

1 12NCRA_SR02-300_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 19:46:36

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa
Rosa\12NCRA_SR02-300_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
RE DISCCART	-14.85	27.58	1.2
RE DISCCART	-27.58	14.85	1.2
RE DISCCART	-28.99	13.44	1.2
RE DISCCART	-30.41	12.02	1.2
RE DISCCART	-31.82	10.61	1.2
RE DISCCART	-33.23	9.19	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-38.89	3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-2.12	26.16	1.2
RE DISCCART	-3.54	24.75	1.2
RE DISCCART	-4.95	23.33	1.2

RE DISCCART	-6.36	21.92	1.2
RE DISCCART	-7.78	20.51	1.2
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
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

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

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

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

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

ME STARTING
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros02300.asc"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9902 2002
 ME UAIRDATA 9902 2002
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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\12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\12NCRA_SR02-300_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 ***

19:46:37

**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\12NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\SANTAR~1\12NCRA-1.LST

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

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	98.6	-92.3	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S2	0	0.21100E-07	35.0	-28.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S3	0	0.21100E-07	-28.6	35.0	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S4	0	0.21100E-07	-92.3	98.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S5	0	0.21100E-07	-155.9	162.3	0.0	4.95	9.00	90.00	135.00	2.30

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** 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)

(-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);

12NCRA_SR02-300_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 ***

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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,	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);

12NCRA_SR02-300_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 ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

12NCRA_SR02-300_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

19:46:37

**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);

12NCRA_SR02-300_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 ***

19:46:37
 **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);

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

12NCRA_SR02-300_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);

12NCRA_SR02-300_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 ***

19:46:37
**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);

12NCRA_SR02-300_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 ***

19:46:37

**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);

12NCRA_SR02-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

PAGE 13

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);

12NCRA_SR02-300_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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

12NCRA_SR02-300_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 ***

19:46:37
 **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);

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

12NCRA_SR02-300_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 ***

19:46:37

**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);

12NCRA_SR02-300_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 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

19:46:37
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

12NCRA_SR02-300_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 ***

19:46:37
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

12NCRA_SR02-300_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 ***

19:46:37
 **MODELOPTs:
 PAGE 20

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);

12NCRA_SR02-300_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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

12NCRA_SR02-300_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)
02	01	01	01	60.1	1.00	285.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	02	186.9	1.00	285.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	03	125.2	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	04	146.5	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	05	132.4	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	06	111.7	1.25	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	07	105.1	1.65	284.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	08	241.3	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	09	270.6	1.65	285.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	10	322.7	2.41	285.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	11	321.5	4.69	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	12	327.6	4.83	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	13	325.7	3.89	286.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	14	313.8	4.11	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	15	312.2	4.02	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	16	320.8	3.13	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	17	325.1	4.16	287.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	18	326.3	3.80	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	19	320.4	3.53	286.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	20	322.8	4.07	286.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	21	326.3	3.80	286.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	22	341.5	3.04	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	23	307.9	3.35	286.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	24	318.4	4.60	286.2	4	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 ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00014	-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	0.00007
-184.55	169.00	0.00007	-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	0.00006	-205.06	148.49	0.00006
-212.13	141.42	0.00005	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00004
-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

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00012	-134.35	205.06	0.00012
-141.42	197.99	0.00011	-148.49	190.92	0.00011
-152.03	187.38	0.00010	-155.56	183.85	0.00010
-157.68	181.73	0.00010	-159.10	180.31	0.00009
-160.51	178.90	0.00009	-161.93	177.48	0.00009
-163.34	176.07	0.00009	-176.07	163.34	0.00008
-177.48	161.93	0.00008	-178.90	160.51	0.00008
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00005	-212.13	127.28	0.00005
-219.20	120.21	0.00005	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00015	-98.99	226.27	0.00015
-106.07	219.20	0.00014	-113.14	212.13	0.00014
-120.21	205.06	0.00013	-127.28	197.99	0.00012
-134.35	190.92	0.00012	-141.42	183.85	0.00011
-144.96	180.31	0.00011	-148.49	176.78	0.00010
-150.61	174.66	0.00010	-152.03	173.24	0.00010
-153.44	171.83	0.00010	-154.86	170.41	0.00010
-156.27	169.00	0.00009	-169.00	156.27	0.00008
-170.41	154.86	0.00008	-171.83	153.44	0.00008
-173.24	152.03	0.00008	-174.66	150.61	0.00008

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_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00007	-180.31	144.96	0.00007
-183.85	141.42	0.00007	-190.92	134.35	0.00006
-197.99	127.28	0.00006	-205.06	120.21	0.00005
-212.13	113.14	0.00005	-219.20	106.07	0.00004
-226.27	99.00	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00016	-91.92	219.20	0.00015
-98.99	212.13	0.00015	-106.07	205.06	0.00014
-113.14	197.99	0.00014	-120.21	190.92	0.00013
-127.28	183.85	0.00012	-134.35	176.78	0.00012
-137.89	173.24	0.00011	-141.42	169.71	0.00011
-143.54	167.58	0.00011	-144.96	166.17	0.00010

12NCRA_SR02-300_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	0.00008
-163.34	147.79	0.00008	-164.76	146.37	0.00008
-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00007
-176.78	134.35	0.00007	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00005
-205.06	106.07	0.00005	-212.13	99.00	0.00005
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00017	-84.85	212.13	0.00016
-91.92	205.06	0.00016	-98.99	197.99	0.00015
-106.07	190.92	0.00015	-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	0.00010	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00008	-160.51	136.47	0.00008
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	99.00	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00018	-77.78	205.06	0.00017
-84.85	197.99	0.00017	-91.92	190.92	0.00016
-98.99	183.85	0.00015	-106.07	176.78	0.00015
-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 ***

19:46:37

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00008	-159.10	123.74	0.00008
-162.63	120.21	0.00008	-169.71	113.14	0.00007
-176.78	106.07	0.00006	-183.85	98.99	0.00006
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00004	-212.13	70.71	0.00004
-63.64	205.06	0.00019	-70.71	197.99	0.00018
-77.78	190.92	0.00018	-84.85	183.85	0.00017
-91.92	176.78	0.00016	-98.99	169.71	0.00015
-106.07	162.63	0.00015	-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	0.00009
-144.96	123.74	0.00009	-146.37	122.33	0.00009
-148.49	120.21	0.00009	-152.03	116.67	0.00008
-155.56	113.14	0.00008	-162.63	106.07	0.00007
-169.71	98.99	0.00007	-176.78	91.92	0.00006
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00004	-205.06	63.64	0.00004
-56.57	197.99	0.00020	-63.64	190.92	0.00019
-70.71	183.85	0.00019	-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	0.00010
-135.06	119.50	0.00010	-136.47	118.09	0.00010
-137.89	116.67	0.00010	-139.30	115.26	0.00009
-141.42	113.14	0.00009	-144.96	109.60	0.00009
-148.49	106.07	0.00008	-155.56	98.99	0.00007
-162.63	91.92	0.00007	-169.71	84.85	0.00006
-176.78	77.78	0.00006	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:46:37
 **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 **

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00021	-56.57	183.85	0.00020
-63.64	176.78	0.00020	-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	0.00010
-130.81	109.60	0.00010	-132.23	108.19	0.00010
-134.35	106.07	0.00010	-137.89	102.53	0.00009
-141.42	98.99	0.00009	-148.49	91.92	0.00008
-155.56	84.85	0.00007	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00004
-42.43	183.85	0.00022	-49.50	176.78	0.00022
-56.57	169.71	0.00021	-63.64	162.63	0.00020
-70.71	155.56	0.00019	-77.78	148.49	0.00019
-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	0.00011
-120.92	105.36	0.00011	-122.33	103.94	0.00011
-123.74	102.53	0.00011	-125.16	101.12	0.00010
-127.28	98.99	0.00010	-130.81	95.46	0.00010
-134.35	91.92	0.00009	-141.42	84.85	0.00008
-148.49	77.78	0.00007	-155.56	70.71	0.00007
-162.63	63.64	0.00006	-169.71	56.57	0.00005
-176.78	49.50	0.00005	-183.85	42.43	0.00004
-35.36	176.78	0.00024	-42.43	169.71	0.00023
-49.50	162.63	0.00022	-56.57	155.56	0.00022
-63.64	148.49	0.00021	-70.71	141.42	0.00020
-77.78	134.35	0.00019	-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	0.00014	-112.43	99.70	0.00012
-113.84	98.29	0.00012	-115.26	96.87	0.00011
-116.67	95.46	0.00011	-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

