94	79.90	0.00111
-106.07	77.78	0.00097	-109.60	74.25	0.00081
-113.14	70.71	0.00069	-120.21	63.64	0.00055
-127.28	56.57	0.00045	-134.35	49.50	0.00038
-141.42	42.43	0.00033	-148.49	35.36	0.00028
-155.56	28.28	0.00024	-162.63	21.21	0.00020
-14.14	155.56	0.00133	-21.21	148.49	0.00159
-28.28	141.42	0.00193	-35.36	134.35	0.00239
-42.43	127.28	0.00298	-49.50	120.21	0.00377
-56.57	113.14	0.00478	-63.64	106.07	0.00605
-67.18	102.53	0.00679	-70.71	98.99	0.00758

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

*** 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

11NCRA SR01-300 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	0.00806	-74.25	95.46	0.00836	
-75.66	94.05	0.00865	-77.07	92.63	0.00896	
-78.49	91.22	0.00930	-91.22	78.49	0.00218	
-92.63	77.07	0.00185	-94.05	75.66	0.00160	
-95.46	74.25	0.00142	-96.87	72.83	0.00127	
-98.99	70.71	0.00110	-102.53	67.18	0.00090	
-106.07	63.64	0.00077	-113.14	56.57	0.00061	
-120.21	49.50	0.00050	-127.28	42.43	0.00042	
-134.35	35.36	0.00035	-141.42	28.28	0.00029	
-148.49	21.21	0.00024	-155.56	14.14	0.00021	
-7.07	148.49	0.00131	-14.14	141.42	0.00156	
-21.21	134.35	0.00189	-28.28	127.28	0.00233	
-35.36	120.21	0.00292	-42.43	113.14	0.00371	
-49.50	106.07	0.00475	-56.57	98.99	0.00609	
-60.10	95.46	0.00685	-63.64	91.92	0.00768	
-65.76	89.80	0.00819	-67.18	88.39	0.00853	
-68.59	86.97	0.00885	-70.00	85.56	0.00919	
-71.42	84.15	0.00958	-84.15	71.42	0.00257	
-85.56	70.00	0.00218	-86.97	68.59	0.00189	
-88.39	67.18	0.00167	-89.80	65.76	0.00149	
-91.92	63.64	0.00129	-95.46	60.10	0.00106	
-98.99	56.57	0.00089	-106.07	49.50	0.00069	
-113.14	42.43	0.00056	-120.21	35.36	0.00045	
-127.28	28.28	0.00037	-134.35	21.21	0.00031	
-141.42	14.14	0.00026	-148.49	7.07	0.00022	
0.00	141.42	0.00128	-7.07	134.35	0.00151	
-14.14	127.28	0.00182	-21.21	120.21	0.00223	
-28.28	113.14	0.00279	-35.36	106.07	0.00355	
-42.43	98.99	0.00459	-49.50	91.92	0.00594	
-53.03	88.39	0.00673	-56.57	84.85	0.00758	
-58.69	82.73	0.00813	-60.10	81.32	0.00850	
-61.52	79.90	0.00887	-62.93	78.49	0.00924	
-64.35	77.07	0.00966	-77.07	64.35	0.00289	
-78.49	62.93	0.00247	-79.90	61.52	0.00216	
-81.32	60.10	0.00191	-82.73	58.69	0.00171	
-84.85	56.57	0.00148	-88.39	53.03	0.00122	
-91.92	49.50	0.00104	-98.99	42.43	0.00079	
-106.07	35.36	0.00062	-113.14	28.28	0.00049	
-120.21	21.21	0.00040	-127.28	14.14	0.00033	
-134.35	7.07	0.00028	-141.42	0.00	0.00024	

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

*** 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	0.00123	0.00	127.28	0.00146
-7.07	120.21	0.00174	-14.14	113.14	0.00212
-21.21	106.07	0.00262	-28.28	98.99	0.00331
-35.36	91.92	0.00427	-42.43	84.85	0.00559
-45.96	81.32	0.00640	-49.50	77.78	0.00730
-51.62	75.66	0.00787	-53.03	74.25	0.00826
-54.45	72.83	0.00866	-55.86	71.42	0.00907
-57.28	70.00	0.00953	-70.00	57.28	0.00311
-71.42	55.86	0.00269	-72.83	54.45	0.00237
-74.25	53.03	0.00211	-75.66	51.62	0.00191
-77.78	49.50	0.00167	-81.32	45.96	0.00138
-84.85	42.43	0.00117	-91.92	35.36	0.00089
-98.99	28.28	0.00068	-106.07	21.21	0.00053
-113.14	14.14	0.00043	-120.21	7.07	0.00035
-127.28	0.00	0.00029	-134.35	-7.07	0.00025
14.14	127.28	0.00118	7.07	120.21	0.00139
0.00	113.14	0.00165	-7.07	106.07	0.00198
-14.14	98.99	0.00242	-21.21	91.92	0.00301
-28.28	84.85	0.00384	-35.36	77.78	0.00505
-38.89	74.25	0.00585	-42.43	70.71	0.00676
-44.55	68.59	0.00736	-45.96	67.18	0.00777
-47.38	65.76	0.00820	-48.79	64.35	0.00865
-50.20	62.93	0.00914	-62.93	50.20	0.00324
-64.35	48.79	0.00283	-65.76	47.38	0.00252
-67.18	45.96	0.00227	-68.59	44.55	0.00207
-70.71	42.43	0.00183	-74.25	38.89	0.00152
-77.78	35.36	0.00129	-84.85	28.28	0.00096
-91.92	21.21	0.00074	-98.99	14.14	0.00058
-106.07	7.07	0.00046	-113.14	0.00	0.00038
-120.21	-7.07	0.00031	-127.28	-14.14	0.00026
21.21	120.21	0.00113	14.14	113.14	0.00131
7.07	106.07	0.00155	0.00	98.99	0.00184
-7.07	91.92	0.00222	-14.14	84.85	0.00271
-21.21	77.78	0.00338	-28.28	70.71	0.00437

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00505	-35.36	63.64	0.00590
-37.48	61.52	0.00650	-38.89	60.10	0.00693
-40.31	58.69	0.00738	-41.72	57.28	0.00787
-43.13	55.86	0.00842	-55.86	43.13	0.00330
-57.28	41.72	0.00292	-58.69	40.31	0.00263
-60.10	38.89	0.00240	-61.52	37.48	0.00220

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

19:38:54

**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
-63.64	35.36	0.00195	-67.18	31.82	0.00163
-70.71	28.28	0.00138	-77.78	21.21	0.00103
-84.85	14.14	0.00079	-91.92	7.07	0.00063
-98.99	0.00	0.00050	-106.07	-7.07	0.00040
-113.14	-14.14	0.00033	-120.21	-21.21	0.00027
28.28	113.14	0.00106	21.21	106.07	0.00123
14.14	98.99	0.00144	7.07	91.92	0.00169
0.00	84.85	0.00201	-7.07	77.78	0.00241
-14.14	70.71	0.00294	-21.21	63.64	0.00367
-24.75	60.10	0.00416	-28.28	56.57	0.00478
-30.41	54.45	0.00526	-31.82	53.03	0.00563
-33.23	51.62	0.00606	-34.65	50.20	0.00656
-36.06	48.79	0.00715	-48.79	36.06	0.00332
-50.20	34.65	0.00298	-51.62	33.23	0.00270
-53.03	31.82	0.00248	-54.45	30.41	0.00228
-56.57	28.28	0.00203	-60.10	24.75	0.00170
-63.64	21.21	0.00145	-70.71	14.14	0.00108
-77.78	7.07	0.00083	-84.85	0.00	0.00066
-91.92	-7.07	0.00053	-98.99	-14.14	0.00042
-106.07	-21.21	0.00035	-113.14	-28.28	0.00029
35.36	106.07	0.00100	28.28	98.99	0.00114
21.21	91.92	0.00132	14.14	84.85	0.00153
7.07	77.78	0.00179	0.00	70.71	0.00211
-7.07	63.64	0.00253	-14.14	56.57	0.00305
-17.68	53.03	0.00337	-21.21	49.50	0.00375
-23.33	47.38	0.00402	-24.75	45.96	0.00422
-26.16	44.55	0.00446	-27.58	43.13	0.00475
-28.99	41.72	0.00515	-41.72	28.99	0.00331

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00299	-44.55	26.16	0.00272
-45.96	24.75	0.00251	-47.38	23.33	0.00232
-49.50	21.21	0.00207	-53.03	17.68	0.00175
-56.57	14.14	0.00149	-63.64	7.07	0.00112
-70.71	0.00	0.00086	-77.78	-7.07	0.00068
-84.85	-14.14	0.00055	-91.92	-21.21	0.00045
-98.99	-28.28	0.00037	-106.07	-35.36	0.00030
42.43	98.99	0.00092	35.36	91.92	0.00104
28.28	84.85	0.00119	21.21	77.78	0.00136
14.14	70.71	0.00157	7.07	63.64	0.00182
0.00	56.57	0.00212	-7.07	49.50	0.00247
-10.61	45.96	0.00267	-14.14	42.43	0.00288

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

19:38:54
 **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	0.00303	-17.68	38.89	0.00313
-19.09	37.48	0.00325	-20.51	36.06	0.00338
-21.92	34.65	0.00353	-34.65	21.92	0.00320
-36.06	20.51	0.00293	-37.48	19.09	0.00270
-38.89	17.68	0.00250	-40.31	16.26	0.00232
-42.43	14.14	0.00210	-45.96	10.61	0.00178
-49.50	7.07	0.00153	-56.57	0.00	0.00116
-63.64	-7.07	0.00090	-70.71	-14.14	0.00071
-77.78	-21.21	0.00057	-84.85	-28.28	0.00047
-91.92	-35.36	0.00039	-98.99	-42.43	0.00032
49.50	91.92	0.00084	42.43	84.85	0.00094
35.36	77.78	0.00106	28.28	70.71	0.00120
21.21	63.64	0.00136	14.14	56.57	0.00156
7.07	49.50	0.00178	0.00	42.43	0.00203
-3.54	38.89	0.00217	-7.07	35.36	0.00233
-9.19	33.23	0.00244	-10.61	31.82	0.00253
-12.02	30.41	0.00262	-13.44	28.99	0.00273
-14.85	27.58	0.00284	-27.58	14.85	0.00281
-28.99	13.44	0.00265	-30.41	12.02	0.00249
-31.82	10.61	0.00235	-33.23	9.19	0.00220
-35.36	7.07	0.00201	-38.89	3.54	0.00174
-42.43	0.00	0.00151	-49.50	-7.07	0.00116

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00090	-63.64	-21.21	0.00072
-70.71	-28.28	0.00058	-77.78	-35.36	0.00048
-84.85	-42.43	0.00040	-91.92	-49.50	0.00034
56.57	84.85	0.00076	49.50	77.78	0.00084
42.43	70.71	0.00094	35.36	63.64	0.00105
28.28	56.57	0.00119	21.21	49.50	0.00134
14.14	42.43	0.00151	7.07	35.36	0.00171
3.54	31.82	0.00183	0.00	28.28	0.00197
-2.12	26.16	0.00207	-3.54	24.75	0.00214
-4.95	23.33	0.00221	-6.36	21.92	0.00229
-7.78	20.51	0.00237	-20.51	7.78	0.00240
-21.92	6.36	0.00230	-23.33	4.95	0.00220
-24.75	3.54	0.00210	-26.16	2.12	0.00199
-28.28	0.00	0.00185	-31.82	-3.54	0.00162
-35.36	-7.07	0.00143	-42.43	-14.14	0.00113
-49.50	-21.21	0.00089	-56.57	-28.28	0.00072
-63.64	-35.36	0.00058	-70.71	-42.43	0.00048
-77.78	-49.50	0.00040	-84.85	-56.57	0.00034

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

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

19:38:54
 **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	0.00069	56.57	70.71	0.00076
49.50	63.64	0.00084	42.43	56.57	0.00093
35.36	49.50	0.00104	28.28	42.43	0.00116
21.21	35.36	0.00130	14.14	28.28	0.00147
10.61	24.75	0.00158	7.07	21.21	0.00169
4.95	19.09	0.00177	3.54	17.68	0.00182
2.12	16.26	0.00188	0.71	14.85	0.00193
-0.71	13.44	0.00199	-13.44	0.71	0.00202
-14.85	-0.71	0.00197	-16.26	-2.12	0.00190
-17.68	-3.54	0.00183	-19.09	-4.95	0.00176
-21.21	-7.07	0.00166	-24.75	-10.61	0.00148
-28.28	-14.14	0.00132	-35.36	-21.21	0.00106
-42.43	-28.28	0.00086	-49.50	-35.36	0.00070
-56.57	-42.43	0.00058	-63.64	-49.50	0.00048
-70.71	-56.57	0.00040	-77.78	-63.64	0.00034
70.71	70.71	0.00062	63.64	63.64	0.00068

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00075	49.50	49.50	0.00083
42.43	42.43	0.00092	35.36	35.36	0.00101
28.28	28.28	0.00113	21.21	21.21	0.00128
17.68	17.68	0.00137	14.14	14.14	0.00146
12.02	12.02	0.00152	10.61	10.61	0.00156
9.19	9.19	0.00160	7.78	7.78	0.00164
6.36	6.36	0.00168	-6.36	-6.36	0.00170
-7.78	-7.78	0.00167	-9.19	-9.19	0.00163
-10.61	-10.61	0.00158	-12.02	-12.02	0.00154
-14.14	-14.14	0.00146	-17.68	-17.68	0.00133
-21.21	-21.21	0.00121	-28.28	-28.28	0.00098
-35.36	-35.36	0.00081	-42.43	-42.43	0.00067
-49.50	-49.50	0.00056	-56.57	-56.57	0.00047
-63.64	-63.64	0.00040	-70.71	-70.71	0.00034
77.78	63.64	0.00057	70.71	56.57	0.00062
63.64	49.50	0.00067	56.57	42.43	0.00074
49.50	35.36	0.00081	42.43	28.28	0.00090
35.36	21.21	0.00100	28.28	14.14	0.00112
24.75	10.61	0.00119	21.21	7.07	0.00126
19.09	4.95	0.00131	17.68	3.54	0.00134
16.26	2.12	0.00137	14.85	0.71	0.00140
13.44	-0.71	0.00142	0.71	-13.44	0.00144
-0.71	-14.85	0.00142	-2.12	-16.26	0.00139
-3.54	-17.68	0.00136	-4.95	-19.09	0.00133

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

19:38:54
 **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	0.00128	-10.61	-24.75	0.00118
-14.14	-28.28	0.00109	-21.21	-35.36	0.00091
-28.28	-42.43	0.00076	-35.36	-49.50	0.00064
-42.43	-56.57	0.00054	-49.50	-63.64	0.00046
-56.57	-70.71	0.00039	-63.64	-77.78	0.00034
84.85	56.57	0.00052	77.78	49.50	0.00056
70.71	42.43	0.00061	63.64	35.36	0.00066
56.57	28.28	0.00073	49.50	21.21	0.00080
42.43	14.14	0.00089	35.36	7.07	0.00099
31.82	3.54	0.00104	28.28	0.00	0.00110

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00114	24.75	-3.54	0.00116
23.33	-4.95	0.00118	21.92	-6.36	0.00120
20.51	-7.78	0.00122	7.78	-20.51	0.00123
6.36	-21.92	0.00121	4.95	-23.33	0.00120
3.54	-24.75	0.00118	2.12	-26.16	0.00116
0.00	-28.28	0.00112	-3.54	-31.82	0.00105
-7.07	-35.36	0.00098	-14.14	-42.43	0.00083
-21.21	-49.50	0.00070	-28.28	-56.57	0.00060
-35.36	-63.64	0.00051	-42.43	-70.71	0.00044
-49.50	-77.78	0.00038	-56.57	-84.85	0.00033
91.92	49.50	0.00047	84.85	42.43	0.00051
77.78	35.36	0.00055	70.71	28.28	0.00060
63.64	21.21	0.00066	56.57	14.14	0.00072
49.50	7.07	0.00079	42.43	0.00	0.00087
38.89	-3.54	0.00091	35.36	-7.07	0.00096
33.23	-9.19	0.00099	31.82	-10.61	0.00101
30.41	-12.02	0.00102	28.99	-13.44	0.00104
27.58	-14.85	0.00105	14.85	-27.58	0.00106
13.44	-28.99	0.00105	12.02	-30.41	0.00104
10.61	-31.82	0.00102	9.19	-33.23	0.00101
7.07	-35.36	0.00098	3.54	-38.89	0.00093
0.00	-42.43	0.00087	-7.07	-49.50	0.00076
-14.14	-56.57	0.00065	-21.21	-63.64	0.00056
-28.28	-70.71	0.00048	-35.36	-77.78	0.00042
-42.43	-84.85	0.00037	-49.50	-91.92	0.00032
98.99	42.43	0.00043	91.92	35.36	0.00046
84.85	28.28	0.00050	77.78	21.21	0.00055
70.71	14.14	0.00060	63.64	7.07	0.00065
56.57	0.00	0.00071	49.50	-7.07	0.00077
45.96	-10.61	0.00081	42.43	-14.14	0.00085