19:46:37

**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	0.00009	-134.35	77.78	0.00008
-141.42	70.71	0.00008	-148.49	63.64	0.00007
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00005	-176.78	35.36	0.00004
-28.28	169.71	0.00025	-35.36	162.63	0.00025
-42.43	155.56	0.00024	-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	0.00019
-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	0.00012	-108.19	89.80	0.00012
-109.60	88.39	0.00012	-111.02	86.97	0.00012
-113.14	84.85	0.00011	-116.67	81.32	0.00011
-120.21	77.78	0.00010	-127.28	70.71	0.00009
-134.35	63.64	0.00008	-141.42	56.57	0.00007
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00005	-169.71	28.28	0.00005
-21.21	162.63	0.00027	-28.28	155.56	0.00026
-35.36	148.49	0.00026	-42.43	141.42	0.00025
-49.50	134.35	0.00024	-56.57	127.28	0.00023
-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	0.00013
-99.70	84.15	0.00013	-101.12	82.73	0.00013
-102.53	81.32	0.00012	-103.94	79.90	0.00012
-106.07	77.78	0.00012	-109.60	74.25	0.00011
-113.14	70.71	0.00010	-120.21	63.64	0.00009
-127.28	56.57	0.00008	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00006
-155.56	28.28	0.00005	-162.63	21.21	0.00005
-14.14	155.56	0.00029	-21.21	148.49	0.00028
-28.28	141.42	0.00027	-35.36	134.35	0.00027

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00026	-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 ***

19:46:37
 **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	0.00017	-91.22	78.49	0.00014
-92.63	77.07	0.00014	-94.05	75.66	0.00013
-95.46	74.25	0.00013	-96.87	72.83	0.00013
-98.99	70.71	0.00012	-102.53	67.18	0.00012
-106.07	63.64	0.00011	-113.14	56.57	0.00010
-120.21	49.50	0.00009	-127.28	42.43	0.00008
-134.35	35.36	0.00007	-141.42	28.28	0.00006
-148.49	21.21	0.00005	-155.56	14.14	0.00005
-7.07	148.49	0.00031	-14.14	141.42	0.00030
-21.21	134.35	0.00030	-28.28	127.28	0.00029
-35.36	120.21	0.00027	-42.43	113.14	0.00026
-49.50	106.07	0.00025	-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	0.00019	-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	0.00014
-88.39	67.18	0.00014	-89.80	65.76	0.00014
-91.92	63.64	0.00013	-95.46	60.10	0.00012
-98.99	56.57	0.00012	-106.07	49.50	0.00010
-113.14	42.43	0.00009	-120.21	35.36	0.00008
-127.28	28.28	0.00007	-134.35	21.21	0.00006
-141.42	14.14	0.00005	-148.49	7.07	0.00005
0.00	141.42	0.00033	-7.07	134.35	0.00032
-14.14	127.28	0.00032	-21.21	120.21	0.00031
-28.28	113.14	0.00030	-35.36	106.07	0.00028
-42.43	98.99	0.00027	-49.50	91.92	0.00025
-53.03	88.39	0.00024	-56.57	84.85	0.00022
-58.69	82.73	0.00022	-60.10	81.32	0.00021

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00021	-62.93	78.49	0.00020
-64.35	77.07	0.00020	-77.07	64.35	0.00016
-78.49	62.93	0.00016	-79.90	61.52	0.00015
-81.32	60.10	0.00015	-82.73	58.69	0.00014
-84.85	56.57	0.00014	-88.39	53.03	0.00013
-91.92	49.50	0.00012	-98.99	42.43	0.00011
-106.07	35.36	0.00009	-113.14	28.28	0.00008
-120.21	21.21	0.00007	-127.28	14.14	0.00006
-134.35	7.07	0.00006	-141.42	0.00	0.00005

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

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

19:46:37

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00035	0.00	127.28	0.00035
-7.07	120.21	0.00034	-14.14	113.14	0.00033
-21.21	106.07	0.00032	-28.28	98.99	0.00031
-35.36	91.92	0.00029	-42.43	84.85	0.00027
-45.96	81.32	0.00025	-49.50	77.78	0.00024
-51.62	75.66	0.00024	-53.03	74.25	0.00023
-54.45	72.83	0.00023	-55.86	71.42	0.00022
-57.28	70.00	0.00021	-70.00	57.28	0.00017
-71.42	55.86	0.00017	-72.83	54.45	0.00016
-74.25	53.03	0.00016	-75.66	51.62	0.00015
-77.78	49.50	0.00015	-81.32	45.96	0.00014
-84.85	42.43	0.00013	-91.92	35.36	0.00011
-98.99	28.28	0.00010	-106.07	21.21	0.00009
-113.14	14.14	0.00007	-120.21	7.07	0.00007
-127.28	0.00	0.00006	-134.35	-7.07	0.00005
14.14	127.28	0.00038	7.07	120.21	0.00038
0.00	113.14	0.00037	-7.07	106.07	0.00036
-14.14	98.99	0.00035	-21.21	91.92	0.00033
-28.28	84.85	0.00031	-35.36	77.78	0.00029
-38.89	74.25	0.00028	-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	0.00018
-64.35	48.79	0.00018	-65.76	47.38	0.00017
-67.18	45.96	0.00017	-68.59	44.55	0.00016

12NCRA_SR02-300_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	0.00012
-91.92	21.21	0.00010	-98.99	14.14	0.00009
-106.07	7.07	0.00008	-113.14	0.00	0.00007
-120.21	-7.07	0.00006	-127.28	-14.14	0.00005
21.21	120.21	0.00040	14.14	113.14	0.00041
7.07	106.07	0.00040	0.00	98.99	0.00039
-7.07	91.92	0.00038	-14.14	84.85	0.00036
-21.21	77.78	0.00034	-28.28	70.71	0.00031
-31.82	67.18	0.00030	-35.36	63.64	0.00029
-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	0.00019	-58.69	40.31	0.00018
-60.10	38.89	0.00018	-61.52	37.48	0.00017

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

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

19:46:37

**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	0.00015
-70.71	28.28	0.00014	-77.78	21.21	0.00012
-84.85	14.14	0.00011	-91.92	7.07	0.00009
-98.99	0.00	0.00008	-106.07	-7.07	0.00007
-113.14	-14.14	0.00006	-120.21	-21.21	0.00006
28.28	113.14	0.00044	21.21	106.07	0.00044
14.14	98.99	0.00044	7.07	91.92	0.00043
0.00	84.85	0.00041	-7.07	77.78	0.00039
-14.14	70.71	0.00037	-21.21	63.64	0.00034
-24.75	60.10	0.00033	-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	0.00021
-50.20	34.65	0.00020	-51.62	33.23	0.00020
-53.03	31.82	0.00019	-54.45	30.41	0.00019
-56.57	28.28	0.00018	-60.10	24.75	0.00016
-63.64	21.21	0.00015	-70.71	14.14	0.00013
-77.78	7.07	0.00011	-84.85	0.00	0.00010
-91.92	-7.07	0.00008	-98.99	-14.14	0.00007

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00006	-113.14	-28.28	0.00006
35.36	106.07	0.00047	28.28	98.99	0.00047
21.21	91.92	0.00047	14.14	84.85	0.00047
7.07	77.78	0.00045	0.00	70.71	0.00043
-7.07	63.64	0.00041	-14.14	56.57	0.00038
-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	0.00022	-44.55	26.16	0.00021
-45.96	24.75	0.00020	-47.38	23.33	0.00020
-49.50	21.21	0.00019	-53.03	17.68	0.00017
-56.57	14.14	0.00016	-63.64	7.07	0.00014
-70.71	0.00	0.00012	-77.78	-7.07	0.00010
-84.85	-14.14	0.00009	-91.92	-21.21	0.00007
-98.99	-28.28	0.00007	-106.07	-35.36	0.00006
42.43	98.99	0.00051	35.36	91.92	0.00051
28.28	84.85	0.00052	21.21	77.78	0.00051
14.14	70.71	0.00050	7.07	63.64	0.00048
0.00	56.57	0.00045	-7.07	49.50	0.00042
-10.61	45.96	0.00040	-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 ***

19:46:37
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00036	-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	0.00024
-36.06	20.51	0.00024	-37.48	19.09	0.00023
-38.89	17.68	0.00022	-40.31	16.26	0.00021
-42.43	14.14	0.00020	-45.96	10.61	0.00019
-49.50	7.07	0.00017	-56.57	0.00	0.00014
-63.64	-7.07	0.00012	-70.71	-14.14	0.00010
-77.78	-21.21	0.00009	-84.85	-28.28	0.00008
-91.92	-35.36	0.00007	-98.99	-42.43	0.00006
49.50	91.92	0.00055	42.43	84.85	0.00056
35.36	77.78	0.00056	28.28	70.71	0.00056
21.21	63.64	0.00055	14.14	56.57	0.00053

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00050	0.00	42.43	0.00046
-3.54	38.89	0.00044	-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	0.00026
-28.99	13.44	0.00026	-30.41	12.02	0.00025
-31.82	10.61	0.00024	-33.23	9.19	0.00023
-35.36	7.07	0.00022	-38.89	3.54	0.00020
-42.43	0.00	0.00018	-49.50	-7.07	0.00015
-56.57	-14.14	0.00013	-63.64	-21.21	0.00011
-70.71	-28.28	0.00009	-77.78	-35.36	0.00008
-84.85	-42.43	0.00007	-91.92	-49.50	0.00007
56.57	84.85	0.00059	49.50	77.78	0.00061
42.43	70.71	0.00062	35.36	63.64	0.00062
28.28	56.57	0.00061	21.21	49.50	0.00059
14.14	42.43	0.00055	7.07	35.36	0.00051
3.54	31.82	0.00049	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	0.00029
-21.92	6.36	0.00028	-23.33	4.95	0.00027
-24.75	3.54	0.00026	-26.16	2.12	0.00025
-28.28	0.00	0.00023	-31.82	-3.54	0.00021
-35.36	-7.07	0.00019	-42.43	-14.14	0.00016
-49.50	-21.21	0.00013	-56.57	-28.28	0.00011
-63.64	-35.36	0.00010	-70.71	-42.43	0.00008
-77.78	-49.50	0.00008	-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 ***

19:46:37
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00064	56.57	70.71	0.00066
49.50	63.64	0.00068	42.43	56.57	0.00068
35.36	49.50	0.00068	28.28	42.43	0.00065
21.21	35.36	0.00062	14.14	28.28	0.00057
10.61	24.75	0.00055	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

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00044	-13.44	0.71	0.00031
-14.85	-0.71	0.00030	-16.26	-2.12	0.00029
-17.68	-3.54	0.00028	-19.09	-4.95	0.00027
-21.21	-7.07	0.00025	-24.75	-10.61	0.00023
-28.28	-14.14	0.00021	-35.36	-21.21	0.00017
-42.43	-28.28	0.00014	-49.50	-35.36	0.00012
-56.57	-42.43	0.00010	-63.64	-49.50	0.00009
-70.71	-56.57	0.00008	-77.78	-63.64	0.00008
70.71	70.71	0.00069	63.64	63.64	0.00072
56.57	56.57	0.00074	49.50	49.50	0.00075
42.43	42.43	0.00075	35.36	35.36	0.00073
28.28	28.28	0.00070	21.21	21.21	0.00065
17.68	17.68	0.00061	14.14	14.14	0.00058
12.02	12.02	0.00056	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	0.00034
-7.78	-7.78	0.00033	-9.19	-9.19	0.00032
-10.61	-10.61	0.00030	-12.02	-12.02	0.00029
-14.14	-14.14	0.00027	-17.68	-17.68	0.00025
-21.21	-21.21	0.00022	-28.28	-28.28	0.00018
-35.36	-35.36	0.00015	-42.43	-42.43	0.00012
-49.50	-49.50	0.00010	-56.57	-56.57	0.00009
-63.64	-63.64	0.00009	-70.71	-70.71	0.00008
77.78	63.64	0.00075	70.71	56.57	0.00078
63.64	49.50	0.00081	56.57	42.43	0.00084
49.50	35.36	0.00084	42.43	28.28	0.00083
35.36	21.21	0.00079	28.28	14.14	0.00073
24.75	10.61	0.00070	21.21	7.07	0.00066
19.09	4.95	0.00063	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	0.00038
-0.71	-14.85	0.00036	-2.12	-16.26	0.00035
-3.54	-17.68	0.00033	-4.95	-19.09	0.00032

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

19:46:37
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00030	-10.61	-24.75	0.00026

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00024	-21.21	-35.36	0.00019
-28.28	-42.43	0.00015	-35.36	-49.50	0.00013
-42.43	-56.57	0.00011	-49.50	-63.64	0.00010
-56.57	-70.71	0.00009	-63.64	-77.78	0.00009
84.85	56.57	0.00081	77.78	49.50	0.00085
70.71	42.43	0.00090	63.64	35.36	0.00093
56.57	28.28	0.00094	49.50	21.21	0.00094
42.43	14.14	0.00090	35.36	7.07	0.00084
31.82	3.54	0.00080	28.28	0.00	0.00075
26.16	-2.12	0.00072	24.75	-3.54	0.00070
23.33	-4.95	0.00068	21.92	-6.36	0.00065
20.51	-7.78	0.00063	7.78	-20.51	0.00042
6.36	-21.92	0.00040	4.95	-23.33	0.00038
3.54	-24.75	0.00036	2.12	-26.16	0.00034
0.00	-28.28	0.00032	-3.54	-31.82	0.00028
-7.07	-35.36	0.00025	-14.14	-42.43	0.00020
-21.21	-49.50	0.00016	-28.28	-56.57	0.00013
-35.36	-63.64	0.00012	-42.43	-70.71	0.00011
-49.50	-77.78	0.00010	-56.57	-84.85	0.00010
91.92	49.50	0.00087	84.85	42.43	0.00093
77.78	35.36	0.00099	70.71	28.28	0.00103
63.64	21.21	0.00106	56.57	14.14	0.00107
49.50	7.07	0.00104	42.43	0.00	0.00097
38.89	-3.54	0.00092	35.36	-7.07	0.00087
33.23	-9.19	0.00083	31.82	-10.61	0.00080
30.41	-12.02	0.00078	28.99	-13.44	0.00075
27.58	-14.85	0.00072	14.85	-27.58	0.00047
13.44	-28.99	0.00044	12.02	-30.41	0.00042
10.61	-31.82	0.00040	9.19	-33.23	0.00038
7.07	-35.36	0.00035	3.54	-38.89	0.00031
0.00	-42.43	0.00027	-7.07	-49.50	0.00021
-14.14	-56.57	0.00017	-21.21	-63.64	0.00014
-28.28	-70.71	0.00013	-35.36	-77.78	0.00012
-42.43	-84.85	0.00011	-49.50	-91.92	0.00011
98.99	42.43	0.00094	91.92	35.36	0.00101
84.85	28.28	0.00109	77.78	21.21	0.00115
70.71	14.14	0.00120	63.64	7.07	0.00122
56.57	0.00	0.00120	49.50	-7.07	0.00113
45.96	-10.61	0.00107	42.43	-14.14	0.00101