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

19:38:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00087	38.89	-17.68	0.00088
37.48	-19.09	0.00089	36.06	-20.51	0.00090
34.65	-21.92	0.00091	21.92	-34.65	0.00092
20.51	-36.06	0.00091	19.09	-37.48	0.00090

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00089	16.26	-40.31	0.00088
14.14	-42.43	0.00086	10.61	-45.96	0.00083
7.07	-49.50	0.00078	0.00	-56.57	0.00069
-7.07	-63.64	0.00061	-14.14	-70.71	0.00053
-21.21	-77.78	0.00046	-28.28	-84.85	0.00040
-35.36	-91.92	0.00035	-42.43	-98.99	0.00031
106.07	35.36	0.00039	98.99	28.28	0.00042
91.92	21.21	0.00046	84.85	14.14	0.00050
77.78	7.07	0.00054	70.71	0.00	0.00059
63.64	-7.07	0.00063	56.57	-14.14	0.00069
53.03	-17.68	0.00072	49.50	-21.21	0.00075
47.38	-23.33	0.00077	45.96	-24.75	0.00078
44.55	-26.16	0.00079	43.13	-27.58	0.00079
41.72	-28.99	0.00080	28.99	-41.72	0.00080
27.58	-43.13	0.00080	26.16	-44.55	0.00079
24.75	-45.96	0.00079	23.33	-47.38	0.00078
21.21	-49.50	0.00076	17.68	-53.03	0.00074
14.14	-56.57	0.00070	7.07	-63.64	0.00063
0.00	-70.71	0.00056	-7.07	-77.78	0.00049
-14.14	-84.85	0.00043	-21.21	-91.92	0.00038
-28.28	-98.99	0.00033	-35.36	-106.07	0.00030
113.14	28.28	0.00036	106.07	21.21	0.00039
98.99	14.14	0.00043	91.92	7.07	0.00046
84.85	0.00	0.00049	77.78	-7.07	0.00053
70.71	-14.14	0.00057	63.64	-21.21	0.00062
60.10	-24.75	0.00065	56.57	-28.28	0.00067
54.45	-30.41	0.00068	53.03	-31.82	0.00069
51.62	-33.23	0.00070	50.20	-34.65	0.00070
48.79	-36.06	0.00071	36.06	-48.79	0.00071
34.65	-50.20	0.00071	33.23	-51.62	0.00070
31.82	-53.03	0.00070	30.41	-54.45	0.00069
28.28	-56.57	0.00068	24.75	-60.10	0.00066
21.21	-63.64	0.00063	14.14	-70.71	0.00058
7.07	-77.78	0.00052	0.00	-84.85	0.00046
-7.07	-91.92	0.00041	-14.14	-98.99	0.00036
-21.21	-106.07	0.00032	-28.28	-113.14	0.00028

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

19:38:54
 **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 ***

11NCRA_SR01-300_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	0.00034	113.14	14.14	0.00037
106.07	7.07	0.00039	98.99	0.00	0.00042
91.92	-7.07	0.00045	84.85	-14.14	0.00048
77.78	-21.21	0.00052	70.71	-28.28	0.00056
67.18	-31.82	0.00058	63.64	-35.36	0.00060
61.52	-37.48	0.00061	60.10	-38.89	0.00062
58.69	-40.31	0.00062	57.28	-41.72	0.00062
55.86	-43.13	0.00063	43.13	-55.86	0.00063
41.72	-57.28	0.00063	40.31	-58.69	0.00062
38.89	-60.10	0.00062	37.48	-61.52	0.00062
35.36	-63.64	0.00061	31.82	-67.18	0.00059
28.28	-70.71	0.00057	21.21	-77.78	0.00053
14.14	-84.85	0.00048	7.07	-91.92	0.00043
0.00	-98.99	0.00038	-7.07	-106.07	0.00034
-14.14	-113.14	0.00030	-21.21	-120.21	0.00027
127.28	14.14	0.00032	120.21	7.07	0.00034
113.14	0.00	0.00037	106.07	-7.07	0.00039
98.99	-14.14	0.00041	91.92	-21.21	0.00044
84.85	-28.28	0.00047	77.78	-35.36	0.00051
74.25	-38.89	0.00053	70.71	-42.43	0.00054
68.59	-44.55	0.00055	67.18	-45.96	0.00055
65.76	-47.38	0.00056	64.35	-48.79	0.00056
62.93	-50.20	0.00056	50.20	-62.93	0.00056
48.79	-64.35	0.00056	47.38	-65.76	0.00056
45.96	-67.18	0.00056	44.55	-68.59	0.00055
42.43	-70.71	0.00055	38.89	-74.25	0.00053
35.36	-77.78	0.00052	28.28	-84.85	0.00048
21.21	-91.92	0.00044	14.14	-98.99	0.00040
7.07	-106.07	0.00036	0.00	-113.14	0.00032
-7.07	-120.21	0.00029	-14.14	-127.28	0.00026
134.35	7.07	0.00030	127.28	0.00	0.00032
120.21	-7.07	0.00034	113.14	-14.14	0.00036
106.07	-21.21	0.00038	98.99	-28.28	0.00040
91.92	-35.36	0.00043	84.85	-42.43	0.00046
81.32	-45.96	0.00048	77.78	-49.50	0.00049
75.66	-51.62	0.00050	74.25	-53.03	0.00050
72.83	-54.45	0.00050	71.42	-55.86	0.00050
70.00	-57.28	0.00051	57.28	-70.00	0.00051
55.86	-71.42	0.00051	54.45	-72.83	0.00050
53.03	-74.25	0.00050	51.62	-75.66	0.00050

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

*** NCRA Cumulative DPM Impacts

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

19:38:54
 **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	0.00049	45.96	-81.32	0.00048	
42.43	-84.85	0.00047	35.36	-91.92	0.00044	
28.28	-98.99	0.00041	21.21	-106.07	0.00037	
14.14	-113.14	0.00034	7.07	-120.21	0.00031	
0.00	-127.28	0.00028	-7.07	-134.35	0.00025	
141.42	0.00	0.00028	134.35	-7.07	0.00030	
127.28	-14.14	0.00031	120.21	-21.21	0.00033	
113.14	-28.28	0.00035	106.07	-35.36	0.00037	
98.99	-42.43	0.00040	91.92	-49.50	0.00042	
88.39	-53.03	0.00044	84.85	-56.57	0.00044	
82.73	-58.69	0.00045	81.32	-60.10	0.00045	
79.90	-61.52	0.00045	78.49	-62.93	0.00046	
77.07	-64.35	0.00046	64.35	-77.07	0.00046	
62.93	-78.49	0.00046	61.52	-79.90	0.00046	
60.10	-81.32	0.00045	58.69	-82.73	0.00045	
56.57	-84.85	0.00045	53.03	-88.39	0.00044	
49.50	-91.92	0.00043	42.43	-98.99	0.00041	
35.36	-106.07	0.00038	28.28	-113.14	0.00035	
21.21	-120.21	0.00032	14.14	-127.28	0.00029	
7.07	-134.35	0.00026	0.00	-141.42	0.00024	
148.49	-7.07	0.00026	141.42	-14.14	0.00028	
134.35	-21.21	0.00029	127.28	-28.28	0.00031	
120.21	-35.36	0.00032	113.14	-42.43	0.00034	
106.07	-49.50	0.00037	98.99	-56.57	0.00039	
95.46	-60.10	0.00040	91.92	-63.64	0.00041	
89.80	-65.76	0.00041	88.39	-67.18	0.00041	
86.97	-68.59	0.00041	85.56	-70.00	0.00042	
84.15	-71.42	0.00042	71.42	-84.15	0.00042	
70.00	-85.56	0.00042	68.59	-86.97	0.00042	
67.18	-88.39	0.00041	65.76	-89.80	0.00041	
63.64	-91.92	0.00041	60.10	-95.46	0.00040	
56.57	-98.99	0.00039	49.50	-106.07	0.00037	
42.43	-113.14	0.00035	35.36	-120.21	0.00032	
28.28	-127.28	0.00030	21.21	-134.35	0.00027	
14.14	-141.42	0.00025	7.07	-148.49	0.00023	
155.56	-14.14	0.00025	148.49	-21.21	0.00026	

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00027	134.35	-35.36	0.00029
127.28	-42.43	0.00030	120.21	-49.50	0.00032
113.14	-56.57	0.00034	106.07	-63.64	0.00036
102.53	-67.18	0.00037	98.99	-70.71	0.00037

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

19:38:54
 **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	0.00038	95.46	-74.25	0.00038
94.05	-75.66	0.00038	92.63	-77.07	0.00038
91.22	-78.49	0.00038	78.49	-91.22	0.00038
77.07	-92.63	0.00038	75.66	-94.05	0.00038
74.25	-95.46	0.00038	72.83	-96.87	0.00038
70.71	-98.99	0.00037	67.18	-102.53	0.00037
63.64	-106.07	0.00036	56.57	-113.14	0.00035
49.50	-120.21	0.00033	42.43	-127.28	0.00030
35.36	-134.35	0.00028	28.28	-141.42	0.00026
21.21	-148.49	0.00024	14.14	-155.56	0.00022
162.63	-21.21	0.00023	155.56	-28.28	0.00024
148.49	-35.36	0.00025	141.42	-42.43	0.00027
134.35	-49.50	0.00028	127.28	-56.57	0.00030
120.21	-63.64	0.00031	113.14	-70.71	0.00033
109.60	-74.25	0.00034	106.07	-77.78	0.00034
103.94	-79.90	0.00034	102.53	-81.32	0.00035
101.12	-82.73	0.00035	99.70	-84.15	0.00035
98.29	-85.56	0.00035	85.56	-98.29	0.00035
84.15	-99.70	0.00035	82.73	-101.12	0.00035
81.32	-102.53	0.00035	79.90	-103.94	0.00035
77.78	-106.07	0.00034	74.25	-109.60	0.00034
70.71	-113.14	0.00033	63.64	-120.21	0.00032
56.57	-127.28	0.00030	49.50	-134.35	0.00028
42.43	-141.42	0.00026	35.36	-148.49	0.00025
28.28	-155.56	0.00023	21.21	-162.63	0.00021
169.71	-28.28	0.00022	162.63	-35.36	0.00023
155.56	-42.43	0.00024	148.49	-49.50	0.00025
141.42	-56.57	0.00026	134.35	-63.64	0.00028
127.28	-70.71	0.00029	120.21	-77.78	0.00031
116.67	-81.32	0.00031	113.14	-84.85	0.00032

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00032	109.60	-88.39	0.00032
108.19	-89.80	0.00032	106.77	-91.22	0.00032
105.36	-92.63	0.00032	92.63	-105.36	0.00032
91.22	-106.77	0.00032	89.80	-108.19	0.00032
88.39	-109.60	0.00032	86.97	-111.02	0.00032
84.85	-113.14	0.00032	81.32	-116.67	0.00031
77.78	-120.21	0.00031	70.71	-127.28	0.00030
63.64	-134.35	0.00028	56.57	-141.42	0.00027
49.50	-148.49	0.00025	42.43	-155.56	0.00023
35.36	-162.63	0.00022	28.28	-169.71	0.00020

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

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

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00027	101.12	-125.16	0.00027
98.99	-127.28	0.00027	95.46	-130.81	0.00027
91.92	-134.35	0.00027	84.85	-141.42	0.00026
77.78	-148.49	0.00025	70.71	-155.56	0.00024
63.64	-162.63	0.00022	56.57	-169.71	0.00021
49.50	-176.78	0.00020	42.43	-183.85	0.00018
190.92	-49.50	0.00018	183.85	-56.57	0.00019
176.78	-63.64	0.00020	169.71	-70.71	0.00021
162.63	-77.78	0.00022	155.56	-84.85	0.00023
148.49	-91.92	0.00024	141.42	-98.99	0.00025
137.89	-102.53	0.00025	134.35	-106.07	0.00025
132.23	-108.19	0.00025	130.81	-109.60	0.00026
129.40	-111.02	0.00026	127.99	-112.43	0.00026
126.57	-113.84	0.00026	113.84	-126.57	0.00026
112.43	-127.99	0.00026	111.02	-129.40	0.00026
109.60	-130.81	0.00026	108.19	-132.23	0.00026

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at 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	0.00025	102.53	-137.89	0.00025
98.99	-141.42	0.00025	91.92	-148.49	0.00024
84.85	-155.56	0.00023	77.78	-162.63	0.00022
70.71	-169.71	0.00021	63.64	-176.78	0.00020
56.57	-183.85	0.00019	49.50	-190.92	0.00017
197.99	-56.57	0.00017	190.92	-63.64	0.00018
183.85	-70.71	0.00019	176.78	-77.78	0.00020
169.71	-84.85	0.00021	162.63	-91.92	0.00022
155.56	-98.99	0.00022	148.49	-106.07	0.00023
144.96	-109.60	0.00023	141.42	-113.14	0.00024
139.30	-115.26	0.00024	137.89	-116.67	0.00024
136.47	-118.09	0.00024	135.06	-119.50	0.00024
133.64	-120.92	0.00024	120.92	-133.64	0.00024
119.50	-135.06	0.00024	118.09	-136.47	0.00024
116.67	-137.89	0.00024	115.26	-139.30	0.00024
113.14	-141.42	0.00024	109.60	-144.96	0.00024
106.07	-148.49	0.00023	98.99	-155.56	0.00023
91.92	-162.63	0.00022	84.85	-169.71	0.00021

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00020	70.71	-183.85	0.00019
63.64	-190.92	0.00018	56.57	-197.99	0.00017
205.06	-63.64	0.00016	197.99	-70.71	0.00017
190.92	-77.78	0.00018	183.85	-84.85	0.00019
176.78	-91.92	0.00019	169.71	-98.99	0.00020
162.63	-106.07	0.00021	155.56	-113.14	0.00022
152.03	-116.67	0.00022	148.49	-120.21	0.00022
146.37	-122.33	0.00022	144.96	-123.74	0.00022
143.54	-125.16	0.00022	142.13	-126.57	0.00022
140.71	-127.99	0.00022	127.99	-140.71	0.00022
126.57	-142.13	0.00022	125.16	-143.54	0.00022
123.74	-144.96	0.00022	122.33	-146.37	0.00022
120.21	-148.49	0.00022	116.67	-152.03	0.00022
113.14	-155.56	0.00022	106.07	-162.63	0.00021
98.99	-169.71	0.00021	91.92	-176.78	0.00020
84.85	-183.85	0.00019	77.78	-190.92	0.00018
70.71	-197.99	0.00017	63.64	-205.06	0.00016
212.13	-70.71	0.00016	205.06	-77.78	0.00016
197.99	-84.85	0.00017	190.92	-91.92	0.00018
183.85	-98.99	0.00018	176.78	-106.07	0.00019
169.71	-113.14	0.00020	162.63	-120.21	0.00020
159.10	-123.74	0.00021	155.56	-127.28	0.00021

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at 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
153.44	-129.40	0.00021	152.03	-130.81	0.00021
150.61	-132.23	0.00021	149.20	-133.64	0.00021
147.79	-135.06	0.00021	135.06	-147.79	0.00021
133.64	-149.20	0.00021	132.23	-150.61	0.00021
130.81	-152.03	0.00021	129.40	-153.44	0.00021
127.28	-155.56	0.00021	123.74	-159.10	0.00021
120.21	-162.63	0.00021	113.14	-169.71	0.00020
106.07	-176.78	0.00019	98.99	-183.85	0.00019
91.92	-190.92	0.00018	84.85	-197.99	0.00017
77.78	-205.06	0.00016	70.71	-212.13	0.00015
219.20	-77.78	0.00015	212.13	-84.85	0.00015
205.06	-91.92	0.00016	197.99	-98.99	0.00017

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

**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
233.35	-91.92	0.00013	226.27	-98.99	0.00014
219.20	-106.07	0.00015	212.13	-113.14	0.00015
205.06	-120.21	0.00016	197.99	-127.28	0.00016
190.92	-134.35	0.00017	183.85	-141.42	0.00017
180.31	-144.96	0.00017	176.78	-148.49	0.00017
174.66	-150.61	0.00017	173.24	-152.03	0.00017

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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
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11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00016	159.10	-194.45	0.00016
155.56	-197.99	0.00015	148.49	-205.06	0.00015
141.42	-212.13	0.00015	134.35	-219.20	0.00015
127.28	-226.27	0.00014	120.21	-233.35	0.00014
113.14	-240.42	0.00013	106.07	-247.49	0.00012