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

*** NCRA Cumulative DPM Impacts

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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00097	38.89	-17.68	0.00094
37.48	-19.09	0.00090	36.06	-20.51	0.00087
34.65	-21.92	0.00083	21.92	-34.65	0.00052
20.51	-36.06	0.00049	19.09	-37.48	0.00046
17.68	-38.89	0.00044	16.26	-40.31	0.00041
14.14	-42.43	0.00038	10.61	-45.96	0.00033
7.07	-49.50	0.00029	0.00	-56.57	0.00022
-7.07	-63.64	0.00018	-14.14	-70.71	0.00015
-21.21	-77.78	0.00014	-28.28	-84.85	0.00013
-35.36	-91.92	0.00012	-42.43	-98.99	0.00012
106.07	35.36	0.00101	98.99	28.28	0.00110
91.92	21.21	0.00119	84.85	14.14	0.00128
77.78	7.07	0.00135	70.71	0.00	0.00140
63.64	-7.07	0.00139	56.57	-14.14	0.00133
53.03	-17.68	0.00127	49.50	-21.21	0.00119
47.38	-23.33	0.00114	45.96	-24.75	0.00110
44.55	-26.16	0.00106	43.13	-27.58	0.00102
41.72	-28.99	0.00098	28.99	-41.72	0.00058
27.58	-43.13	0.00055	26.16	-44.55	0.00051
24.75	-45.96	0.00048	23.33	-47.38	0.00045
21.21	-49.50	0.00042	17.68	-53.03	0.00036
14.14	-56.57	0.00031	7.07	-63.64	0.00023
0.00	-70.71	0.00019	-7.07	-77.78	0.00017
-14.14	-84.85	0.00015	-21.21	-91.92	0.00014
-28.28	-98.99	0.00013	-35.36	-106.07	0.00013
113.14	28.28	0.00108	106.07	21.21	0.00119
98.99	14.14	0.00131	91.92	7.07	0.00142
84.85	0.00	0.00153	77.78	-7.07	0.00160
70.71	-14.14	0.00163	63.64	-21.21	0.00158
60.10	-24.75	0.00151	56.57	-28.28	0.00143
54.45	-30.41	0.00136	53.03	-31.82	0.00132
51.62	-33.23	0.00127	50.20	-34.65	0.00121
48.79	-36.06	0.00116	36.06	-48.79	0.00066
34.65	-50.20	0.00061	33.23	-51.62	0.00057
31.82	-53.03	0.00054	30.41	-54.45	0.00050
28.28	-56.57	0.00045	24.75	-60.10	0.00038
21.21	-63.64	0.00033	14.14	-70.71	0.00025
7.07	-77.78	0.00021	0.00	-84.85	0.00019
-7.07	-91.92	0.00017	-14.14	-98.99	0.00016

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00015 -28.28 -113.14 0.00014

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

19:46:37

**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	0.00115	113.14	14.14	0.00128
106.07	7.07	0.00143	98.99	0.00	0.00158
91.92	-7.07	0.00172	84.85	-14.14	0.00185
77.78	-21.21	0.00191	70.71	-28.28	0.00189
67.18	-31.82	0.00183	63.64	-35.36	0.00173
61.52	-37.48	0.00166	60.10	-38.89	0.00160
58.69	-40.31	0.00154	57.28	-41.72	0.00147
55.86	-43.13	0.00140	43.13	-55.86	0.00075
41.72	-57.28	0.00069	40.31	-58.69	0.00064
38.89	-60.10	0.00059	37.48	-61.52	0.00055
35.36	-63.64	0.00049	31.82	-67.18	0.00041
28.28	-70.71	0.00035	21.21	-77.78	0.00027
14.14	-84.85	0.00023	7.07	-91.92	0.00021
0.00	-98.99	0.00019	-7.07	-106.07	0.00017
-14.14	-113.14	0.00016	-21.21	-120.21	0.00015
127.28	14.14	0.00120	120.21	7.07	0.00137
113.14	0.00	0.00154	106.07	-7.07	0.00174
98.99	-14.14	0.00194	91.92	-21.21	0.00212
84.85	-28.28	0.00226	77.78	-35.36	0.00228
74.25	-38.89	0.00224	70.71	-42.43	0.00213
68.59	-44.55	0.00205	67.18	-45.96	0.00198
65.76	-47.38	0.00190	64.35	-48.79	0.00181
62.93	-50.20	0.00172	50.20	-62.93	0.00085
48.79	-64.35	0.00078	47.38	-65.76	0.00071
45.96	-67.18	0.00065	44.55	-68.59	0.00060
42.43	-70.71	0.00053	38.89	-74.25	0.00044
35.36	-77.78	0.00037	28.28	-84.85	0.00030
21.21	-91.92	0.00026	14.14	-98.99	0.00023
7.07	-106.07	0.00021	0.00	-113.14	0.00019
-7.07	-120.21	0.00017	-14.14	-127.28	0.00016
134.35	7.07	0.00125	127.28	0.00	0.00144
120.21	-7.07	0.00165	113.14	-14.14	0.00190
106.07	-21.21	0.00216	98.99	-28.28	0.00243

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00266	84.85	-42.43	0.00278
81.32	-45.96	0.00276	77.78	-49.50	0.00267
75.66	-51.62	0.00258	74.25	-53.03	0.00249
72.83	-54.45	0.00240	71.42	-55.86	0.00229
70.00	-57.28	0.00217	57.28	-70.00	0.00096
55.86	-71.42	0.00087	54.45	-72.83	0.00079
53.03	-74.25	0.00072	51.62	-75.66	0.00065

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

19:46:37

**MODELOPTs:
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00057	45.96	-81.32	0.00047
42.43	-84.85	0.00041	35.36	-91.92	0.00033
28.28	-98.99	0.00029	21.21	-106.07	0.00026
14.14	-113.14	0.00023	7.07	-120.21	0.00021
0.00	-127.28	0.00018	-7.07	-134.35	0.00017
141.42	0.00	0.00129	134.35	-7.07	0.00150
127.28	-14.14	0.00175	120.21	-21.21	0.00204
113.14	-28.28	0.00237	106.07	-35.36	0.00274
98.99	-42.43	0.00311	91.92	-49.50	0.00338
88.39	-53.03	0.00343	84.85	-56.57	0.00338
82.73	-58.69	0.00330	81.32	-60.10	0.00321
79.90	-61.52	0.00310	78.49	-62.93	0.00296
77.07	-64.35	0.00280	64.35	-77.07	0.00108
62.93	-78.49	0.00096	61.52	-79.90	0.00086
60.10	-81.32	0.00077	58.69	-82.73	0.00070
56.57	-84.85	0.00062	53.03	-88.39	0.00052
49.50	-91.92	0.00045	42.43	-98.99	0.00037
35.36	-106.07	0.00032	28.28	-113.14	0.00028
21.21	-120.21	0.00025	14.14	-127.28	0.00022
7.07	-134.35	0.00020	0.00	-141.42	0.00018
148.49	-7.07	0.00133	141.42	-14.14	0.00155
134.35	-21.21	0.00182	127.28	-28.28	0.00216
120.21	-35.36	0.00256	113.14	-42.43	0.00303
106.07	-49.50	0.00357	98.99	-56.57	0.00407
95.46	-60.10	0.00424	91.92	-63.64	0.00431
89.80	-65.76	0.00427	88.39	-67.18	0.00420
86.97	-68.59	0.00409	85.56	-70.00	0.00393

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00373	71.42	-84.15	0.00120
70.00	-85.56	0.00105	68.59	-86.97	0.00093
67.18	-88.39	0.00083	65.76	-89.80	0.00076
63.64	-91.92	0.00067	60.10	-95.46	0.00057
56.57	-98.99	0.00050	49.50	-106.07	0.00042
42.43	-113.14	0.00036	35.36	-120.21	0.00032
28.28	-127.28	0.00028	21.21	-134.35	0.00024
14.14	-141.42	0.00022	7.07	-148.49	0.00019
155.56	-14.14	0.00135	148.49	-21.21	0.00159
141.42	-28.28	0.00188	134.35	-35.36	0.00225
127.28	-42.43	0.00271	120.21	-49.50	0.00328
113.14	-56.57	0.00397	106.07	-63.64	0.00474
102.53	-67.18	0.00513	98.99	-70.71	0.00542