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

*** 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_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	0.00135	-113.14	240.42	0.00159
-120.21	233.35	0.00188	-127.28	226.27	0.00223
-134.35	219.20	0.00264	-141.42	212.13	0.00312
-148.49	205.06	0.00364	-155.56	197.99	0.00411
-159.10	194.45	0.00424	-162.63	190.92	0.00425
-164.76	188.80	0.00417	-166.17	187.38	0.00409
-167.58	185.97	0.00397	-169.00	184.55	0.00383
-170.41	183.14	0.00364	-183.14	170.41	0.00137
-184.55	169.00	0.00122	-185.97	167.58	0.00110
-187.38	166.17	0.00099	-188.80	164.76	0.00090
-190.92	162.63	0.00079	-194.45	159.10	0.00066
-197.99	155.56	0.00056	-205.06	148.49	0.00043
-212.13	141.42	0.00035	-219.20	134.35	0.00030
-226.27	127.28	0.00026	-233.35	120.21	0.00023
-240.42	113.14	0.00021	-247.49	106.07	0.00018
-98.99	240.42	0.00136	-106.07	233.35	0.00161
-113.14	226.27	0.00193	-120.21	219.20	0.00232
-127.28	212.13	0.00279	-134.35	205.06	0.00336
-141.42	197.99	0.00404	-148.49	190.92	0.00479
-152.03	187.38	0.00515	-155.56	183.85	0.00541
-157.68	181.73	0.00548	-159.10	180.31	0.00546
-160.51	178.90	0.00538	-161.93	177.48	0.00523
-163.34	176.07	0.00501	-176.07	163.34	0.00150
-177.48	161.93	0.00132	-178.90	160.51	0.00117
-180.31	159.10	0.00106	-181.73	157.68	0.00097
-183.85	155.56	0.00085	-187.38	152.03	0.00071
-190.92	148.49	0.00061	-197.99	141.42	0.00047
-205.06	134.35	0.00039	-212.13	127.28	0.00033
-219.20	120.21	0.00029	-226.27	113.14	0.00025

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00022	-240.42	98.99	0.00019
-91.92	233.35	0.00135	-98.99	226.27	0.00162
-106.07	219.20	0.00195	-113.14	212.13	0.00237
-120.21	205.06	0.00290	-127.28	197.99	0.00356
-134.35	190.92	0.00438	-141.42	183.85	0.00535
-144.96	180.31	0.00589	-148.49	176.78	0.00642
-150.61	174.66	0.00671	-152.03	173.24	0.00687
-153.44	171.83	0.00701	-154.86	170.41	0.00710
-156.27	169.00	0.00709	-169.00	156.27	0.00162
-170.41	154.86	0.00142	-171.83	153.44	0.00126
-173.24	152.03	0.00114	-174.66	150.61	0.00104

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

19:38:54
 **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	0.00091	-180.31	144.96	0.00076
-183.85	141.42	0.00066	-190.92	134.35	0.00051
-197.99	127.28	0.00043	-205.06	120.21	0.00036
-212.13	113.14	0.00031	-219.20	106.07	0.00027
-226.27	99.00	0.00023	-233.35	91.92	0.00020
-84.85	226.27	0.00135	-91.92	219.20	0.00161
-98.99	212.13	0.00195	-106.07	205.06	0.00240
-113.14	197.99	0.00297	-120.21	190.92	0.00371
-127.28	183.85	0.00464	-134.35	176.78	0.00580
-137.89	173.24	0.00648	-141.42	169.71	0.00719
-143.54	167.58	0.00762	-144.96	166.17	0.00788
-146.37	164.76	0.00814	-147.79	163.34	0.00844
-149.20	161.93	0.00874	-161.93	149.20	0.00180
-163.34	147.79	0.00155	-164.76	146.37	0.00136
-166.17	144.96	0.00122	-167.58	143.54	0.00111
-169.71	141.42	0.00097	-173.24	137.89	0.00081
-176.78	134.35	0.00069	-183.85	127.28	0.00055
-190.92	120.21	0.00045	-197.99	113.14	0.00038
-205.06	106.07	0.00033	-212.13	99.00	0.00028
-219.20	91.92	0.00024	-226.27	84.85	0.00020
-77.78	219.20	0.00133	-84.85	212.13	0.00159
-91.92	205.06	0.00193	-98.99	197.99	0.00239
-106.07	190.92	0.00298	-113.14	183.85	0.00377

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00478	-127.28	169.71	0.00605
-130.81	166.17	0.00679	-134.35	162.63	0.00758
-136.47	160.51	0.00806	-137.89	159.10	0.00836
-139.30	157.68	0.00865	-140.71	156.27	0.00896
-142.13	154.86	0.00930	-154.86	142.13	0.00218
-156.27	140.71	0.00185	-157.68	139.30	0.00160
-159.10	137.89	0.00142	-160.51	136.47	0.00127
-162.63	134.35	0.00110	-166.17	130.81	0.00090
-169.71	127.28	0.00077	-176.78	120.21	0.00061
-183.85	113.14	0.00050	-190.92	106.07	0.00042
-197.99	99.00	0.00035	-205.06	91.92	0.00029
-212.13	84.85	0.00024	-219.20	77.78	0.00021
-70.71	212.13	0.00131	-77.78	205.06	0.00156
-84.85	197.99	0.00189	-91.92	190.92	0.00233
-98.99	183.85	0.00292	-106.07	176.78	0.00371
-113.14	169.71	0.00475	-120.21	162.63	0.00609
-123.74	159.10	0.00685	-127.28	155.56	0.00768

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

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

19:38:54

**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	0.00819	-130.81	152.03	0.00853
-132.23	150.61	0.00885	-133.64	149.20	0.00919
-135.06	147.79	0.00958	-147.79	135.06	0.00257
-149.20	133.64	0.00218	-150.61	132.23	0.00189
-152.03	130.81	0.00167	-153.44	129.40	0.00149
-155.56	127.28	0.00129	-159.10	123.74	0.00106
-162.63	120.21	0.00089	-169.71	113.14	0.00069
-176.78	106.07	0.00056	-183.85	98.99	0.00045
-190.92	91.92	0.00037	-197.99	84.85	0.00031
-205.06	77.78	0.00026	-212.13	70.71	0.00022
-63.64	205.06	0.00128	-70.71	197.99	0.00151
-77.78	190.92	0.00182	-84.85	183.85	0.00223
-91.92	176.78	0.00279	-98.99	169.71	0.00355
-106.07	162.63	0.00459	-113.14	155.56	0.00594
-116.67	152.03	0.00673	-120.21	148.49	0.00758
-122.33	146.37	0.00813	-123.74	144.96	0.00850
-125.16	143.54	0.00887	-126.57	142.13	0.00924

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00966	-140.71	127.99	0.00289
-142.13	126.57	0.00247	-143.54	125.16	0.00216
-144.96	123.74	0.00191	-146.37	122.33	0.00171
-148.49	120.21	0.00148	-152.03	116.67	0.00122
-155.56	113.14	0.00104	-162.63	106.07	0.00079
-169.71	98.99	0.00062	-176.78	91.92	0.00049
-183.85	84.85	0.00040	-190.92	77.78	0.00033
-197.99	70.71	0.00028	-205.06	63.64	0.00024
-56.57	197.99	0.00123	-63.64	190.92	0.00146
-70.71	183.85	0.00174	-77.78	176.78	0.00212
-84.85	169.71	0.00262	-91.92	162.63	0.00331
-98.99	155.56	0.00427	-106.07	148.49	0.00559
-109.60	144.96	0.00640	-113.14	141.42	0.00730
-115.26	139.30	0.00787	-116.67	137.89	0.00826
-118.09	136.47	0.00866	-119.50	135.06	0.00907
-120.92	133.64	0.00953	-133.64	120.92	0.00311
-135.06	119.50	0.00269	-136.47	118.09	0.00237
-137.89	116.67	0.00211	-139.30	115.26	0.00191
-141.42	113.14	0.00167	-144.96	109.60	0.00138
-148.49	106.07	0.00117	-155.56	98.99	0.00089
-162.63	91.92	0.00068	-169.71	84.85	0.00053
-176.78	77.78	0.00043	-183.85	70.71	0.00035
-190.92	63.64	0.00029	-197.99	56.57	0.00025

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

19:38:54
 **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	0.00118	-56.57	183.85	0.00139
-63.64	176.78	0.00165	-70.71	169.71	0.00198
-77.78	162.63	0.00242	-84.85	155.56	0.00301
-91.92	148.49	0.00384	-98.99	141.42	0.00505
-102.53	137.89	0.00585	-106.07	134.35	0.00676
-108.19	132.23	0.00736	-109.60	130.81	0.00777
-111.02	129.40	0.00820	-112.43	127.99	0.00865
-113.84	126.57	0.00914	-126.57	113.84	0.00324
-127.99	112.43	0.00283	-129.40	111.02	0.00252
-130.81	109.60	0.00227	-132.23	108.19	0.00207
-134.35	106.07	0.00183	-137.89	102.53	0.00152

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00129	-148.49	91.92	0.00096
-155.56	84.85	0.00074	-162.63	77.78	0.00058
-169.71	70.71	0.00046	-176.78	63.64	0.00038
-183.85	56.57	0.00031	-190.92	49.50	0.00026
-42.43	183.85	0.00113	-49.50	176.78	0.00131
-56.57	169.71	0.00155	-63.64	162.63	0.00184
-70.71	155.56	0.00222	-77.78	148.49	0.00271
-84.85	141.42	0.00338	-91.92	134.35	0.00437
-95.46	130.81	0.00505	-98.99	127.28	0.00590
-101.12	125.16	0.00650	-102.53	123.74	0.00693
-103.94	122.33	0.00738	-105.36	120.92	0.00787
-106.77	119.50	0.00842	-119.50	106.77	0.00330
-120.92	105.36	0.00292	-122.33	103.94	0.00263
-123.74	102.53	0.00240	-125.16	101.12	0.00220
-127.28	98.99	0.00195	-130.81	95.46	0.00163
-134.35	91.92	0.00138	-141.42	84.85	0.00103
-148.49	77.78	0.00079	-155.56	70.71	0.00063
-162.63	63.64	0.00050	-169.71	56.57	0.00040
-176.78	49.50	0.00033	-183.85	42.43	0.00027
-35.36	176.78	0.00106	-42.43	169.71	0.00123
-49.50	162.63	0.00144	-56.57	155.56	0.00169
-63.64	148.49	0.00201	-70.71	141.42	0.00241
-77.78	134.35	0.00294	-84.85	127.28	0.00367
-88.39	123.74	0.00416	-91.92	120.21	0.00478
-94.05	118.09	0.00526	-95.46	116.67	0.00563
-96.87	115.26	0.00606	-98.29	113.84	0.00656
-99.70	112.43	0.00715	-112.43	99.70	0.00332
-113.84	98.29	0.00298	-115.26	96.87	0.00270
-116.67	95.46	0.00248	-118.09	94.05	0.00228

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

19:38:54
 **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	0.00203	-123.74	88.39	0.00170
-127.28	84.85	0.00145	-134.35	77.78	0.00108
-141.42	70.71	0.00083	-148.49	63.64	0.00066
-155.56	56.57	0.00053	-162.63	49.50	0.00042
-169.71	42.43	0.00035	-176.78	35.36	0.00029

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00100	-35.36	162.63	0.00114
-42.43	155.56	0.00132	-49.50	148.49	0.00153
-56.57	141.42	0.00179	-63.64	134.35	0.00211
-70.71	127.28	0.00253	-77.78	120.21	0.00305
-81.32	116.67	0.00337	-84.85	113.14	0.00375
-86.97	111.02	0.00402	-88.39	109.60	0.00422
-89.80	108.19	0.00446	-91.22	106.77	0.00475
-92.63	105.36	0.00515	-105.36	92.63	0.00331
-106.77	91.22	0.00299	-108.19	89.80	0.00272
-109.60	88.39	0.00251	-111.02	86.97	0.00232
-113.14	84.85	0.00207	-116.67	81.32	0.00175
-120.21	77.78	0.00149	-127.28	70.71	0.00112
-134.35	63.64	0.00086	-141.42	56.57	0.00068
-148.49	49.50	0.00055	-155.56	42.43	0.00045
-162.63	35.36	0.00037	-169.71	28.28	0.00030
-21.21	162.63	0.00092	-28.28	155.56	0.00104
-35.36	148.49	0.00119	-42.43	141.42	0.00136
-49.50	134.35	0.00157	-56.57	127.28	0.00182
-63.64	120.21	0.00212	-70.71	113.14	0.00247
-74.25	109.60	0.00267	-77.78	106.07	0.00288
-79.90	103.94	0.00303	-81.32	102.53	0.00313
-82.73	101.12	0.00325	-84.15	99.70	0.00338
-85.56	98.29	0.00353	-98.29	85.56	0.00320
-99.70	84.15	0.00293	-101.12	82.73	0.00270
-102.53	81.32	0.00250	-103.94	79.90	0.00232
-106.07	77.78	0.00210	-109.60	74.25	0.00178
-113.14	70.71	0.00153	-120.21	63.64	0.00116
-127.28	56.57	0.00090	-134.35	49.50	0.00071
-141.42	42.43	0.00057	-148.49	35.36	0.00047
-155.56	28.28	0.00039	-162.63	21.21	0.00032
-14.14	155.56	0.00084	-21.21	148.49	0.00094
-28.28	141.42	0.00106	-35.36	134.35	0.00120
-42.43	127.28	0.00136	-49.50	120.21	0.00156
-56.57	113.14	0.00178	-63.64	106.07	0.00203
-67.18	102.53	0.00217	-70.71	98.99	0.00233

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:38:54
 **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 **

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00244	-74.25	95.46	0.00253
-75.66	94.05	0.00262	-77.07	92.63	0.00273
-78.49	91.22	0.00284	-91.22	78.49	0.00281
-92.63	77.07	0.00265	-94.05	75.66	0.00249
-95.46	74.25	0.00235	-96.87	72.83	0.00220
-98.99	70.71	0.00201	-102.53	67.18	0.00174
-106.07	63.64	0.00151	-113.14	56.57	0.00116
-120.21	49.50	0.00090	-127.28	42.43	0.00072
-134.35	35.36	0.00058	-141.42	28.28	0.00048
-148.49	21.21	0.00040	-155.56	14.14	0.00034
-7.07	148.49	0.00076	-14.14	141.42	0.00084
-21.21	134.35	0.00094	-28.28	127.28	0.00105
-35.36	120.21	0.00119	-42.43	113.14	0.00134
-49.50	106.07	0.00151	-56.57	98.99	0.00171
-60.10	95.46	0.00183	-63.64	91.92	0.00197
-65.76	89.80	0.00207	-67.18	88.39	0.00214
-68.59	86.97	0.00221	-70.00	85.56	0.00229
-71.42	84.15	0.00237	-84.15	71.42	0.00240
-85.56	70.00	0.00230	-86.97	68.59	0.00220
-88.39	67.18	0.00210	-89.80	65.76	0.00199
-91.92	63.64	0.00185	-95.46	60.10	0.00162
-98.99	56.57	0.00143	-106.07	49.50	0.00113
-113.14	42.43	0.00089	-120.21	35.36	0.00072
-127.28	28.28	0.00058	-134.35	21.21	0.00048
-141.42	14.14	0.00040	-148.49	7.07	0.00034
0.00	141.42	0.00069	-7.07	134.35	0.00076
-14.14	127.28	0.00084	-21.21	120.21	0.00093
-28.28	113.14	0.00104	-35.36	106.07	0.00116
-42.43	98.99	0.00130	-49.50	91.92	0.00147
-53.03	88.39	0.00158	-56.57	84.85	0.00169
-58.69	82.73	0.00177	-60.10	81.32	0.00182
-61.52	79.90	0.00188	-62.93	78.49	0.00193
-64.35	77.07	0.00199	-77.07	64.35	0.00202
-78.49	62.93	0.00197	-79.90	61.52	0.00190
-81.32	60.10	0.00183	-82.73	58.69	0.00176
-84.85	56.57	0.00166	-88.39	53.03	0.00148
-91.92	49.50	0.00132	-98.99	42.43	0.00106
-106.07	35.36	0.00086	-113.14	28.28	0.00070
-120.21	21.21	0.00058	-127.28	14.14	0.00048
-134.35	7.07	0.00040	-141.42	0.00	0.00034

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00062	0.00	127.28	0.00068
-7.07	120.21	0.00075	-14.14	113.14	0.00083
-21.21	106.07	0.00092	-28.28	98.99	0.00101
-35.36	91.92	0.00113	-42.43	84.85	0.00128
-45.96	81.32	0.00137	-49.50	77.78	0.00146
-51.62	75.66	0.00152	-53.03	74.25	0.00156
-54.45	72.83	0.00160	-55.86	71.42	0.00164
-57.28	70.00	0.00168	-70.00	57.28	0.00170
-71.42	55.86	0.00167	-72.83	54.45	0.00163
-74.25	53.03	0.00158	-75.66	51.62	0.00154
-77.78	49.50	0.00146	-81.32	45.96	0.00133
-84.85	42.43	0.00121	-91.92	35.36	0.00098
-98.99	28.28	0.00081	-106.07	21.21	0.00067
-113.14	14.14	0.00056	-120.21	7.07	0.00047
-127.28	0.00	0.00040	-134.35	-7.07	0.00034
14.14	127.28	0.00057	7.07	120.21	0.00062
0.00	113.14	0.00067	-7.07	106.07	0.00074
-14.14	98.99	0.00081	-21.21	91.92	0.00090
-28.28	84.85	0.00100	-35.36	77.78	0.00112
-38.89	74.25	0.00119	-42.43	70.71	0.00126
-44.55	68.59	0.00131	-45.96	67.18	0.00134
-47.38	65.76	0.00137	-48.79	64.35	0.00140
-50.20	62.93	0.00142	-62.93	50.20	0.00144
-64.35	48.79	0.00142	-65.76	47.38	0.00139
-67.18	45.96	0.00136	-68.59	44.55	0.00133
-70.71	42.43	0.00128	-74.25	38.89	0.00118
-77.78	35.36	0.00109	-84.85	28.28	0.00091
-91.92	21.21	0.00076	-98.99	14.14	0.00064
-106.07	7.07	0.00054	-113.14	0.00	0.00046
-120.21	-7.07	0.00039	-127.28	-14.14	0.00034
21.21	120.21	0.00052	14.14	113.14	0.00056
7.07	106.07	0.00061	0.00	98.99	0.00066
-7.07	91.92	0.00073	-14.14	84.85	0.00080
-21.21	77.78	0.00089	-28.28	70.71	0.00099
-31.82	67.18	0.00104	-35.36	63.64	0.00110
-37.48	61.52	0.00114	-38.89	60.10	0.00116
-40.31	58.69	0.00118	-41.72	57.28	0.00120

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00122	-55.86	43.13	0.00123
-57.28	41.72	0.00121	-58.69	40.31	0.00120
-60.10	38.89	0.00118	-61.52	37.48	0.00116

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

19:38:54
 **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	0.00112	-67.18	31.82	0.00105
-70.71	28.28	0.00098	-77.78	21.21	0.00083
-84.85	14.14	0.00070	-91.92	7.07	0.00060
-98.99	0.00	0.00051	-106.07	-7.07	0.00044
-113.14	-14.14	0.00038	-120.21	-21.21	0.00033
28.28	113.14	0.00047	21.21	106.07	0.00051
14.14	98.99	0.00055	7.07	91.92	0.00060
0.00	84.85	0.00066	-7.07	77.78	0.00072
-14.14	70.71	0.00079	-21.21	63.64	0.00087
-24.75	60.10	0.00091	-28.28	56.57	0.00096
-30.41	54.45	0.00099	-31.82	53.03	0.00101
-33.23	51.62	0.00102	-34.65	50.20	0.00104
-36.06	48.79	0.00105	-48.79	36.06	0.00106
-50.20	34.65	0.00105	-51.62	33.23	0.00104
-53.03	31.82	0.00102	-54.45	30.41	0.00101
-56.57	28.28	0.00098	-60.10	24.75	0.00093
-63.64	21.21	0.00087	-70.71	14.14	0.00076
-77.78	7.07	0.00065	-84.85	0.00	0.00056
-91.92	-7.07	0.00048	-98.99	-14.14	0.00042
-106.07	-21.21	0.00037	-113.14	-28.28	0.00032
35.36	106.07	0.00043	28.28	98.99	0.00046
21.21	91.92	0.00050	14.14	84.85	0.00055
7.07	77.78	0.00060	0.00	70.71	0.00065
-7.07	63.64	0.00071	-14.14	56.57	0.00077
-17.68	53.03	0.00081	-21.21	49.50	0.00085
-23.33	47.38	0.00087	-24.75	45.96	0.00088
-26.16	44.55	0.00089	-27.58	43.13	0.00090
-28.99	41.72	0.00091	-41.72	28.99	0.00092
-43.13	27.58	0.00091	-44.55	26.16	0.00090
-45.96	24.75	0.00089	-47.38	23.33	0.00088
-49.50	21.21	0.00086	-53.03	17.68	0.00083

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00078	-63.64	7.07	0.00069
-70.71	0.00	0.00061	-77.78	-7.07	0.00053
-84.85	-14.14	0.00046	-91.92	-21.21	0.00040
-98.99	-28.28	0.00035	-106.07	-35.36	0.00031
42.43	98.99	0.00039	35.36	91.92	0.00042
28.28	84.85	0.00046	21.21	77.78	0.00050
14.14	70.71	0.00054	7.07	63.64	0.00059
0.00	56.57	0.00063	-7.07	49.50	0.00069
-10.61	45.96	0.00072	-14.14	42.43	0.00075

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

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

19:38:54

**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	0.00077	-17.68	38.89	0.00078
-19.09	37.48	0.00079	-20.51	36.06	0.00079
-21.92	34.65	0.00080	-34.65	21.92	0.00080
-36.06	20.51	0.00080	-37.48	19.09	0.00079
-38.89	17.68	0.00079	-40.31	16.26	0.00078
-42.43	14.14	0.00076	-45.96	10.61	0.00074
-49.50	7.07	0.00070	-56.57	0.00	0.00063
-63.64	-7.07	0.00056	-70.71	-14.14	0.00049
-77.78	-21.21	0.00043	-84.85	-28.28	0.00038
-91.92	-35.36	0.00033	-98.99	-42.43	0.00030
49.50	91.92	0.00036	42.43	84.85	0.00039
35.36	77.78	0.00043	28.28	70.71	0.00046
21.21	63.64	0.00049	14.14	56.57	0.00053
7.07	49.50	0.00057	0.00	42.43	0.00062
-3.54	38.89	0.00065	-7.07	35.36	0.00067
-9.19	33.23	0.00068	-10.61	31.82	0.00069
-12.02	30.41	0.00070	-13.44	28.99	0.00070
-14.85	27.58	0.00071	-27.58	14.85	0.00071
-28.99	13.44	0.00071	-30.41	12.02	0.00070
-31.82	10.61	0.00070	-33.23	9.19	0.00069
-35.36	7.07	0.00068	-38.89	3.54	0.00066
-42.43	0.00	0.00063	-49.50	-7.07	0.00058
-56.57	-14.14	0.00052	-63.64	-21.21	0.00046
-70.71	-28.28	0.00041	-77.78	-35.36	0.00036
-84.85	-42.43	0.00032	-91.92	-49.50	0.00028

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00034	49.50	77.78	0.00037
42.43	70.71	0.00039	35.36	63.64	0.00042
28.28	56.57	0.00045	21.21	49.50	0.00048
14.14	42.43	0.00052	7.07	35.36	0.00056
3.54	31.82	0.00058	0.00	28.28	0.00060
-2.12	26.16	0.00061	-3.54	24.75	0.00062
-4.95	23.33	0.00062	-6.36	21.92	0.00062
-7.78	20.51	0.00063	-20.51	7.78	0.00063
-21.92	6.36	0.00063	-23.33	4.95	0.00062
-24.75	3.54	0.00062	-26.16	2.12	0.00062
-28.28	0.00	0.00061	-31.82	-3.54	0.00059
-35.36	-7.07	0.00057	-42.43	-14.14	0.00053
-49.50	-21.21	0.00048	-56.57	-28.28	0.00043
-63.64	-35.36	0.00038	-70.71	-42.43	0.00034
-77.78	-49.50	0.00030	-84.85	-56.57	0.00027

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

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

19:38:54
 **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	0.00032	56.57	70.71	0.00034
49.50	63.64	0.00037	42.43	56.57	0.00039
35.36	49.50	0.00041	28.28	42.43	0.00044
21.21	35.36	0.00047	14.14	28.28	0.00051
10.61	24.75	0.00053	7.07	21.21	0.00054
4.95	19.09	0.00055	3.54	17.68	0.00055
2.12	16.26	0.00056	0.71	14.85	0.00056
-0.71	13.44	0.00056	-13.44	0.71	0.00056
-14.85	-0.71	0.00056	-16.26	-2.12	0.00056
-17.68	-3.54	0.00056	-19.09	-4.95	0.00055
-21.21	-7.07	0.00055	-24.75	-10.61	0.00053
-28.28	-14.14	0.00052	-35.36	-21.21	0.00048
-42.43	-28.28	0.00044	-49.50	-35.36	0.00040
-56.57	-42.43	0.00036	-63.64	-49.50	0.00032
-70.71	-56.57	0.00029	-77.78	-63.64	0.00026
70.71	70.71	0.00030	63.64	63.64	0.00032
56.57	56.57	0.00034	49.50	49.50	0.00036
42.43	42.43	0.00038	35.36	35.36	0.00040
28.28	28.28	0.00043	21.21	21.21	0.00046

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00048	14.14	14.14	0.00049
12.02	12.02	0.00050	10.61	10.61	0.00050
9.19	9.19	0.00050	7.78	7.78	0.00050
6.36	6.36	0.00051	-6.36	-6.36	0.00051
-7.78	-7.78	0.00051	-9.19	-9.19	0.00050
-10.61	-10.61	0.00050	-12.02	-12.02	0.00050
-14.14	-14.14	0.00049	-17.68	-17.68	0.00048
-21.21	-21.21	0.00047	-28.28	-28.28	0.00044
-35.36	-35.36	0.00041	-42.43	-42.43	0.00037
-49.50	-49.50	0.00034	-56.57	-56.57	0.00031
-63.64	-63.64	0.00028	-70.71	-70.71	0.00025
77.78	63.64	0.00028	70.71	56.57	0.00030
63.64	49.50	0.00031	56.57	42.43	0.00033
49.50	35.36	0.00035	42.43	28.28	0.00037
35.36	21.21	0.00040	28.28	14.14	0.00042
24.75	10.61	0.00044	21.21	7.07	0.00044
19.09	4.95	0.00045	17.68	3.54	0.00045
16.26	2.12	0.00045	14.85	0.71	0.00046
13.44	-0.71	0.00046	0.71	-13.44	0.00046
-0.71	-14.85	0.00046	-2.12	-16.26	0.00046
-3.54	-17.68	0.00045	-4.95	-19.09	0.00045

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

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

19:38:54

**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	0.00045	-10.61	-24.75	0.00044
-14.14	-28.28	0.00043	-21.21	-35.36	0.00041
-28.28	-42.43	0.00038	-35.36	-49.50	0.00035
-42.43	-56.57	0.00032	-49.50	-63.64	0.00029
-56.57	-70.71	0.00026	-63.64	-77.78	0.00024
84.85	56.57	0.00026	77.78	49.50	0.00028
70.71	42.43	0.00029	63.64	35.36	0.00031
56.57	28.28	0.00032	49.50	21.21	0.00034
42.43	14.14	0.00037	35.36	7.07	0.00039
31.82	3.54	0.00040	28.28	0.00	0.00041
26.16	-2.12	0.00041	24.75	-3.54	0.00041
23.33	-4.95	0.00041	21.92	-6.36	0.00042
20.51	-7.78	0.00042	7.78	-20.51	0.00042

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00042	4.95	-23.33	0.00042
3.54	-24.75	0.00041	2.12	-26.16	0.00041
0.00	-28.28	0.00041	-3.54	-31.82	0.00040
-7.07	-35.36	0.00039	-14.14	-42.43	0.00037
-21.21	-49.50	0.00035	-28.28	-56.57	0.00032
-35.36	-63.64	0.00030	-42.43	-70.71	0.00027
-49.50	-77.78	0.00025	-56.57	-84.85	0.00023
91.92	49.50	0.00025	84.85	42.43	0.00026
77.78	35.36	0.00027	70.71	28.28	0.00029
63.64	21.21	0.00030	56.57	14.14	0.00032
49.50	7.07	0.00034	42.43	0.00	0.00036
38.89	-3.54	0.00037	35.36	-7.07	0.00037
33.23	-9.19	0.00038	31.82	-10.61	0.00038
30.41	-12.02	0.00038	28.99	-13.44	0.00038
27.58	-14.85	0.00038	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	0.00037	3.54	-38.89	0.00037
0.00	-42.43	0.00036	-7.07	-49.50	0.00035
-14.14	-56.57	0.00033	-21.21	-63.64	0.00030
-28.28	-70.71	0.00028	-35.36	-77.78	0.00026
-42.43	-84.85	0.00024	-49.50	-91.92	0.00022
98.99	42.43	0.00023	91.92	35.36	0.00024
84.85	28.28	0.00025	77.78	21.21	0.00027
70.71	14.14	0.00028	63.64	7.07	0.00030
56.57	0.00	0.00031	49.50	-7.07	0.00033
45.96	-10.61	0.00034	42.43	-14.14	0.00034

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

19:38:54
 **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	0.00034	38.89	-17.68	0.00035
37.48	-19.09	0.00035	36.06	-20.51	0.00035
34.65	-21.92	0.00035	21.92	-34.65	0.00035
20.51	-36.06	0.00035	19.09	-37.48	0.00035
17.68	-38.89	0.00035	16.26	-40.31	0.00035
14.14	-42.43	0.00034	10.61	-45.96	0.00034
7.07	-49.50	0.00033	0.00	-56.57	0.00032

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00030	-14.14	-70.71	0.00028
-21.21	-77.78	0.00026	-28.28	-84.85	0.00025
-35.36	-91.92	0.00023	-42.43	-98.99	0.00021
106.07	35.36	0.00022	98.99	28.28	0.00023
91.92	21.21	0.00024	84.85	14.14	0.00025
77.78	7.07	0.00026	70.71	0.00	0.00028
63.64	-7.07	0.00029	56.57	-14.14	0.00031
53.03	-17.68	0.00031	49.50	-21.21	0.00032
47.38	-23.33	0.00032	45.96	-24.75	0.00032
44.55	-26.16	0.00032	43.13	-27.58	0.00032
41.72	-28.99	0.00032	28.99	-41.72	0.00032
27.58	-43.13	0.00032	26.16	-44.55	0.00032
24.75	-45.96	0.00032	23.33	-47.38	0.00032
21.21	-49.50	0.00032	17.68	-53.03	0.00031
14.14	-56.57	0.00031	7.07	-63.64	0.00030
0.00	-70.71	0.00028	-7.07	-77.78	0.00027
-14.14	-84.85	0.00025	-21.21	-91.92	0.00023
-28.28	-98.99	0.00022	-35.36	-106.07	0.00020
113.14	28.28	0.00021	106.07	21.21	0.00021
98.99	14.14	0.00022	91.92	7.07	0.00023
84.85	0.00	0.00025	77.78	-7.07	0.00026
70.71	-14.14	0.00027	63.64	-21.21	0.00028
60.10	-24.75	0.00029	56.57	-28.28	0.00029
54.45	-30.41	0.00029	53.03	-31.82	0.00030
51.62	-33.23	0.00030	50.20	-34.65	0.00030
48.79	-36.06	0.00030	36.06	-48.79	0.00030
34.65	-50.20	0.00030	33.23	-51.62	0.00030
31.82	-53.03	0.00030	30.41	-54.45	0.00030
28.28	-56.57	0.00029	24.75	-60.10	0.00029
21.21	-63.64	0.00029	14.14	-70.71	0.00028
7.07	-77.78	0.00027	0.00	-84.85	0.00025
-7.07	-91.92	0.00024	-14.14	-98.99	0.00022
-21.21	-106.07	0.00021	-28.28	-113.14	0.00019

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

19:38:54
 **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	0.00019	113.14	14.14	0.00020