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

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

19:46:37

**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	0.00552	95.46	-74.25	0.00553
94.05	-75.66	0.00547	92.63	-77.07	0.00534
91.22	-78.49	0.00513	78.49	-91.22	0.00130
77.07	-92.63	0.00113	75.66	-94.05	0.00100
74.25	-95.46	0.00091	72.83	-96.87	0.00083
70.71	-98.99	0.00074	67.18	-102.53	0.00063
63.64	-106.07	0.00056	56.57	-113.14	0.00047
49.50	-120.21	0.00040	42.43	-127.28	0.00035
35.36	-134.35	0.00031	28.28	-141.42	0.00027
21.21	-148.49	0.00024	14.14	-155.56	0.00021
162.63	-21.21	0.00136	155.56	-28.28	0.00161
148.49	-35.36	0.00193	141.42	-42.43	0.00233
134.35	-49.50	0.00284	127.28	-56.57	0.00349
120.21	-63.64	0.00431	113.14	-70.71	0.00532
109.60	-74.25	0.00589	106.07	-77.78	0.00645
103.94	-79.90	0.00675	102.53	-81.32	0.00693
101.12	-82.73	0.00709	99.70	-84.15	0.00719
98.29	-85.56	0.00718	85.56	-98.29	0.00141
84.15	-99.70	0.00123	82.73	-101.12	0.00110
81.32	-102.53	0.00100	79.90	-103.94	0.00091
77.78	-106.07	0.00082	74.25	-109.60	0.00071

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00063	63.64	-120.21	0.00053
56.57	-127.28	0.00046	49.50	-134.35	0.00040
42.43	-141.42	0.00034	35.36	-148.49	0.00030
28.28	-155.56	0.00026	21.21	-162.63	0.00023
169.71	-28.28	0.00137	162.63	-35.36	0.00163
155.56	-42.43	0.00196	148.49	-49.50	0.00239
141.42	-56.57	0.00294	134.35	-63.64	0.00366
127.28	-70.71	0.00460	120.21	-77.78	0.00581
116.67	-81.32	0.00652	113.14	-84.85	0.00727
111.02	-86.97	0.00772	109.60	-88.39	0.00801
108.19	-89.80	0.00829	106.77	-91.22	0.00861
105.36	-92.63	0.00892	92.63	-105.36	0.00163
91.22	-106.77	0.00140	89.80	-108.19	0.00123
88.39	-109.60	0.00111	86.97	-111.02	0.00102
84.85	-113.14	0.00091	81.32	-116.67	0.00079
77.78	-120.21	0.00071	70.71	-127.28	0.00060
63.64	-134.35	0.00051	56.57	-141.42	0.00044
49.50	-148.49	0.00037	42.43	-155.56	0.00032
35.36	-162.63	0.00028	28.28	-169.71	0.00024

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

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

19:46:37
 **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	0.00137	169.71	-42.43	0.00163
162.63	-49.50	0.00197	155.56	-56.57	0.00241
148.49	-63.64	0.00299	141.42	-70.71	0.00375
134.35	-77.78	0.00476	127.28	-84.85	0.00607
123.74	-88.39	0.00685	120.21	-91.92	0.00770
118.09	-94.05	0.00820	116.67	-95.46	0.00853
115.26	-96.87	0.00886	113.84	-98.29	0.00919
112.43	-99.70	0.00957	99.70	-112.43	0.00206
98.29	-113.84	0.00174	96.87	-115.26	0.00151
95.46	-116.67	0.00134	94.05	-118.09	0.00121
91.92	-120.21	0.00106	88.39	-123.74	0.00090
84.85	-127.28	0.00080	77.78	-134.35	0.00065
70.71	-141.42	0.00055	63.64	-148.49	0.00046
56.57	-155.56	0.00039	49.50	-162.63	0.00034
42.43	-169.71	0.00029	35.36	-176.78	0.00025

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00135	176.78	-49.50	0.00161
169.71	-56.57	0.00194	162.63	-63.64	0.00238
155.56	-70.71	0.00296	148.49	-77.78	0.00372
141.42	-84.85	0.00476	134.35	-91.92	0.00612
130.81	-95.46	0.00693	127.28	-98.99	0.00783
125.16	-101.12	0.00839	123.74	-102.53	0.00877
122.33	-103.94	0.00913	120.92	-105.36	0.00950
119.50	-106.77	0.00993	106.77	-119.50	0.00249
105.36	-120.92	0.00211	103.94	-122.33	0.00184
102.53	-123.74	0.00164	101.12	-125.16	0.00148
98.99	-127.28	0.00130	95.46	-130.81	0.00109
91.92	-134.35	0.00094	84.85	-141.42	0.00074
77.78	-148.49	0.00060	70.71	-155.56	0.00049
63.64	-162.63	0.00041	56.57	-169.71	0.00035
49.50	-176.78	0.00030	42.43	-183.85	0.00026
190.92	-49.50	0.00132	183.85	-56.57	0.00157
176.78	-63.64	0.00188	169.71	-70.71	0.00230
162.63	-77.78	0.00286	155.56	-84.85	0.00360
148.49	-91.92	0.00461	141.42	-98.99	0.00599
137.89	-102.53	0.00684	134.35	-106.07	0.00778
132.23	-108.19	0.00838	130.81	-109.60	0.00879
129.40	-111.02	0.00920	127.99	-112.43	0.00961
126.57	-113.84	0.01006	113.84	-126.57	0.00287
112.43	-127.99	0.00246	111.02	-129.40	0.00216
109.60	-130.81	0.00193	108.19	-132.23	0.00175

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

19:46:37
 **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	0.00154	102.53	-137.89	0.00130
98.99	-141.42	0.00111	91.92	-148.49	0.00085
84.85	-155.56	0.00067	77.78	-162.63	0.00053
70.71	-169.71	0.00044	63.64	-176.78	0.00037
56.57	-183.85	0.00031	49.50	-190.92	0.00027
197.99	-56.57	0.00128	190.92	-63.64	0.00151
183.85	-70.71	0.00180	176.78	-77.78	0.00219
169.71	-84.85	0.00270	162.63	-91.92	0.00340
155.56	-98.99	0.00436	148.49	-106.07	0.00570

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00655	141.42	-113.14	0.00752
139.30	-115.26	0.00815	137.89	-116.67	0.00858
136.47	-118.09	0.00903	135.06	-119.50	0.00948
133.64	-120.92	0.00996	120.92	-133.64	0.00316
119.50	-135.06	0.00275	118.09	-136.47	0.00243
116.67	-137.89	0.00219	115.26	-139.30	0.00199
113.14	-141.42	0.00176	109.60	-144.96	0.00148
106.07	-148.49	0.00128	98.99	-155.56	0.00096
91.92	-162.63	0.00074	84.85	-169.71	0.00059
77.78	-176.78	0.00047	70.71	-183.85	0.00039
63.64	-190.92	0.00033	56.57	-197.99	0.00028
205.06	-63.64	0.00123	197.99	-70.71	0.00144
190.92	-77.78	0.00171	183.85	-84.85	0.00206
176.78	-91.92	0.00251	169.71	-98.99	0.00313
162.63	-106.07	0.00400	155.56	-113.14	0.00524
152.03	-116.67	0.00605	148.49	-120.21	0.00701
146.37	-122.33	0.00765	144.96	-123.74	0.00810
143.54	-125.16	0.00857	142.13	-126.57	0.00905
140.71	-127.99	0.00957	127.99	-140.71	0.00337
126.57	-142.13	0.00297	125.16	-143.54	0.00266
123.74	-144.96	0.00241	122.33	-146.37	0.00221
120.21	-148.49	0.00196	116.67	-152.03	0.00164
113.14	-155.56	0.00140	106.07	-162.63	0.00106
98.99	-169.71	0.00082	91.92	-176.78	0.00064
84.85	-183.85	0.00051	77.78	-190.92	0.00042
70.71	-197.99	0.00035	63.64	-205.06	0.00029
212.13	-70.71	0.00117	205.06	-77.78	0.00137
197.99	-84.85	0.00161	190.92	-91.92	0.00192
183.85	-98.99	0.00232	176.78	-106.07	0.00285
169.71	-113.14	0.00358	162.63	-120.21	0.00463
159.10	-123.74	0.00534	155.56	-127.28	0.00622

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

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

19:46:37
 **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	0.00683	152.03	-130.81	0.00727
150.61	-132.23	0.00774	149.20	-133.64	0.00825
147.79	-135.06	0.00882	135.06	-147.79	0.00352