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00021	98.99	0.00	0.00022
91.92	-7.07	0.00023	84.85	-14.14	0.00024
77.78	-21.21	0.00025	70.71	-28.28	0.00026
67.18	-31.82	0.00027	63.64	-35.36	0.00027
61.52	-37.48	0.00027	60.10	-38.89	0.00027
58.69	-40.31	0.00027	57.28	-41.72	0.00028
55.86	-43.13	0.00028	43.13	-55.86	0.00028
41.72	-57.28	0.00028	40.31	-58.69	0.00028
38.89	-60.10	0.00027	37.48	-61.52	0.00027
35.36	-63.64	0.00027	31.82	-67.18	0.00027
28.28	-70.71	0.00027	21.21	-77.78	0.00026
14.14	-84.85	0.00025	7.07	-91.92	0.00024
0.00	-98.99	0.00022	-7.07	-106.07	0.00021
-14.14	-113.14	0.00020	-21.21	-120.21	0.00018
127.28	14.14	0.00018	120.21	7.07	0.00019
113.14	0.00	0.00020	106.07	-7.07	0.00021
98.99	-14.14	0.00022	91.92	-21.21	0.00023
84.85	-28.28	0.00024	77.78	-35.36	0.00025
74.25	-38.89	0.00025	70.71	-42.43	0.00025
68.59	-44.55	0.00025	67.18	-45.96	0.00026
65.76	-47.38	0.00026	64.35	-48.79	0.00026
62.93	-50.20	0.00026	50.20	-62.93	0.00026
48.79	-64.35	0.00026	47.38	-65.76	0.00026
45.96	-67.18	0.00026	44.55	-68.59	0.00026
42.43	-70.71	0.00025	38.89	-74.25	0.00025
35.36	-77.78	0.00025	28.28	-84.85	0.00024
21.21	-91.92	0.00023	14.14	-98.99	0.00022
7.07	-106.07	0.00021	0.00	-113.14	0.00020
-7.07	-120.21	0.00019	-14.14	-127.28	0.00017
134.35	7.07	0.00017	127.28	0.00	0.00018
120.21	-7.07	0.00019	113.14	-14.14	0.00020
106.07	-21.21	0.00021	98.99	-28.28	0.00022
91.92	-35.36	0.00022	84.85	-42.43	0.00023
81.32	-45.96	0.00023	77.78	-49.50	0.00024
75.66	-51.62	0.00024	74.25	-53.03	0.00024
72.83	-54.45	0.00024	71.42	-55.86	0.00024
70.00	-57.28	0.00024	57.28	-70.00	0.00024
55.86	-71.42	0.00024	54.45	-72.83	0.00024
53.03	-74.25	0.00024	51.62	-75.66	0.00024

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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	0.00024	45.96	-81.32	0.00024
42.43	-84.85	0.00023	35.36	-91.92	0.00023
28.28	-98.99	0.00022	21.21	-106.07	0.00021
14.14	-113.14	0.00020	7.07	-120.21	0.00019
0.00	-127.28	0.00018	-7.07	-134.35	0.00017
141.42	0.00	0.00016	134.35	-7.07	0.00017
127.28	-14.14	0.00018	120.21	-21.21	0.00019
113.14	-28.28	0.00019	106.07	-35.36	0.00020
98.99	-42.43	0.00021	91.92	-49.50	0.00022
88.39	-53.03	0.00022	84.85	-56.57	0.00022
82.73	-58.69	0.00022	81.32	-60.10	0.00022
79.90	-61.52	0.00022	78.49	-62.93	0.00022
77.07	-64.35	0.00022	64.35	-77.07	0.00022
62.93	-78.49	0.00022	61.52	-79.90	0.00022
60.10	-81.32	0.00022	58.69	-82.73	0.00022
56.57	-84.85	0.00022	53.03	-88.39	0.00022
49.50	-91.92	0.00022	42.43	-98.99	0.00021
35.36	-106.07	0.00021	28.28	-113.14	0.00020
21.21	-120.21	0.00019	14.14	-127.28	0.00018
7.07	-134.35	0.00017	0.00	-141.42	0.00016
148.49	-7.07	0.00016	141.42	-14.14	0.00016
134.35	-21.21	0.00017	127.28	-28.28	0.00018
120.21	-35.36	0.00018	113.14	-42.43	0.00019
106.07	-49.50	0.00020	98.99	-56.57	0.00020
95.46	-60.10	0.00021	91.92	-63.64	0.00021
89.80	-65.76	0.00021	88.39	-67.18	0.00021
86.97	-68.59	0.00021	85.56	-70.00	0.00021
84.15	-71.42	0.00021	71.42	-84.15	0.00021
70.00	-85.56	0.00021	68.59	-86.97	0.00021
67.18	-88.39	0.00021	65.76	-89.80	0.00021
63.64	-91.92	0.00021	60.10	-95.46	0.00021
56.57	-98.99	0.00021	49.50	-106.07	0.00020
42.43	-113.14	0.00019	35.36	-120.21	0.00019
28.28	-127.28	0.00018	21.21	-134.35	0.00017
14.14	-141.42	0.00016	7.07	-148.49	0.00015
155.56	-14.14	0.00015	148.49	-21.21	0.00015
141.42	-28.28	0.00016	134.35	-35.36	0.00017
127.28	-42.43	0.00017	120.21	-49.50	0.00018
113.14	-56.57	0.00019	106.07	-63.64	0.00019

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00018	89.80	-108.19	0.00017
88.39	-109.60	0.00017	86.97	-111.02	0.00017
84.85	-113.14	0.00017	81.32	-116.67	0.00017
77.78	-120.21	0.00017	70.71	-127.28	0.00017
63.64	-134.35	0.00017	56.57	-141.42	0.00016
49.50	-148.49	0.00015	42.43	-155.56	0.00015
35.36	-162.63	0.00014	28.28	-169.71	0.00013

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** 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_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	0.00013	169.71	-42.43	0.00013
162.63	-49.50	0.00014	155.56	-56.57	0.00014
148.49	-63.64	0.00015	141.42	-70.71	0.00015
134.35	-77.78	0.00016	127.28	-84.85	0.00016
123.74	-88.39	0.00016	120.21	-91.92	0.00016
118.09	-94.05	0.00016	116.67	-95.46	0.00016
115.26	-96.87	0.00017	113.84	-98.29	0.00017
112.43	-99.70	0.00017	99.70	-112.43	0.00017
98.29	-113.84	0.00017	96.87	-115.26	0.00017
95.46	-116.67	0.00017	94.05	-118.09	0.00016
91.92	-120.21	0.00016	88.39	-123.74	0.00016
84.85	-127.28	0.00016	77.78	-134.35	0.00016
70.71	-141.42	0.00016	63.64	-148.49	0.00015
56.57	-155.56	0.00015	49.50	-162.63	0.00014
42.43	-169.71	0.00014	35.36	-176.78	0.00013
183.85	-42.43	0.00012	176.78	-49.50	0.00013
169.71	-56.57	0.00013	162.63	-63.64	0.00014
155.56	-70.71	0.00014	148.49	-77.78	0.00015
141.42	-84.85	0.00015	134.35	-91.92	0.00015
130.81	-95.46	0.00015	127.28	-98.99	0.00016
125.16	-101.12	0.00016	123.74	-102.53	0.00016
122.33	-103.94	0.00016	120.92	-105.36	0.00016
119.50	-106.77	0.00016	106.77	-119.50	0.00016
105.36	-120.92	0.00016	103.94	-122.33	0.00016
102.53	-123.74	0.00016	101.12	-125.16	0.00016
98.99	-127.28	0.00016	95.46	-130.81	0.00016
91.92	-134.35	0.00015	84.85	-141.42	0.00015

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00015	70.71	-155.56	0.00015
63.64	-162.63	0.00014	56.57	-169.71	0.00014
49.50	-176.78	0.00013	42.43	-183.85	0.00012
190.92	-49.50	0.00012	183.85	-56.57	0.00012
176.78	-63.64	0.00013	169.71	-70.71	0.00013
162.63	-77.78	0.00014	155.56	-84.85	0.00014
148.49	-91.92	0.00014	141.42	-98.99	0.00015
137.89	-102.53	0.00015	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00015
129.40	-111.02	0.00015	127.99	-112.43	0.00015
126.57	-113.84	0.00015	113.84	-126.57	0.00015
112.43	-127.99	0.00015	111.02	-129.40	0.00015
109.60	-130.81	0.00015	108.19	-132.23	0.00015

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

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

19:38:54
 **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	-134.35	0.00015	102.53	-137.89	0.00015
98.99	-141.42	0.00015	91.92	-148.49	0.00014
84.85	-155.56	0.00014	77.78	-162.63	0.00014
70.71	-169.71	0.00013	63.64	-176.78	0.00013
56.57	-183.85	0.00012	49.50	-190.92	0.00012
197.99	-56.57	0.00011	190.92	-63.64	0.00012
183.85	-70.71	0.00012	176.78	-77.78	0.00013
169.71	-84.85	0.00013	162.63	-91.92	0.00013
155.56	-98.99	0.00014	148.49	-106.07	0.00014
144.96	-109.60	0.00014	141.42	-113.14	0.00014
139.30	-115.26	0.00014	137.89	-116.67	0.00014
136.47	-118.09	0.00014	135.06	-119.50	0.00014
133.64	-120.92	0.00014	120.92	-133.64	0.00014
119.50	-135.06	0.00014	118.09	-136.47	0.00014
116.67	-137.89	0.00014	115.26	-139.30	0.00014
113.14	-141.42	0.00014	109.60	-144.96	0.00014
106.07	-148.49	0.00014	98.99	-155.56	0.00014
91.92	-162.63	0.00013	84.85	-169.71	0.00013
77.78	-176.78	0.00013	70.71	-183.85	0.00012
63.64	-190.92	0.00012	56.57	-197.99	0.00011
205.06	-63.64	0.00011	197.99	-70.71	0.00011

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:38:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00013	152.03	-130.81	0.00013
150.61	-132.23	0.00013	149.20	-133.64	0.00013
147.79	-135.06	0.00013	135.06	-147.79	0.00013
133.64	-149.20	0.00013	132.23	-150.61	0.00013
130.81	-152.03	0.00013	129.40	-153.44	0.00013
127.28	-155.56	0.00013	123.74	-159.10	0.00013
120.21	-162.63	0.00013	113.14	-169.71	0.00012
106.07	-176.78	0.00012	98.99	-183.85	0.00012
91.92	-190.92	0.00012	84.85	-197.99	0.00011
77.78	-205.06	0.00011	70.71	-212.13	0.00011
219.20	-77.78	0.00010	212.13	-84.85	0.00010
205.06	-91.92	0.00011	197.99	-98.99	0.00011
190.92	-106.07	0.00011	183.85	-113.14	0.00012
176.78	-120.21	0.00012	169.71	-127.28	0.00012
166.17	-130.81	0.00012	162.63	-134.35	0.00012

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

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

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

19:38:54
 **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	0.00009	226.27	-98.99	0.00010
219.20	-106.07	0.00010	212.13	-113.14	0.00010
205.06	-120.21	0.00010	197.99	-127.28	0.00011
190.92	-134.35	0.00011	183.85	-141.42	0.00011
180.31	-144.96	0.00011	176.78	-148.49	0.00011
174.66	-150.61	0.00011	173.24	-152.03	0.00011
171.83	-153.44	0.00011	170.41	-154.86	0.00011
169.00	-156.27	0.00011	156.27	-169.00	0.00011
154.86	-170.41	0.00011	153.44	-171.83	0.00011

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00011	150.61	-174.66	0.00011
148.49	-176.78	0.00011	144.96	-180.31	0.00011
141.42	-183.85	0.00011	134.35	-190.92	0.00011
127.28	-197.99	0.00011	120.21	-205.06	0.00011
113.14	-212.13	0.00010	106.07	-219.20	0.00010
98.99	-226.27	0.00010	91.92	-233.35	0.00010
240.42	-98.99	0.00009	233.35	-106.07	0.00009
226.27	-113.14	0.00010	219.20	-120.21	0.00010
212.13	-127.28	0.00010	205.06	-134.35	0.00010
197.99	-141.42	0.00010	190.92	-148.49	0.00011
187.38	-152.03	0.00011	183.85	-155.56	0.00011
181.73	-157.68	0.00011	180.31	-159.10	0.00011
178.90	-160.51	0.00011	177.48	-161.93	0.00011
176.07	-163.34	0.00011	163.34	-176.07	0.00011
161.93	-177.48	0.00011	160.51	-178.90	0.00011
159.10	-180.31	0.00011	157.68	-181.73	0.00011
155.56	-183.85	0.00011	152.03	-187.38	0.00011
148.49	-190.92	0.00011	141.42	-197.99	0.00010
134.35	-205.06	0.00010	127.28	-212.13	0.00010
120.21	-219.20	0.00010	113.14	-226.27	0.00010
106.07	-233.35	0.00009	98.99	-240.42	0.00009
247.49	-106.07	0.00009	240.42	-113.14	0.00009
233.35	-120.21	0.00009	226.27	-127.28	0.00009
219.20	-134.35	0.00010	212.13	-141.42	0.00010
205.06	-148.49	0.00010	197.99	-155.56	0.00010
194.45	-159.10	0.00010	190.92	-162.63	0.00010
188.80	-164.76	0.00010	187.38	-166.17	0.00010
185.97	-167.58	0.00010	184.55	-169.00	0.00010
183.14	-170.41	0.00010	170.41	-183.14	0.00010
169.00	-184.55	0.00010	167.58	-185.97	0.00010
166.17	-187.38	0.00010	164.76	-188.80	0.00010

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

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

19:38:54

**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
162.63	-190.92	0.00010	159.10	-194.45	0.00010
155.56	-197.99	0.00010	148.49	-205.06	0.00010
141.42	-212.13	0.00010	134.35	-219.20	0.00010

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00010	120.21	-233.35	0.00009
113.14	-240.42	0.00009	106.07	-247.49	0.00009

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

19:38:54
 **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	0.00293	-113.14	240.42	0.00319
-120.21	233.35	0.00350	-127.28	226.27	0.00384
-134.35	219.20	0.00424	-141.42	212.13	0.00467
-148.49	205.06	0.00513	-155.56	197.99	0.00550
-159.10	194.45	0.00558	-162.63	190.92	0.00552
-164.76	188.80	0.00540	-166.17	187.38	0.00528
-167.58	185.97	0.00514	-169.00	184.55	0.00496
-170.41	183.14	0.00475	-183.14	170.41	0.00220
-184.55	169.00	0.00203	-185.97	167.58	0.00188
-187.38	166.17	0.00174	-188.80	164.76	0.00163
-190.92	162.63	0.00148	-194.45	159.10	0.00130
-197.99	155.56	0.00117	-205.06	148.49	0.00096
-212.13	141.42	0.00081	-219.20	134.35	0.00070
-226.27	127.28	0.00062	-233.35	120.21	0.00055
-240.42	113.14	0.00049	-247.49	106.07	0.00044
-98.99	240.42	0.00306	-106.07	233.35	0.00336
-113.14	226.27	0.00370	-120.21	219.20	0.00409
-127.28	212.13	0.00456	-134.35	205.06	0.00509
-141.42	197.99	0.00571	-148.49	190.92	0.00635
-152.03	187.38	0.00665	-155.56	183.85	0.00683
-157.68	181.73	0.00685	-159.10	180.31	0.00680
-160.51	178.90	0.00668	-161.93	177.48	0.00649
-163.34	176.07	0.00624	-176.07	163.34	0.00241
-177.48	161.93	0.00220	-178.90	160.51	0.00202
-180.31	159.10	0.00188	-181.73	157.68	0.00175
-183.85	155.56	0.00160	-187.38	152.03	0.00141
-190.92	148.49	0.00125	-197.99	141.42	0.00103
-205.06	134.35	0.00087	-212.13	127.28	0.00075
-219.20	120.21	0.00065	-226.27	113.14	0.00058
-233.35	106.07	0.00051	-240.42	98.99	0.00046
-91.92	233.35	0.00319	-98.99	226.27	0.00352
-106.07	219.20	0.00389	-113.14	212.13	0.00434

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00487	-127.28	197.99	0.00550
-134.35	190.92	0.00625	-141.42	183.85	0.00712
-144.96	180.31	0.00759	-148.49	176.78	0.00803
-150.61	174.66	0.00825	-152.03	173.24	0.00837
-153.44	171.83	0.00848	-154.86	170.41	0.00853
-156.27	169.00	0.00847	-169.00	156.27	0.00262
-170.41	154.86	0.00238	-171.83	153.44	0.00218
-173.24	152.03	0.00203	-174.66	150.61	0.00189

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

19:38:54
 **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
-176.78	148.49	0.00173	-180.31	144.96	0.00151
-183.85	141.42	0.00135	-190.92	134.35	0.00110
-197.99	127.28	0.00093	-205.06	120.21	0.00080
-212.13	113.14	0.00069	-219.20	106.07	0.00061
-226.27	99.00	0.00054	-233.35	91.92	0.00048
-84.85	226.27	0.00332	-91.92	219.20	0.00367
-98.99	212.13	0.00409	-106.07	205.06	0.00458
-113.14	197.99	0.00517	-120.21	190.92	0.00589
-127.28	183.85	0.00676	-134.35	176.78	0.00781
-137.89	173.24	0.00841	-141.42	169.71	0.00903
-143.54	167.58	0.00938	-144.96	166.17	0.00960
-146.37	164.76	0.00981	-147.79	163.34	0.01006
-149.20	161.93	0.01030	-161.93	149.20	0.00289
-163.34	147.79	0.00259	-164.76	146.37	0.00237
-166.17	144.96	0.00219	-167.58	143.54	0.00204
-169.71	141.42	0.00185	-173.24	137.89	0.00161
-176.78	134.35	0.00143	-183.85	127.28	0.00117
-190.92	120.21	0.00098	-197.99	113.14	0.00084
-205.06	106.07	0.00073	-212.13	99.00	0.00063
-219.20	91.92	0.00056	-226.27	84.85	0.00050
-77.78	219.20	0.00345	-84.85	212.13	0.00383
-91.92	205.06	0.00427	-98.99	197.99	0.00481
-106.07	190.92	0.00545	-113.14	183.85	0.00624
-120.21	176.78	0.00720	-127.28	169.71	0.00836
-130.81	166.17	0.00901	-134.35	162.63	0.00970
-136.47	160.51	0.01009	-137.89	159.10	0.01034