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00313	132.23	-150.61	0.00284
130.81	-152.03	0.00259	129.40	-153.44	0.00238
127.28	-155.56	0.00211	123.74	-159.10	0.00176
120.21	-162.63	0.00151	113.14	-169.71	0.00114
106.07	-176.78	0.00089	98.99	-183.85	0.00069
91.92	-190.92	0.00055	84.85	-197.99	0.00045
77.78	-205.06	0.00037	70.71	-212.13	0.00030
219.20	-77.78	0.00111	212.13	-84.85	0.00128
205.06	-91.92	0.00150	197.99	-98.99	0.00177
190.92	-106.07	0.00212	183.85	-113.14	0.00256
176.78	-120.21	0.00316	169.71	-127.28	0.00397
166.17	-130.81	0.00450	162.63	-134.35	0.00517
160.51	-136.47	0.00566	159.10	-137.89	0.00603
157.68	-139.30	0.00646	156.27	-140.71	0.00695
154.86	-142.13	0.00754	142.13	-154.86	0.00361
140.71	-156.27	0.00325	139.30	-157.68	0.00295
137.89	-159.10	0.00271	136.47	-160.51	0.00249
134.35	-162.63	0.00221	130.81	-166.17	0.00186
127.28	-169.71	0.00159	120.21	-176.78	0.00120
113.14	-183.85	0.00094	106.07	-190.92	0.00073
98.99	-197.99	0.00058	91.92	-205.06	0.00047
84.85	-212.13	0.00038	77.78	-219.20	0.00032
226.27	-84.85	0.00103	219.20	-91.92	0.00119
212.13	-98.99	0.00138	205.06	-106.07	0.00161
197.99	-113.14	0.00191	190.92	-120.21	0.00228
183.85	-127.28	0.00275	176.78	-134.35	0.00335
173.24	-137.89	0.00372	169.71	-141.42	0.00414
167.58	-143.54	0.00442	166.17	-144.96	0.00464
164.76	-146.37	0.00488	163.34	-147.79	0.00518
161.93	-149.20	0.00558	149.20	-161.93	0.00364
147.79	-163.34	0.00329	146.37	-164.76	0.00300
144.96	-166.17	0.00276	143.54	-167.58	0.00255
141.42	-169.71	0.00228	137.89	-173.24	0.00192
134.35	-176.78	0.00163	127.28	-183.85	0.00123
120.21	-190.92	0.00096	113.14	-197.99	0.00076
106.07	-205.06	0.00060	98.99	-212.13	0.00049
91.92	-219.20	0.00040	84.85	-226.27	0.00033

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_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

12NCRA_SR02-300_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	0.00095	226.27	-98.99	0.00109
219.20	-106.07	0.00125	212.13	-113.14	0.00144
205.06	-120.21	0.00168	197.99	-127.28	0.00197
190.92	-134.35	0.00233	183.85	-141.42	0.00275
180.31	-144.96	0.00298	176.78	-148.49	0.00323
174.66	-150.61	0.00338	173.24	-152.03	0.00349
171.83	-153.44	0.00361	170.41	-154.86	0.00373
169.00	-156.27	0.00388	156.27	-169.00	0.00352
154.86	-170.41	0.00323	153.44	-171.83	0.00297
152.03	-173.24	0.00275	150.61	-174.66	0.00255
148.49	-176.78	0.00230	144.96	-180.31	0.00194
141.42	-183.85	0.00166	134.35	-190.92	0.00125
127.28	-197.99	0.00098	120.21	-205.06	0.00077
113.14	-212.13	0.00062	106.07	-219.20	0.00050
98.99	-226.27	0.00041	91.92	-233.35	0.00034
240.42	-98.99	0.00087	233.35	-106.07	0.00098
226.27	-113.14	0.00112	219.20	-120.21	0.00128
212.13	-127.28	0.00147	205.06	-134.35	0.00170
197.99	-141.42	0.00197	190.92	-148.49	0.00229
187.38	-152.03	0.00246	183.85	-155.56	0.00264
181.73	-157.68	0.00276	180.31	-159.10	0.00284
178.90	-160.51	0.00293	177.48	-161.93	0.00302
176.07	-163.34	0.00310	163.34	-176.07	0.00311
161.93	-177.48	0.00294	160.51	-178.90	0.00277
159.10	-180.31	0.00260	157.68	-181.73	0.00244
155.56	-183.85	0.00223	152.03	-187.38	0.00192
148.49	-190.92	0.00166	141.42	-197.99	0.00127
134.35	-205.06	0.00099	127.28	-212.13	0.00079
120.21	-219.20	0.00064	113.14	-226.27	0.00052
106.07	-233.35	0.00043	98.99	-240.42	0.00036
247.49	-106.07	0.00079	240.42	-113.14	0.00089
233.35	-120.21	0.00100	226.27	-127.28	0.00114
219.20	-134.35	0.00130	212.13	-141.42	0.00149
205.06	-148.49	0.00171	197.99	-155.56	0.00196
194.45	-159.10	0.00210	190.92	-162.63	0.00224
188.80	-164.76	0.00233	187.38	-166.17	0.00239
185.97	-167.58	0.00244	184.55	-169.00	0.00250
183.14	-170.41	0.00255	170.41	-183.14	0.00268
169.00	-184.55	0.00258	167.58	-185.97	0.00246
166.17	-187.38	0.00234	164.76	-188.80	0.00222

04/18/08

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00205	159.10	-194.45	0.00180
155.56	-197.99	0.00159	148.49	-205.06	0.00124
141.42	-212.13	0.00099	134.35	-219.20	0.00080
127.28	-226.27	0.00065	120.21	-233.35	0.00054
113.14	-240.42	0.00045	106.07	-247.49	0.00037

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

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

19:46:37

**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	0.00022	-113.14	240.42	0.00022
-120.21	233.35	0.00021	-127.28	226.27	0.00020
-134.35	219.20	0.00019	-141.42	212.13	0.00019
-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	0.00011
-184.55	169.00	0.00011	-185.97	167.58	0.00011
-187.38	166.17	0.00011	-188.80	164.76	0.00010
-190.92	162.63	0.00010	-194.45	159.10	0.00010
-197.99	155.56	0.00009	-205.06	148.49	0.00008
-212.13	141.42	0.00007	-219.20	134.35	0.00007
-226.27	127.28	0.00006	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00004
-98.99	240.42	0.00024	-106.07	233.35	0.00023
-113.14	226.27	0.00022	-120.21	219.20	0.00022
-127.28	212.13	0.00021	-134.35	205.06	0.00020
-141.42	197.99	0.00019	-148.49	190.92	0.00017
-152.03	187.38	0.00017	-155.56	183.85	0.00016

12NCRA_SR02-300_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	0.00014	-176.07	163.34	0.00012
-177.48	161.93	0.00012	-178.90	160.51	0.00011
-180.31	159.10	0.00011	-181.73	157.68	0.00011
-183.85	155.56	0.00011	-187.38	152.03	0.00010
-190.92	148.49	0.00009	-197.99	141.42	0.00008
-205.06	134.35	0.00008	-212.13	127.28	0.00007
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00005	-240.42	98.99	0.00004
-91.92	233.35	0.00025	-98.99	226.27	0.00025
-106.07	219.20	0.00024	-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	0.00019
-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	0.00012	-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 ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00011	-180.31	144.96	0.00011
-183.85	141.42	0.00010	-190.92	134.35	0.00009
-197.99	127.28	0.00008	-205.06	120.21	0.00007
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	99.00	0.00005	-233.35	91.92	0.00005
-84.85	226.27	0.00027	-91.92	219.20	0.00026
-98.99	212.13	0.00026	-106.07	205.06	0.00025
-113.14	197.99	0.00024	-120.21	190.92	0.00023
-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	0.00013
-163.34	147.79	0.00013	-164.76	146.37	0.00013

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00012	-167.58	143.54	0.00012
-169.71	141.42	0.00012	-173.24	137.89	0.00011
-176.78	134.35	0.00010	-183.85	127.28	0.00009
-190.92	120.21	0.00008	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	99.00	0.00006
-219.20	91.92	0.00005	-226.27	84.85	0.00005
-77.78	219.20	0.00029	-84.85	212.13	0.00028
-91.92	205.06	0.00027	-98.99	197.99	0.00027
-106.07	190.92	0.00026	-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	0.00017	-154.86	142.13	0.00014
-156.27	140.71	0.00014	-157.68	139.30	0.00013
-159.10	137.89	0.00013	-160.51	136.47	0.00013
-162.63	134.35	0.00012	-166.17	130.81	0.00012
-169.71	127.28	0.00011	-176.78	120.21	0.00010
-183.85	113.14	0.00009	-190.92	106.07	0.00008
-197.99	99.00	0.00007	-205.06	91.92	0.00006
-212.13	84.85	0.00005	-219.20	77.78	0.00005
-70.71	212.13	0.00031	-77.78	205.06	0.00030
-84.85	197.99	0.00030	-91.92	190.92	0.00029
-98.99	183.85	0.00027	-106.07	176.78	0.00026
-113.14	169.71	0.00025	-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 ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00019	-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	0.00014
-152.03	130.81	0.00014	-153.44	129.40	0.00014
-155.56	127.28	0.00013	-159.10	123.74	0.00012
-162.63	120.21	0.00012	-169.71	113.14	0.00010
-176.78	106.07	0.00009	-183.85	98.99	0.00008

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00007	-197.99	84.85	0.00006
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00033	-70.71	197.99	0.00032
-77.78	190.92	0.00032	-84.85	183.85	0.00031
-91.92	176.78	0.00030	-98.99	169.71	0.00028
-106.07	162.63	0.00027	-113.14	155.56	0.00025
-116.67	152.03	0.00024	-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	0.00020
-127.99	140.71	0.00020	-140.71	127.99	0.00016
-142.13	126.57	0.00016	-143.54	125.16	0.00015
-144.96	123.74	0.00015	-146.37	122.33	0.00014
-148.49	120.21	0.00014	-152.03	116.67	0.00013
-155.56	113.14	0.00012	-162.63	106.07	0.00011
-169.71	98.99	0.00009	-176.78	91.92	0.00008
-183.85	84.85	0.00007	-190.92	77.78	0.00006
-197.99	70.71	0.00006	-205.06	63.64	0.00005
-56.57	197.99	0.00035	-63.64	190.92	0.00035
-70.71	183.85	0.00034	-77.78	176.78	0.00033
-84.85	169.71	0.00032	-91.92	162.63	0.00031
-98.99	155.56	0.00029	-106.07	148.49	0.00027
-109.60	144.96	0.00025	-113.14	141.42	0.00024
-115.26	139.30	0.00024	-116.67	137.89	0.00023
-118.09	136.47	0.00023	-119.50	135.06	0.00022
-120.92	133.64	0.00021	-133.64	120.92	0.00017
-135.06	119.50	0.00017	-136.47	118.09	0.00016
-137.89	116.67	0.00016	-139.30	115.26	0.00015
-141.42	113.14	0.00015	-144.96	109.60	0.00014
-148.49	106.07	0.00013	-155.56	98.99	0.00011
-162.63	91.92	0.00010	-169.71	84.85	0.00009
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-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 ***

19:46:37
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00038	-56.57	183.85	0.00038
-63.64	176.78	0.00037	-70.71	169.71	0.00036

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00035	-84.85	155.56	0.00033
-91.92	148.49	0.00031	-98.99	141.42	0.00029
-102.53	137.89	0.00028	-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	0.00018
-127.99	112.43	0.00018	-129.40	111.02	0.00017
-130.81	109.60	0.00017	-132.23	108.19	0.00016
-134.35	106.07	0.00016	-137.89	102.53	0.00015
-141.42	98.99	0.00014	-148.49	91.92	0.00012
-155.56	84.85	0.00010	-162.63	77.78	0.00009
-169.71	70.71	0.00008	-176.78	63.64	0.00007
-183.85	56.57	0.00006	-190.92	49.50	0.00005
-42.43	183.85	0.00040	-49.50	176.78	0.00041
-56.57	169.71	0.00040	-63.64	162.63	0.00039
-70.71	155.56	0.00038	-77.78	148.49	0.00036
-84.85	141.42	0.00034	-91.92	134.35	0.00031
-95.46	130.81	0.00030	-98.99	127.28	0.00029
-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	0.00019	-122.33	103.94	0.00018
-123.74	102.53	0.00018	-125.16	101.12	0.00017
-127.28	98.99	0.00017	-130.81	95.46	0.00015
-134.35	91.92	0.00014	-141.42	84.85	0.00012
-148.49	77.78	0.00011	-155.56	70.71	0.00009
-162.63	63.64	0.00008	-169.71	56.57	0.00007
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00044	-42.43	169.71	0.00044
-49.50	162.63	0.00044	-56.57	155.56	0.00043
-63.64	148.49	0.00041	-70.71	141.42	0.00039
-77.78	134.35	0.00037	-84.85	127.28	0.00034
-88.39	123.74	0.00033	-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	0.00021
-113.84	98.29	0.00020	-115.26	96.87	0.00020
-116.67	95.46	0.00019	-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 ***

19:46:37
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

12NCRA_SR02-300_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	0.00018	-123.74	88.39	0.00016
-127.28	84.85	0.00015	-134.35	77.78	0.00013
-141.42	70.71	0.00011	-148.49	63.64	0.00010
-155.56	56.57	0.00008	-162.63	49.50	0.00007
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00047	-35.36	162.63	0.00047
-42.43	155.56	0.00047	-49.50	148.49	0.00047
-56.57	141.42	0.00045	-63.64	134.35	0.00043
-70.71	127.28	0.00041	-77.78	120.21	0.00038
-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	0.00022	-108.19	89.80	0.00021
-109.60	88.39	0.00020	-111.02	86.97	0.00020
-113.14	84.85	0.00019	-116.67	81.32	0.00017
-120.21	77.78	0.00016	-127.28	70.71	0.00014
-134.35	63.64	0.00012	-141.42	56.57	0.00010
-148.49	49.50	0.00009	-155.56	42.43	0.00007
-162.63	35.36	0.00007	-169.71	28.28	0.00006
-21.21	162.63	0.00051	-28.28	155.56	0.00051
-35.36	148.49	0.00052	-42.43	141.42	0.00051
-49.50	134.35	0.00050	-56.57	127.28	0.00048
-63.64	120.21	0.00045	-70.71	113.14	0.00042
-74.25	109.60	0.00040	-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	0.00024
-99.70	84.15	0.00024	-101.12	82.73	0.00023
-102.53	81.32	0.00022	-103.94	79.90	0.00021
-106.07	77.78	0.00020	-109.60	74.25	0.00019
-113.14	70.71	0.00017	-120.21	63.64	0.00014
-127.28	56.57	0.00012	-134.35	49.50	0.00010
-141.42	42.43	0.00009	-148.49	35.36	0.00008
-155.56	28.28	0.00007	-162.63	21.21	0.00006
-14.14	155.56	0.00055	-21.21	148.49	0.00056
-28.28	141.42	0.00056	-35.36	134.35	0.00056
-42.43	127.28	0.00055	-49.50	120.21	0.00053
-56.57	113.14	0.00050	-63.64	106.07	0.00046
-67.18	102.53	0.00044	-70.71	98.99	0.00041

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

*** NCRA Cumulative DPM Impacts

19:46:37

**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	0.00026
-92.63	77.07	0.00026	-94.05	75.66	0.00025
-95.46	74.25	0.00024	-96.87	72.83	0.00023
-98.99	70.71	0.00022	-102.53	67.18	0.00020
-106.07	63.64	0.00018	-113.14	56.57	0.00015
-120.21	49.50	0.00013	-127.28	42.43	0.00011
-134.35	35.36	0.00009	-141.42	28.28	0.00008
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00059	-14.14	141.42	0.00061
-21.21	134.35	0.00062	-28.28	127.28	0.00062
-35.36	120.21	0.00061	-42.43	113.14	0.00059
-49.50	106.07	0.00055	-56.57	98.99	0.00051
-60.10	95.46	0.00049	-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	0.00029
-85.56	70.00	0.00028	-86.97	68.59	0.00027
-88.39	67.18	0.00026	-89.80	65.76	0.00025
-91.92	63.64	0.00023	-95.46	60.10	0.00021
-98.99	56.57	0.00019	-106.07	49.50	0.00016
-113.14	42.43	0.00013	-120.21	35.36	0.00011
-127.28	28.28	0.00010	-134.35	21.21	0.00008
-141.42	14.14	0.00008	-148.49	7.07	0.00007
0.00	141.42	0.00064	-7.07	134.35	0.00066
-14.14	127.28	0.00068	-21.21	120.21	0.00068
-28.28	113.14	0.00068	-35.36	106.07	0.00065
-42.43	98.99	0.00062	-49.50	91.92	0.00057
-53.03	88.39	0.00055	-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	0.00031
-78.49	62.93	0.00030	-79.90	61.52	0.00029