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.01057	-140.71	156.27	0.01082
-142.13	154.86	0.01110	-154.86	142.13	0.00339
-156.27	140.71	0.00300	-157.68	139.30	0.00271
-159.10	137.89	0.00248	-160.51	136.47	0.00229
-162.63	134.35	0.00206	-166.17	130.81	0.00177
-169.71	127.28	0.00156	-176.78	120.21	0.00126
-183.85	113.14	0.00105	-190.92	106.07	0.00089
-197.99	99.00	0.00077	-205.06	91.92	0.00067
-212.13	84.85	0.00059	-219.20	77.78	0.00052
-70.71	212.13	0.00357	-77.78	205.06	0.00397
-84.85	197.99	0.00444	-91.92	190.92	0.00500
-98.99	183.85	0.00569	-106.07	176.78	0.00653
-113.14	169.71	0.00755	-120.21	162.63	0.00878
-123.74	159.10	0.00945	-127.28	155.56	0.01016

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

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

19:38:54

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.01057	-130.81	152.03	0.01084
-132.23	150.61	0.01110	-133.64	149.20	0.01135
-135.06	147.79	0.01166	-147.79	135.06	0.00392
-149.20	133.64	0.00346	-150.61	132.23	0.00311
-152.03	130.81	0.00283	-153.44	129.40	0.00261
-155.56	127.28	0.00234	-159.10	123.74	0.00199
-162.63	120.21	0.00174	-169.71	113.14	0.00138
-176.78	106.07	0.00114	-183.85	98.99	0.00096
-190.92	91.92	0.00082	-197.99	84.85	0.00071
-205.06	77.78	0.00062	-212.13	70.71	0.00055
-63.64	205.06	0.00367	-70.71	197.99	0.00409
-77.78	190.92	0.00458	-84.85	183.85	0.00518
-91.92	176.78	0.00589	-98.99	169.71	0.00677
-106.07	162.63	0.00783	-113.14	155.56	0.00910
-116.67	152.03	0.00980	-120.21	148.49	0.01052
-122.33	146.37	0.01096	-123.74	144.96	0.01125
-125.16	143.54	0.01153	-126.57	142.13	0.01180
-127.99	140.71	0.01213	-140.71	127.99	0.00440
-142.13	126.57	0.00390	-143.54	125.16	0.00351
-144.96	123.74	0.00319	-146.37	122.33	0.00293

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00262	-152.03	116.67	0.00222
-155.56	113.14	0.00194	-162.63	106.07	0.00152
-169.71	98.99	0.00123	-176.78	91.92	0.00103
-183.85	84.85	0.00087	-190.92	77.78	0.00075
-197.99	70.71	0.00066	-205.06	63.64	0.00058
-56.57	197.99	0.00377	-63.64	190.92	0.00420
-70.71	183.85	0.00471	-77.78	176.78	0.00533
-84.85	169.71	0.00607	-91.92	162.63	0.00697
-98.99	155.56	0.00806	-106.07	148.49	0.00935
-109.60	144.96	0.01008	-113.14	141.42	0.01084
-115.26	139.30	0.01129	-116.67	137.89	0.01159
-118.09	136.47	0.01188	-119.50	135.06	0.01218
-120.92	133.64	0.01250	-133.64	120.92	0.00480
-135.06	119.50	0.00428	-136.47	118.09	0.00387
-137.89	116.67	0.00352	-139.30	115.26	0.00324
-141.42	113.14	0.00289	-144.96	109.60	0.00245
-148.49	106.07	0.00213	-155.56	98.99	0.00166
-162.63	91.92	0.00134	-169.71	84.85	0.00111
-176.78	77.78	0.00093	-183.85	70.71	0.00080
-190.92	63.64	0.00069	-197.99	56.57	0.00061

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

19:38:54
 **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	0.00385	-56.57	183.85	0.00429
-63.64	176.78	0.00482	-70.71	169.71	0.00546
-77.78	162.63	0.00622	-84.85	155.56	0.00714
-91.92	148.49	0.00824	-98.99	141.42	0.00958
-102.53	137.89	0.01032	-106.07	134.35	0.01110
-108.19	132.23	0.01157	-109.60	130.81	0.01188
-111.02	129.40	0.01218	-112.43	127.99	0.01249
-113.84	126.57	0.01281	-126.57	113.84	0.00514
-127.99	112.43	0.00460	-129.40	111.02	0.00417
-130.81	109.60	0.00382	-132.23	108.19	0.00352
-134.35	106.07	0.00315	-137.89	102.53	0.00267
-141.42	98.99	0.00231	-148.49	91.92	0.00180
-155.56	84.85	0.00145	-162.63	77.78	0.00119
-169.71	70.71	0.00100	-176.78	63.64	0.00085

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00073	-190.92	49.50	0.00064
-42.43	183.85	0.00392	-49.50	176.78	0.00438
-56.57	169.71	0.00492	-63.64	162.63	0.00557
-70.71	155.56	0.00634	-77.78	148.49	0.00727
-84.85	141.42	0.00840	-91.92	134.35	0.00977
-95.46	130.81	0.01053	-98.99	127.28	0.01133
-101.12	125.16	0.01181	-102.53	123.74	0.01212
-103.94	122.33	0.01243	-105.36	120.92	0.01274
-106.77	119.50	0.01308	-119.50	106.77	0.00542
-120.92	105.36	0.00487	-122.33	103.94	0.00443
-123.74	102.53	0.00407	-125.16	101.12	0.00376
-127.28	98.99	0.00337	-130.81	95.46	0.00286
-134.35	91.92	0.00248	-141.42	84.85	0.00193
-148.49	77.78	0.00155	-155.56	70.71	0.00128
-162.63	63.64	0.00107	-169.71	56.57	0.00090
-176.78	49.50	0.00077	-183.85	42.43	0.00067
-35.36	176.78	0.00399	-42.43	169.71	0.00445
-49.50	162.63	0.00500	-56.57	155.56	0.00566
-63.64	148.49	0.00644	-70.71	141.42	0.00739
-77.78	134.35	0.00854	-84.85	127.28	0.00992
-88.39	123.74	0.01071	-91.92	120.21	0.01152
-94.05	118.09	0.01201	-95.46	116.67	0.01233
-96.87	115.26	0.01265	-98.29	113.84	0.01297
-99.70	112.43	0.01330	-112.43	99.70	0.00566
-113.84	98.29	0.00510	-115.26	96.87	0.00465
-116.67	95.46	0.00428	-118.09	94.05	0.00396

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

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

19:38:54
 **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	0.00356	-123.74	88.39	0.00304
-127.28	84.85	0.00263	-134.35	77.78	0.00205
-141.42	70.71	0.00164	-148.49	63.64	0.00135
-155.56	56.57	0.00113	-162.63	49.50	0.00095
-169.71	42.43	0.00082	-176.78	35.36	0.00070
-28.28	169.71	0.00404	-35.36	162.63	0.00452
-42.43	155.56	0.00507	-49.50	148.49	0.00573
-56.57	141.42	0.00653	-63.64	134.35	0.00749

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00866	-77.78	120.21	0.01005
-81.32	116.67	0.01085	-84.85	113.14	0.01167
-86.97	111.02	0.01217	-88.39	109.60	0.01250
-89.80	108.19	0.01284	-91.22	106.77	0.01318
-92.63	105.36	0.01353	-105.36	92.63	0.00585
-106.77	91.22	0.00528	-108.19	89.80	0.00483
-109.60	88.39	0.00445	-111.02	86.97	0.00413
-113.14	84.85	0.00373	-116.67	81.32	0.00319
-120.21	77.78	0.00277	-127.28	70.71	0.00216
-134.35	63.64	0.00173	-141.42	56.57	0.00142
-148.49	49.50	0.00119	-155.56	42.43	0.00101
-162.63	35.36	0.00086	-169.71	28.28	0.00074
-21.21	162.63	0.00409	-28.28	155.56	0.00457
-35.36	148.49	0.00513	-42.43	141.42	0.00580
-49.50	134.35	0.00660	-56.57	127.28	0.00758
-63.64	120.21	0.00876	-70.71	113.14	0.01017
-74.25	109.60	0.01097	-77.78	106.07	0.01180
-79.90	103.94	0.01231	-81.32	102.53	0.01263
-82.73	101.12	0.01296	-84.15	99.70	0.01334
-85.56	98.29	0.01373	-98.29	85.56	0.00600
-99.70	84.15	0.00544	-101.12	82.73	0.00498
-102.53	81.32	0.00460	-103.94	79.90	0.00428
-106.07	77.78	0.00387	-109.60	74.25	0.00332
-113.14	70.71	0.00289	-120.21	63.64	0.00226
-127.28	56.57	0.00182	-134.35	49.50	0.00149
-141.42	42.43	0.00124	-148.49	35.36	0.00105
-155.56	28.28	0.00090	-162.63	21.21	0.00078
-14.14	155.56	0.00413	-21.21	148.49	0.00461
-28.28	141.42	0.00518	-35.36	134.35	0.00585
-42.43	127.28	0.00667	-49.50	120.21	0.00766
-56.57	113.14	0.00885	-63.64	106.07	0.01027
-67.18	102.53	0.01107	-70.71	98.99	0.01192

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

19:38:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.01243	-74.25	95.46	0.01276
-75.66	94.05	0.01309	-77.07	92.63	0.01344

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01384	-91.22	78.49	0.00611
-92.63	77.07	0.00556	-94.05	75.66	0.00511
-95.46	74.25	0.00474	-96.87	72.83	0.00441
-98.99	70.71	0.00399	-102.53	67.18	0.00343
-106.07	63.64	0.00300	-113.14	56.57	0.00235
-120.21	49.50	0.00189	-127.28	42.43	0.00155
-134.35	35.36	0.00129	-141.42	28.28	0.00110
-148.49	21.21	0.00094	-155.56	14.14	0.00081
-7.07	148.49	0.00416	-14.14	141.42	0.00464
-21.21	134.35	0.00522	-28.28	127.28	0.00590
-35.36	120.21	0.00673	-42.43	113.14	0.00772
-49.50	106.07	0.00892	-56.57	98.99	0.01036
-60.10	95.46	0.01116	-63.64	91.92	0.01201
-65.76	89.80	0.01253	-67.18	88.39	0.01287
-68.59	86.97	0.01320	-70.00	85.56	0.01353
-71.42	84.15	0.01392	-84.15	71.42	0.00622
-85.56	70.00	0.00567	-86.97	68.59	0.00522
-88.39	67.18	0.00484	-89.80	65.76	0.00451
-91.92	63.64	0.00409	-95.46	60.10	0.00353
-98.99	56.57	0.00309	-106.07	49.50	0.00243
-113.14	42.43	0.00196	-120.21	35.36	0.00161
-127.28	28.28	0.00134	-134.35	21.21	0.00114
-141.42	14.14	0.00097	-148.49	7.07	0.00084
0.00	141.42	0.00418	-7.07	134.35	0.00467
-14.14	127.28	0.00525	-21.21	120.21	0.00594
-28.28	113.14	0.00678	-35.36	106.07	0.00778
-42.43	98.99	0.00899	-49.50	91.92	0.01043
-53.03	88.39	0.01124	-56.57	84.85	0.01209
-58.69	82.73	0.01261	-60.10	81.32	0.01295
-61.52	79.90	0.01329	-62.93	78.49	0.01362
-64.35	77.07	0.01400	-77.07	64.35	0.00632
-78.49	62.93	0.00576	-79.90	61.52	0.00531
-81.32	60.10	0.00493	-82.73	58.69	0.00460
-84.85	56.57	0.00418	-88.39	53.03	0.00362
-91.92	49.50	0.00317	-98.99	42.43	0.00250
-106.07	35.36	0.00202	-113.14	28.28	0.00166
-120.21	21.21	0.00139	-127.28	14.14	0.00117
-134.35	7.07	0.00101	-141.42	0.00	0.00087

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

*** 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

*** DISCRETE 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	0.00420	0.00	127.28	0.00469
-7.07	120.21	0.00528	-14.14	113.14	0.00598
-21.21	106.07	0.00682	-28.28	98.99	0.00783
-35.36	91.92	0.00904	-42.43	84.85	0.01049
-45.96	81.32	0.01131	-49.50	77.78	0.01216
-51.62	75.66	0.01267	-53.03	74.25	0.01302
-54.45	72.83	0.01336	-55.86	71.42	0.01369
-57.28	70.00	0.01406	-70.00	57.28	0.00640
-71.42	55.86	0.00584	-72.83	54.45	0.00539
-74.25	53.03	0.00501	-75.66	51.62	0.00468
-77.78	49.50	0.00426	-81.32	45.96	0.00369
-84.85	42.43	0.00324	-91.92	35.36	0.00257
-98.99	28.28	0.00208	-106.07	21.21	0.00171
-113.14	14.14	0.00143	-120.21	7.07	0.00121
-127.28	0.00	0.00104	-134.35	-7.07	0.00090
14.14	127.28	0.00421	7.07	120.21	0.00471
0.00	113.14	0.00530	-7.07	106.07	0.00601
-14.14	98.99	0.00685	-21.21	91.92	0.00786
-28.28	84.85	0.00908	-35.36	77.78	0.01055
-38.89	74.25	0.01136	-42.43	70.71	0.01222
-44.55	68.59	0.01274	-45.96	67.18	0.01308
-47.38	65.76	0.01342	-48.79	64.35	0.01375
-50.20	62.93	0.01410	-62.93	50.20	0.00647
-64.35	48.79	0.00591	-65.76	47.38	0.00546
-67.18	45.96	0.00508	-68.59	44.55	0.00475
-70.71	42.43	0.00433	-74.25	38.89	0.00376
-77.78	35.36	0.00331	-84.85	28.28	0.00262
-91.92	21.21	0.00213	-98.99	14.14	0.00176
-106.07	7.07	0.00147	-113.14	0.00	0.00125
-120.21	-7.07	0.00107	-127.28	-14.14	0.00092
21.21	120.21	0.00422	14.14	113.14	0.00473
7.07	106.07	0.00532	0.00	98.99	0.00603
-7.07	91.92	0.00687	-14.14	84.85	0.00789
-21.21	77.78	0.00912	-28.28	70.71	0.01059
-31.82	67.18	0.01141	-35.36	63.64	0.01227
-37.48	61.52	0.01279	-38.89	60.10	0.01314
-40.31	58.69	0.01347	-41.72	57.28	0.01380
-43.13	55.86	0.01416	-55.86	43.13	0.00653
-57.28	41.72	0.00597	-58.69	40.31	0.00552
-60.10	38.89	0.00514	-61.52	37.48	0.00481

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

*** NCRA Cumulative DPM Impacts

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

19:38:54

**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
-63.64	35.36	0.00438	-67.18	31.82	0.00381
-70.71	28.28	0.00336	-77.78	21.21	0.00267
-84.85	14.14	0.00218	-91.92	7.07	0.00180
-98.99	0.00	0.00151	-106.07	-7.07	0.00128
-113.14	-14.14	0.00109	-120.21	-21.21	0.00095
28.28	113.14	0.00423	21.21	106.07	0.00473
14.14	98.99	0.00533	7.07	91.92	0.00604
0.00	84.85	0.00689	-7.07	77.78	0.00792
-14.14	70.71	0.00915	-21.21	63.64	0.01062
-24.75	60.10	0.01146	-28.28	56.57	0.01232
-30.41	54.45	0.01284	-31.82	53.03	0.01319
-33.23	51.62	0.01352	-34.65	50.20	0.01385
-36.06	48.79	0.01420	-48.79	36.06	0.00659
-50.20	34.65	0.00602	-51.62	33.23	0.00556
-53.03	31.82	0.00519	-54.45	30.41	0.00485
-56.57	28.28	0.00443	-60.10	24.75	0.00386
-63.64	21.21	0.00341	-70.71	14.14	0.00272
-77.78	7.07	0.00222	-84.85	0.00	0.00184
-91.92	-7.07	0.00154	-98.99	-14.14	0.00131
-106.07	-21.21	0.00112	-113.14	-28.28	0.00097
35.36	106.07	0.00423	28.28	98.99	0.00474
21.21	91.92	0.00534	14.14	84.85	0.00605
7.07	77.78	0.00691	0.00	70.71	0.00793
-7.07	63.64	0.00917	-14.14	56.57	0.01064
-17.68	53.03	0.01148	-21.21	49.50	0.01235
-23.33	47.38	0.01287	-24.75	45.96	0.01322
-26.16	44.55	0.01357	-27.58	43.13	0.01393
-28.99	41.72	0.01428	-41.72	28.99	0.00663
-43.13	27.58	0.00607	-44.55	26.16	0.00560
-45.96	24.75	0.00523	-47.38	23.33	0.00490
-49.50	21.21	0.00447	-53.03	17.68	0.00390
-56.57	14.14	0.00345	-63.64	7.07	0.00276
-70.71	0.00	0.00225	-77.78	-7.07	0.00187
-84.85	-14.14	0.00157	-91.92	-21.21	0.00133

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00114	-106.07	-35.36	0.00099
42.43	98.99	0.00422	35.36	91.92	0.00474
28.28	84.85	0.00534	21.21	77.78	0.00606
14.14	70.71	0.00691	7.07	63.64	0.00794
0.00	56.57	0.00919	-7.07	49.50	0.01066
-10.61	45.96	0.01150	-14.14	42.43	0.01237

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

19:38:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01290	-17.68	38.89	0.01324
-19.09	37.48	0.01357	-20.51	36.06	0.01397
-21.92	34.65	0.01436	-34.65	21.92	0.00667
-36.06	20.51	0.00611	-37.48	19.09	0.00564
-38.89	17.68	0.00526	-40.31	16.26	0.00493
-42.43	14.14	0.00451	-45.96	10.61	0.00394
-49.50	7.07	0.00348	-56.57	0.00	0.00279
-63.64	-7.07	0.00228	-70.71	-14.14	0.00190
-77.78	-21.21	0.00160	-84.85	-28.28	0.00136
-91.92	-35.36	0.00117	-98.99	-42.43	0.00101
49.50	91.92	0.00422	42.43	84.85	0.00473
35.36	77.78	0.00533	28.28	70.71	0.00605
21.21	63.64	0.00691	14.14	56.57	0.00795
7.07	49.50	0.00920	0.00	42.43	0.01068
-3.54	38.89	0.01151	-7.07	35.36	0.01239
-9.19	33.23	0.01292	-10.61	31.82	0.01327
-12.02	30.41	0.01360	-13.44	28.99	0.01396
-14.85	27.58	0.01437	-27.58	14.85	0.00668
-28.99	13.44	0.00613	-30.41	12.02	0.00568
-31.82	10.61	0.00530	-33.23	9.19	0.00496
-35.36	7.07	0.00454	-38.89	3.54	0.00397
-42.43	0.00	0.00351	-49.50	-7.07	0.00282
-56.57	-14.14	0.00231	-63.64	-21.21	0.00192
-70.71	-28.28	0.00162	-77.78	-35.36	0.00138
-84.85	-42.43	0.00119	-91.92	-49.50	0.00103
56.57	84.85	0.00420	49.50	77.78	0.00472
42.43	70.71	0.00532	35.36	63.64	0.00605
28.28	56.57	0.00691	21.21	49.50	0.00795

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00920	7.07	35.36	0.01069
3.54	31.82	0.01152	0.00	28.28	0.01240
-2.12	26.16	0.01293	-3.54	24.75	0.01328
-4.95	23.33	0.01362	-6.36	21.92	0.01396
-7.78	20.51	0.01436	-20.51	7.78	0.00670
-21.92	6.36	0.00615	-23.33	4.95	0.00570
-24.75	3.54	0.00532	-26.16	2.12	0.00499
-28.28	0.00	0.00457	-31.82	-3.54	0.00400
-35.36	-7.07	0.00354	-42.43	-14.14	0.00285
-49.50	-21.21	0.00234	-56.57	-28.28	0.00195
-63.64	-35.36	0.00164	-70.71	-42.43	0.00140
-77.78	-49.50	0.00121	-84.85	-56.57	0.00105

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

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

19:38:54

**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
63.64	77.78	0.00418	56.57	70.71	0.00470
49.50	63.64	0.00531	42.43	56.57	0.00603
35.36	49.50	0.00690	28.28	42.43	0.00794
21.21	35.36	0.00920	14.14	28.28	0.01070
10.61	24.75	0.01153	7.07	21.21	0.01240
4.95	19.09	0.01294	3.54	17.68	0.01329
2.12	16.26	0.01363	0.71	14.85	0.01397
-0.71	13.44	0.01436	-13.44	0.71	0.00672
-14.85	-0.71	0.00616	-16.26	-2.12	0.00572
-17.68	-3.54	0.00533	-19.09	-4.95	0.00501
-21.21	-7.07	0.00458	-24.75	-10.61	0.00402
-28.28	-14.14	0.00356	-35.36	-21.21	0.00287
-42.43	-28.28	0.00236	-49.50	-35.36	0.00197
-56.57	-42.43	0.00166	-63.64	-49.50	0.00142
-70.71	-56.57	0.00122	-77.78	-63.64	0.00107
70.71	70.71	0.00416	63.64	63.64	0.00468
56.57	56.57	0.00529	49.50	49.50	0.00601
42.43	42.43	0.00688	35.36	35.36	0.00793
28.28	28.28	0.00919	21.21	21.21	0.01069
17.68	17.68	0.01153	14.14	14.14	0.01241
12.02	12.02	0.01293	10.61	10.61	0.01328
9.19	9.19	0.01363	7.78	7.78	0.01397

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01434	-6.36	-6.36	0.00673
-7.78	-7.78	0.00618	-9.19	-9.19	0.00573
-10.61	-10.61	0.00535	-12.02	-12.02	0.00502
-14.14	-14.14	0.00460	-17.68	-17.68	0.00403
-21.21	-21.21	0.00358	-28.28	-28.28	0.00289
-35.36	-35.36	0.00238	-42.43	-42.43	0.00199
-49.50	-49.50	0.00168	-56.57	-56.57	0.00144
-63.64	-63.64	0.00124	-70.71	-70.71	0.00108
77.78	63.64	0.00413	70.71	56.57	0.00465
63.64	49.50	0.00526	56.57	42.43	0.00599
49.50	35.36	0.00686	42.43	28.28	0.00791
35.36	21.21	0.00918	28.28	14.14	0.01069
24.75	10.61	0.01153	21.21	7.07	0.01241
19.09	4.95	0.01294	17.68	3.54	0.01328
16.26	2.12	0.01363	14.85	0.71	0.01397
13.44	-0.71	0.01433	0.71	-13.44	0.00674
-0.71	-14.85	0.00619	-2.12	-16.26	0.00574
-3.54	-17.68	0.00536	-4.95	-19.09	0.00503

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

19:38:54
 **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	0.00461	-10.61	-24.75	0.00404
-14.14	-28.28	0.00359	-21.21	-35.36	0.00290
-28.28	-42.43	0.00239	-35.36	-49.50	0.00200
-42.43	-56.57	0.00169	-49.50	-63.64	0.00145
-56.57	-70.71	0.00125	-63.64	-77.78	0.00110
84.85	56.57	0.00409	77.78	49.50	0.00461
70.71	42.43	0.00522	63.64	35.36	0.00595
56.57	28.28	0.00683	49.50	21.21	0.00788
42.43	14.14	0.00915	35.36	7.07	0.01067
31.82	3.54	0.01151	28.28	0.00	0.01240
26.16	-2.12	0.01293	24.75	-3.54	0.01328
23.33	-4.95	0.01362	21.92	-6.36	0.01396
20.51	-7.78	0.01432	7.78	-20.51	0.00675
6.36	-21.92	0.00619	4.95	-23.33	0.00574
3.54	-24.75	0.00536	2.12	-26.16	0.00504
0.00	-28.28	0.00462	-3.54	-31.82	0.00405

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00360	-14.14	-42.43	0.00291
-21.21	-49.50	0.00240	-28.28	-56.57	0.00201
-35.36	-63.64	0.00171	-42.43	-70.71	0.00146
-49.50	-77.78	0.00127	-56.57	-84.85	0.00111
91.92	49.50	0.00405	84.85	42.43	0.00457
77.78	35.36	0.00518	70.71	28.28	0.00592
63.64	21.21	0.00679	56.57	14.14	0.00785
49.50	7.07	0.00912	42.43	0.00	0.01064
38.89	-3.54	0.01150	35.36	-7.07	0.01238
33.23	-9.19	0.01292	31.82	-10.61	0.01327
30.41	-12.02	0.01361	28.99	-13.44	0.01395
27.58	-14.85	0.01431	14.85	-27.58	0.00675
13.44	-28.99	0.00619	12.02	-30.41	0.00574
10.61	-31.82	0.00536	9.19	-33.23	0.00504
7.07	-35.36	0.00462	3.54	-38.89	0.00406
0.00	-42.43	0.00361	-7.07	-49.50	0.00292
-14.14	-56.57	0.00241	-21.21	-63.64	0.00202
-28.28	-70.71	0.00172	-35.36	-77.78	0.00147
-42.43	-84.85	0.00128	-49.50	-91.92	0.00112
98.99	42.43	0.00400	91.92	35.36	0.00452
84.85	28.28	0.00514	77.78	21.21	0.00587
70.71	14.14	0.00675	63.64	7.07	0.00781
56.57	0.00	0.00908	49.50	-7.07	0.01060
45.96	-10.61	0.01146	42.43	-14.14	0.01236

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

19:38:54
 **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	0.01289	38.89	-17.68	0.01324
37.48	-19.09	0.01361	36.06	-20.51	0.01397
34.65	-21.92	0.01433	21.92	-34.65	0.00675
20.51	-36.06	0.00619	19.09	-37.48	0.00573
17.68	-38.89	0.00536	16.26	-40.31	0.00503
14.14	-42.43	0.00462	10.61	-45.96	0.00406
7.07	-49.50	0.00361	0.00	-56.57	0.00293
-7.07	-63.64	0.00242	-14.14	-70.71	0.00203
-21.21	-77.78	0.00173	-28.28	-84.85	0.00149
-35.36	-91.92	0.00129	-42.43	-98.99	0.00113

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00395	98.99	28.28	0.00447
91.92	21.21	0.00508	84.85	14.14	0.00581
77.78	7.07	0.00669	70.71	0.00	0.00776
63.64	-7.07	0.00904	56.57	-14.14	0.01056
53.03	-17.68	0.01142	49.50	-21.21	0.01232
47.38	-23.33	0.01285	45.96	-24.75	0.01320
44.55	-26.16	0.01355	43.13	-27.58	0.01395
41.72	-28.99	0.01436	28.99	-41.72	0.00674
27.58	-43.13	0.00618	26.16	-44.55	0.00573
24.75	-45.96	0.00535	23.33	-47.38	0.00503
21.21	-49.50	0.00461	17.68	-53.03	0.00405
14.14	-56.57	0.00361	7.07	-63.64	0.00293
0.00	-70.71	0.00242	-7.07	-77.78	0.00204
-14.14	-84.85	0.00173	-21.21	-91.92	0.00149
-28.28	-98.99	0.00130	-35.36	-106.07	0.00114
113.14	28.28	0.00388	106.07	21.21	0.00440
98.99	14.14	0.00501	91.92	7.07	0.00575
84.85	0.00	0.00663	77.78	-7.07	0.00769
70.71	-14.14	0.00898	63.64	-21.21	0.01051
60.10	-24.75	0.01137	56.57	-28.28	0.01227
54.45	-30.41	0.01282	53.03	-31.82	0.01317
51.62	-33.23	0.01352	50.20	-34.65	0.01389
48.79	-36.06	0.01430	36.06	-48.79	0.00670
34.65	-50.20	0.00616	33.23	-51.62	0.00572
31.82	-53.03	0.00534	30.41	-54.45	0.00502
28.28	-56.57	0.00460	24.75	-60.10	0.00405
21.21	-63.64	0.00360	14.14	-70.71	0.00292
7.07	-77.78	0.00242	0.00	-84.85	0.00204
-7.07	-91.92	0.00174	-14.14	-98.99	0.00150
-21.21	-106.07	0.00131	-28.28	-113.14	0.00115

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

** 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	0.00381	113.14	14.14	0.00432
106.07	7.07	0.00494	98.99	0.00	0.00567
91.92	-7.07	0.00655	84.85	-14.14	0.00762
77.78	-21.21	0.00891	70.71	-28.28	0.01045

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.01131	63.64	-35.36	0.01222
61.52	-37.48	0.01277	60.10	-38.89	0.01313
58.69	-40.31	0.01348	57.28	-41.72	0.01383
55.86	-43.13	0.01424	43.13	-55.86	0.00668
41.72	-57.28	0.00613	40.31	-58.69	0.00569
38.89	-60.10	0.00532	37.48	-61.52	0.00500
35.36	-63.64	0.00459	31.82	-67.18	0.00404
28.28	-70.71	0.00360	21.21	-77.78	0.00292
14.14	-84.85	0.00242	7.07	-91.92	0.00204
0.00	-98.99	0.00175	-7.07	-106.07	0.00151
-14.14	-113.14	0.00132	-21.21	-120.21	0.00116
127.28	14.14	0.00373	120.21	7.07	0.00424
113.14	0.00	0.00485	106.07	-7.07	0.00558
98.99	-14.14	0.00646	91.92	-21.21	0.00754
84.85	-28.28	0.00883	77.78	-35.36	0.01038
74.25	-38.89	0.01125	70.71	-42.43	0.01215
68.59	-44.55	0.01270	67.18	-45.96	0.01306
65.76	-47.38	0.01342	64.35	-48.79	0.01377
62.93	-50.20	0.01417	50.20	-62.93	0.00665
48.79	-64.35	0.00611	47.38	-65.76	0.00567
45.96	-67.18	0.00530	44.55	-68.59	0.00498
42.43	-70.71	0.00457	38.89	-74.25	0.00402
35.36	-77.78	0.00358	28.28	-84.85	0.00291
21.21	-91.92	0.00242	14.14	-98.99	0.00204
7.07	-106.07	0.00175	0.00	-113.14	0.00151
-7.07	-120.21	0.00132	-14.14	-127.28	0.00116
134.35	7.07	0.00363	127.28	0.00	0.00414
120.21	-7.07	0.00475	113.14	-14.14	0.00548
106.07	-21.21	0.00636	98.99	-28.28	0.00743
91.92	-35.36	0.00873	84.85	-42.43	0.01029
81.32	-45.96	0.01116	77.78	-49.50	0.01207
75.66	-51.62	0.01262	74.25	-53.03	0.01298
72.83	-54.45	0.01335	71.42	-55.86	0.01370
70.00	-57.28	0.01409	57.28	-70.00	0.00661
55.86	-71.42	0.00607	54.45	-72.83	0.00564
53.03	-74.25	0.00527	51.62	-75.66	0.00495

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

11NCRA_SR01-300_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	0.00455	45.96	-81.32	0.00400
42.43	-84.85	0.00357	35.36	-91.92	0.00290
28.28	-98.99	0.00241	21.21	-106.07	0.00204
14.14	-113.14	0.00175	7.07	-120.21	0.00152
0.00	-127.28	0.00133	-7.07	-134.35	0.00117
141.42	0.00	0.00353	134.35	-7.07	0.00403
127.28	-14.14	0.00463	120.21	-21.21	0.00536
113.14	-28.28	0.00624	106.07	-35.36	0.00731
98.99	-42.43	0.00862	91.92	-49.50	0.01018
88.39	-53.03	0.01106	84.85	-56.57	0.01198
82.73	-58.69	0.01253	81.32	-60.10	0.01290
79.90	-61.52	0.01326	78.49	-62.93	0.01362
77.07	-64.35	0.01400	64.35	-77.07	0.00657
62.93	-78.49	0.00603	61.52	-79.90	0.00560
60.10	-81.32	0.00523	58.69	-82.73	0.00492
56.57	-84.85	0.00451	53.03	-88.39	0.00397
49.50	-91.92	0.00354	42.43	-98.99	0.00289
35.36	-106.07	0.00241	28.28	-113.14	0.00204
21.21	-120.21	0.00175	14.14	-127.28	0.00152
7.07	-134.35	0.00133	0.00	-141.42	0.00117
148.49	-7.07	0.00341	141.42	-14.14	0.00390
134.35	-21.21	0.00450	127.28	-28.28	0.00522
120.21	-35.36	0.00610	113.14	-42.43	0.00717
106.07	-49.50	0.00847	98.99	-56.57	0.01005
95.46	-60.10	0.01093	91.92	-63.64	0.01186
89.80	-65.76	0.01242	88.39	-67.18	0.01280
86.97	-68.59	0.01316	85.56	-70.00	0.01352
84.15	-71.42	0.01390	71.42	-84.15	0.00652
70.00	-85.56	0.00598	68.59	-86.97	0.00555
67.18	-88.39	0.00519	65.76	-89.80	0.00488
63.64	-91.92	0.00448	60.10	-95.46	0.00394
56.57	-98.99	0.00352	49.50	-106.07	0.00287
42.43	-113.14	0.00240	35.36	-120.21	0.00204
28.28	-127.28	0.00175	21.21	-134.35	0.00152
14.14	-141.42	0.00133	7.07	-148.49	0.00117
155.56	-14.14	0.00329	148.49	-21.21	0.00376
141.42	-28.28	0.00434	134.35	-35.36	0.00506
127.28	-42.43	0.00593	120.21	-49.50	0.00700
113.14	-56.57	0.00830	106.07	-63.64	0.00988
102.53	-67.18	0.01079	98.99	-70.71	0.01173

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

*** NCRA Cumulative DPM Impacts

*** 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
96.87	-72.83	0.01230	95.46	-74.25	0.01267
94.05	-75.66	0.01304	92.63	-77.07	0.01340
91.22	-78.49	0.01379	78.49	-91.22	0.00646
77.07	-92.63	0.00592	75.66	-94.05	0.00549
74.25	-95.46	0.00514	72.83	-96.87	0.00483
70.71	-98.99	0.00443	67.18	-102.53	0.00391
63.64	-106.07	0.00349	56.57	-113.14	0.00285
49.50	-120.21	0.00239	42.43	-127.28	0.00203
35.36	-134.35	0.00175	28.28	-141.42	0.00152
21.21	-148.49	0.00133	14.14	-155.56	0.00117
162.63	-21.21	0.00315	155.56	-28.28	0.00361
148.49	-35.36	0.00417	141.42	-42.43	0.00487
134.35	-49.50	0.00573	127.28	-56.57	0.00680
120.21	-63.64	0.00810	113.14	-70.71	0.00968
109.60	-74.25	0.01059	106.07	-77.78	0.01155
103.94	-79.90	0.01212	102.53	-81.32	0.01250
101.12	-82.73	0.01290	99.70	-84.15	0.01329
98.29	-85.56	0.01369	85.56	-98.29	0.00639
84.15	-99.70	0.00585	82.73	-101.12	0.00542
81.32	-102.53	0.00507	79.90	-103.94	0.00477
77.78	-106.07	0.00438	74.25	-109.60	0.00386
70.71	-113.14	0.00345	63.64	-120.21	0.00283
56.57	-127.28	0.00237	49.50	-134.35	0.00202
42.43	-141.42	0.00174	35.36	-148.49	0.00151
28.28	-155.56	0.00132	21.21	-162.63	0.00116
169.71	-28.28	0.00301	162.63	-35.36	0.00345
155.56	-42.43	0.00398	148.49	-49.50	0.00466
141.42	-56.57	0.00550	134.35	-63.64	0.00656
127.28	-70.71	0.00786	120.21	-77.78	0.00944
116.67	-81.32	0.01036	113.14	-84.85	0.01132
111.02	-86.97	0.01190	109.60	-88.39	0.01229
108.19	-89.80	0.01267	106.77	-91.22	0.01311
105.36	-92.63	0.01356	92.63	-105.36	0.00630
91.22	-106.77	0.00577	89.80	-108.19	0.00535
88.39	-109.60	0.00500	86.97	-111.02	0.00470
84.85	-113.14	0.00432	81.32	-116.67	0.00381

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00341	70.71	-127.28	0.00280
63.64	-134.35	0.00236	56.57	-141.42	0.00201
49.50	-148.49	0.00174	42.43	-155.56	0.00151
35.36	-162.63	0.00132	28.28	-169.71	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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
176.78	-35.36	0.00287	169.71	-42.43	0.00327
162.63	-49.50	0.00378	155.56	-56.57	0.00442
148.49	-63.64	0.00524	141.42	-70.71	0.00627
134.35	-77.78	0.00756	127.28	-84.85	0.00914
123.74	-88.39	0.01006	120.21	-91.92	0.01104
118.09	-94.05	0.01164	116.67	-95.46	0.01204
115.26	-96.87	0.01243	113.84	-98.29	0.01285
112.43	-99.70	0.01332	99.70	-112.43	0.00617
98.29	-113.84	0.00567	96.87	-115.26	0.00526
95.46	-116.67	0.00492	94.05	-118.09	0.00463
91.92	-120.21	0.00425	88.39	-123.74	0.00376
84.85	-127.28	0.00336	77.78	-134.35	0.00278
70.71	-141.42	0.00234	63.64	-148.49	0.00200
56.57	-155.56	0.00172	49.50	-162.63	0.00149
42.43	-169.71	0.00131	35.36	-176.78	0.00115
183.85	-42.43	0.00273	176.78	-49.50	0.00310
169.71	-56.57	0.00357	162.63	-63.64	0.00416
155.56	-70.71	0.00493	148.49	-77.78	0.00592
141.42	-84.85	0.00719	134.35	-91.92	0.00878
130.81	-95.46	0.00969	127.28	-98.99	0.01068
125.16	-101.12	0.01130	123.74	-102.53	0.01171
122.33	-103.94	0.01212	120.92	-105.36	0.01253
119.50	-106.77	0.01301	106.77	-119.50	0.00604
105.36	-120.92	0.00554	103.94	-122.33	0.00515
102.53	-123.74	0.00482	101.12	-125.16	0.00453
98.99	-127.28	0.00417	95.46	-130.81	0.00370
91.92	-134.35	0.00332	84.85	-141.42	0.00275
77.78	-148.49	0.00232	70.71	-155.56	0.00198
63.64	-162.63	0.00170	56.57	-169.71	0.00148
49.50	-176.78	0.00129	42.43	-183.85	0.00114

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00258	183.85	-56.57	0.00293
176.78	-63.64	0.00335	169.71	-70.71	0.00389
162.63	-77.78	0.00459	155.56	-84.85	0.00552
148.49	-91.92	0.00674	141.42	-98.99	0.00831
137.89	-102.53	0.00923	134.35	-106.07	0.01022
132.23	-108.19	0.01085	130.81	-109.60	0.01127
129.40	-111.02	0.01170	127.99	-112.43	0.01213
126.57	-113.84	0.01262	113.84	-126.57	0.00588
112.43	-127.99	0.00540	111.02	-129.40	0.00502
109.60	-130.81	0.00470	108.19	-132.23	0.00443

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

*** 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
106.07	-134.35	0.00409	102.53	-137.89	0.00363
98.99	-141.42	0.00327	91.92	-148.49	0.00272
84.85	-155.56	0.00229	77.78	-162.63	0.00195
70.71	-169.71	0.00168	63.64	-176.78	0.00146
56.57	-183.85	0.00128	49.50	-190.92	0.00113
197.99	-56.57	0.00244	190.92	-63.64	0.00275
183.85	-70.71	0.00314	176.78	-77.78	0.00362
169.71	-84.85	0.00425	162.63	-91.92	0.00507
155.56	-98.99	0.00619	148.49	-106.07	0.00771
144.96	-109.60	0.00862	141.42	-113.14	0.00962
139.30	-115.26	0.01026	137.89	-116.67	0.01069
136.47	-118.09	0.01114	135.06	-119.50	0.01160
133.64	-120.92	0.01209	120.92	-133.64	0.00570
119.50	-135.06	0.00524	118.09	-136.47	0.00488
116.67	-137.89	0.00458	115.26	-139.30	0.00432
113.14	-141.42	0.00400	109.60	-144.96	0.00357
106.07	-148.49	0.00322	98.99	-155.56	0.00268
91.92	-162.63	0.00225	84.85	-169.71	0.00192
77.78	-176.78	0.00166	70.71	-183.85	0.00144
63.64	-190.92	0.00127	56.57	-197.99	0.00112
205.06	-63.64	0.00230	197.99	-70.71	0.00259
190.92	-77.78	0.00293	183.85	-84.85	0.00336
176.78	-91.92	0.00390	169.71	-98.99	0.00461
162.63	-106.07	0.00558	155.56	-113.14	0.00695

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00782	148.49	-120.21	0.00882
146.37	-122.33	0.00947	144.96	-123.74	0.00991
143.54	-125.16	0.01038	142.13	-126.57	0.01086
140.71	-127.99	0.01138	127.99	-140.71	0.00550
126.57	-142.13	0.00507	125.16	-143.54	0.00473
123.74	-144.96	0.00445	122.33	-146.37	0.00421
120.21	-148.49	0.00391	116.67	-152.03	0.00350
113.14	-155.56	0.00316	106.07	-162.63	0.00262
98.99	-169.71	0.00221	91.92	-176.78	0.00189
84.85	-183.85	0.00163	77.78	-190.92	0.00142
70.71	-197.99	0.00125	63.64	-205.06	0.00111
212.13	-70.71	0.00217	205.06	-77.78	0.00242
197.99	-84.85	0.00273	190.92	-91.92	0.00310
183.85	-98.99	0.00357	176.78	-106.07	0.00417
169.71	-113.14	0.00496	162.63	-120.21	0.00607
159.10	-123.74	0.00682	155.56	-127.28	0.00774

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** 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
153.44	-129.40	0.00838	152.03	-130.81	0.00883
150.61	-132.23	0.00931	149.20	-133.64	0.00982
147.79	-135.06	0.01039	135.06	-147.79	0.00528
133.64	-149.20	0.00489	132.23	-150.61	0.00458
130.81	-152.03	0.00433	129.40	-153.44	0.00410
127.28	-155.56	0.00382	123.74	-159.10	0.00341
120.21	-162.63	0.00308	113.14	-169.71	0.00256
106.07	-176.78	0.00217	98.99	-183.85	0.00185
91.92	-190.92	0.00161	84.85	-197.99	0.00140
77.78	-205.06	0.00123	70.71	-212.13	0.00109
219.20	-77.78	0.00203	212.13	-84.85	0.00226
205.06	-91.92	0.00253	197.99	-98.99	0.00285
190.92	-106.07	0.00325	183.85	-113.14	0.00375
176.78	-120.21	0.00438	169.71	-127.28	0.00521
166.17	-130.81	0.00575	162.63	-134.35	0.00644
160.51	-136.47	0.00694	159.10	-137.89	0.00734
157.68	-139.30	0.00779	156.27	-140.71	0.00830
154.86	-142.13	0.00890	142.13	-154.86	0.00508

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00472	139.30	-157.68	0.00444
137.89	-159.10	0.00420	136.47	-160.51	0.00398
134.35	-162.63	0.00370	130.81	-166.17	0.00331
127.28	-169.71	0.00300	120.21	-176.78	0.00250
113.14	-183.85	0.00212	106.07	-190.92	0.00181
98.99	-197.99	0.00157	91.92	-205.06	0.00137
84.85	-212.13	0.00121	77.78	-219.20	0.00108
226.27	-84.85	0.00189	219.20	-91.92	0.00209
212.13	-98.99	0.00233	205.06	-106.07	0.00261
197.99	-113.14	0.00294	190.92	-120.21	0.00335
183.85	-127.28	0.00384	176.78	-134.35	0.00445
173.24	-137.89	0.00481	169.71	-141.42	0.00524
167.58	-143.54	0.00553	166.17	-144.96	0.00575
164.76	-146.37	0.00600	163.34	-147.79	0.00631
161.93	-149.20	0.00671	149.20	-161.93	0.00488
147.79	-163.34	0.00455	146.37	-164.76	0.00428
144.96	-166.17	0.00405	143.54	-167.58	0.00385
141.42	-169.71	0.00358	137.89	-173.24	0.00321
134.35	-176.78	0.00291	127.28	-183.85	0.00243
120.21	-190.92	0.00206	113.14	-197.99	0.00177
106.07	-205.06	0.00154	98.99	-212.13	0.00135
91.92	-219.20	0.00119	84.85	-226.27	0.00106

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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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
233.35	-91.92	0.00176	226.27	-98.99	0.00193
219.20	-106.07	0.00213	212.13	-113.14	0.00236
205.06	-120.21	0.00264	197.99	-127.28	0.00295
190.92	-134.35	0.00332	183.85	-141.42	0.00375
180.31	-144.96	0.00398	176.78	-148.49	0.00424
174.66	-150.61	0.00440	173.24	-152.03	0.00452
171.83	-153.44	0.00464	170.41	-154.86	0.00478
169.00	-156.27	0.00494	156.27	-169.00	0.00461
154.86	-170.41	0.00434	153.44	-171.83	0.00410
152.03	-173.24	0.00389	150.61	-174.66	0.00371
148.49	-176.78	0.00346	144.96	-180.31	0.00311
141.42	-183.85	0.00282	134.35	-190.92	0.00237

11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00201	120.21	-205.06	0.00174
113.14	-212.13	0.00151	106.07	-219.20	0.00133
98.99	-226.27	0.00118	91.92	-233.35	0.00105
240.42	-98.99	0.00163	233.35	-106.07	0.00177
226.27	-113.14	0.00194	219.20	-120.21	0.00213
212.13	-127.28	0.00235	205.06	-134.35	0.00260
197.99	-141.42	0.00288	190.92	-148.49	0.00320
187.38	-152.03	0.00338	183.85	-155.56	0.00356
181.73	-157.68	0.00369	180.31	-159.10	0.00379
178.90	-160.51	0.00389	177.48	-161.93	0.00400
176.07	-163.34	0.00412	163.34	-176.07	0.00409
161.93	-177.48	0.00393	160.51	-178.90	0.00376
159.10	-180.31	0.00361	157.68	-181.73	0.00346
155.56	-183.85	0.00326	152.03	-187.38	0.00296
148.49	-190.92	0.00270	141.42	-197.99	0.00227
134.35	-205.06	0.00195	127.28	-212.13	0.00169
120.21	-219.20	0.00147	113.14	-226.27	0.00130
106.07	-233.35	0.00116	98.99	-240.42	0.00103
247.49	-106.07	0.00150	240.42	-113.14	0.00163
233.35	-120.21	0.00177	226.27	-127.28	0.00193
219.20	-134.35	0.00211	212.13	-141.42	0.00231
205.06	-148.49	0.00254	197.99	-155.56	0.00279
194.45	-159.10	0.00293	190.92	-162.63	0.00310
188.80	-164.76	0.00321	187.38	-166.17	0.00329
185.97	-167.58	0.00337	184.55	-169.00	0.00345
183.14	-170.41	0.00353	170.41	-183.14	0.00356
169.00	-184.55	0.00347	167.58	-185.97	0.00336
166.17	-187.38	0.00325	164.76	-188.80	0.00314

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

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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	0.00298	159.10	-194.45	0.00274
155.56	-197.99	0.00253	148.49	-205.06	0.00216
141.42	-212.13	0.00186	134.35	-219.20	0.00162
127.28	-226.27	0.00143	120.21	-233.35	0.00126
113.14	-240.42	0.00113	106.07	-247.49	0.00101

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

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

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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	0.00966 AT (126.57, -113.84, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00958 AT (119.50, -106.77, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00953 AT (133.64, -120.92, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00930 AT (112.43, -99.70, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00924 AT (127.99, -112.43, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00919 AT (120.92, -105.36, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00914 AT (140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00907 AT (135.06, -119.50, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT (113.84, -98.29, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00887 AT (129.40, -111.02, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00966 AT (62.93, -50.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00958 AT (55.86, -43.13, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00953 AT (70.00, -57.28, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00930 AT (48.79, -36.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00924 AT (64.35, -48.79, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00919 AT (57.28, -41.72, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00914 AT (77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00907 AT (71.42, -55.86, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT (50.20, -34.65, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00887 AT (65.76, -47.38, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00966 AT (-0.71, 13.44, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00958 AT (-7.78, 20.51, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00953 AT (6.36, 6.36, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00930 AT (-14.85, 27.58, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00924 AT (0.71, 14.85, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00919 AT (-6.36, 21.92, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00914 AT (13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00907 AT (7.78, 7.78, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT (-13.44, 28.99, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00887 AT (2.12, 16.26, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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

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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	0.00966 AT (-64.35, 77.07, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00958 AT (-71.42, 84.15, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00953 AT (-57.28, 70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00930 AT (-78.49, 91.22, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00924 AT (-62.93, 78.49, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00919 AT (-70.00, 85.56, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00914 AT (-50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00907 AT (-55.86, 71.42, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT (-77.07, 92.63, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00887 AT (-61.52, 79.90, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00966 AT (-127.99, 140.71, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00958 AT (-135.06, 147.79, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00953 AT (-120.92, 133.64, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00930 AT (-142.13, 154.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00924 AT (-126.57, 142.13, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00919 AT (-133.64, 149.20, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00914 AT (-113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00907 AT (-119.50, 135.06, 0.00, 1.20)	DC	NA

		11NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00896	AT (	-140.71,	156.27,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00887	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01437	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01436	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01436	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01436	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01436	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01434	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01433	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01433	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01432	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01431	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA

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

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

04/18/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

 *** ISCST3 Finishes Successfully ***