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00028	-82.73	58.69	0.00027
-84.85	56.57	0.00025	-88.39	53.03	0.00023
-91.92	49.50	0.00021	-98.99	42.43	0.00017
-106.07	35.36	0.00014	-113.14	28.28	0.00012
-120.21	21.21	0.00010	-127.28	14.14	0.00009
-134.35	7.07	0.00008	-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 ***

19:46:37
 **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	0.00069	0.00	127.28	0.00072
-7.07	120.21	0.00074	-14.14	113.14	0.00075
-21.21	106.07	0.00075	-28.28	98.99	0.00073
-35.36	91.92	0.00070	-42.43	84.85	0.00065
-45.96	81.32	0.00061	-49.50	77.78	0.00058
-51.62	75.66	0.00056	-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	0.00034
-71.42	55.86	0.00033	-72.83	54.45	0.00032
-74.25	53.03	0.00030	-75.66	51.62	0.00029
-77.78	49.50	0.00027	-81.32	45.96	0.00025
-84.85	42.43	0.00022	-91.92	35.36	0.00018
-98.99	28.28	0.00015	-106.07	21.21	0.00012
-113.14	14.14	0.00010	-120.21	7.07	0.00009
-127.28	0.00	0.00009	-134.35	-7.07	0.00008
14.14	127.28	0.00075	7.07	120.21	0.00078
0.00	113.14	0.00081	-7.07	106.07	0.00084
-14.14	98.99	0.00084	-21.21	91.92	0.00083
-28.28	84.85	0.00079	-35.36	77.78	0.00073
-38.89	74.25	0.00070	-42.43	70.71	0.00066
-44.55	68.59	0.00063	-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	0.00038
-64.35	48.79	0.00036	-65.76	47.38	0.00035
-67.18	45.96	0.00033	-68.59	44.55	0.00032
-70.71	42.43	0.00030	-74.25	38.89	0.00026
-77.78	35.36	0.00024	-84.85	28.28	0.00019
-91.92	21.21	0.00015	-98.99	14.14	0.00013

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00011	-113.14	0.00	0.00010
-120.21	-7.07	0.00009	-127.28	-14.14	0.00009
21.21	120.21	0.00081	14.14	113.14	0.00085
7.07	106.07	0.00090	0.00	98.99	0.00093
-7.07	91.92	0.00094	-14.14	84.85	0.00094
-21.21	77.78	0.00090	-28.28	70.71	0.00084
-31.82	67.18	0.00080	-35.36	63.64	0.00075
-37.48	61.52	0.00072	-38.89	60.10	0.00070
-40.31	58.69	0.00068	-41.72	57.28	0.00065
-43.13	55.86	0.00063	-55.86	43.13	0.00042
-57.28	41.72	0.00040	-58.69	40.31	0.00038
-60.10	38.89	0.00036	-61.52	37.48	0.00034

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

19:46:37

**MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00032	-67.18	31.82	0.00028
-70.71	28.28	0.00025	-77.78	21.21	0.00020
-84.85	14.14	0.00016	-91.92	7.07	0.00013
-98.99	0.00	0.00012	-106.07	-7.07	0.00011
-113.14	-14.14	0.00010	-120.21	-21.21	0.00010
28.28	113.14	0.00087	21.21	106.07	0.00093
14.14	98.99	0.00099	7.07	91.92	0.00103
0.00	84.85	0.00106	-7.07	77.78	0.00107
-14.14	70.71	0.00104	-21.21	63.64	0.00097
-24.75	60.10	0.00092	-28.28	56.57	0.00087
-30.41	54.45	0.00083	-31.82	53.03	0.00080
-33.23	51.62	0.00078	-34.65	50.20	0.00075
-36.06	48.79	0.00072	-48.79	36.06	0.00047
-50.20	34.65	0.00044	-51.62	33.23	0.00042
-53.03	31.82	0.00040	-54.45	30.41	0.00038
-56.57	28.28	0.00035	-60.10	24.75	0.00031
-63.64	21.21	0.00027	-70.71	14.14	0.00021
-77.78	7.07	0.00017	-84.85	0.00	0.00014
-91.92	-7.07	0.00013	-98.99	-14.14	0.00012
-106.07	-21.21	0.00011	-113.14	-28.28	0.00011
35.36	106.07	0.00094	28.28	98.99	0.00101
21.21	91.92	0.00109	14.14	84.85	0.00115

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00120	0.00	70.71	0.00122
-7.07	63.64	0.00120	-14.14	56.57	0.00113
-17.68	53.03	0.00107	-21.21	49.50	0.00101
-23.33	47.38	0.00097	-24.75	45.96	0.00094
-26.16	44.55	0.00090	-27.58	43.13	0.00087
-28.99	41.72	0.00083	-41.72	28.99	0.00052
-43.13	27.58	0.00049	-44.55	26.16	0.00046
-45.96	24.75	0.00044	-47.38	23.33	0.00041
-49.50	21.21	0.00038	-53.03	17.68	0.00033
-56.57	14.14	0.00029	-63.64	7.07	0.00022
-70.71	0.00	0.00018	-77.78	-7.07	0.00015
-84.85	-14.14	0.00014	-91.92	-21.21	0.00013
-98.99	-28.28	0.00012	-106.07	-35.36	0.00012
42.43	98.99	0.00101	35.36	91.92	0.00110
28.28	84.85	0.00119	21.21	77.78	0.00128
14.14	70.71	0.00135	7.07	63.64	0.00140
0.00	56.57	0.00139	-7.07	49.50	0.00133
-10.61	45.96	0.00127	-14.14	42.43	0.00119

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_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	0.00114	-17.68	38.89	0.00110
-19.09	37.48	0.00106	-20.51	36.06	0.00102
-21.92	34.65	0.00098	-34.65	21.92	0.00058
-36.06	20.51	0.00055	-37.48	19.09	0.00051
-38.89	17.68	0.00048	-40.31	16.26	0.00045
-42.43	14.14	0.00042	-45.96	10.61	0.00036
-49.50	7.07	0.00031	-56.57	0.00	0.00023
-63.64	-7.07	0.00019	-70.71	-14.14	0.00017
-77.78	-21.21	0.00015	-84.85	-28.28	0.00014
-91.92	-35.36	0.00013	-98.99	-42.43	0.00013
49.50	91.92	0.00108	42.43	84.85	0.00119
35.36	77.78	0.00131	28.28	70.71	0.00142
21.21	63.64	0.00153	14.14	56.57	0.00160
7.07	49.50	0.00163	0.00	42.43	0.00158
-3.54	38.89	0.00151	-7.07	35.36	0.00143
-9.19	33.23	0.00136	-10.61	31.82	0.00132

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00127	-13.44	28.99	0.00121
-14.85	27.58	0.00116	-27.58	14.85	0.00066
-28.99	13.44	0.00061	-30.41	12.02	0.00057
-31.82	10.61	0.00054	-33.23	9.19	0.00050
-35.36	7.07	0.00045	-38.89	3.54	0.00038
-42.43	0.00	0.00033	-49.50	-7.07	0.00025
-56.57	-14.14	0.00021	-63.64	-21.21	0.00019
-70.71	-28.28	0.00017	-77.78	-35.36	0.00016
-84.85	-42.43	0.00015	-91.92	-49.50	0.00014
56.57	84.85	0.00115	49.50	77.78	0.00128
42.43	70.71	0.00143	35.36	63.64	0.00158
28.28	56.57	0.00172	21.21	49.50	0.00185
14.14	42.43	0.00191	7.07	35.36	0.00189
3.54	31.82	0.00183	0.00	28.28	0.00173
-2.12	26.16	0.00166	-3.54	24.75	0.00160
-4.95	23.33	0.00154	-6.36	21.92	0.00147
-7.78	20.51	0.00140	-20.51	7.78	0.00075
-21.92	6.36	0.00069	-23.33	4.95	0.00064
-24.75	3.54	0.00059	-26.16	2.12	0.00055
-28.28	0.00	0.00049	-31.82	-3.54	0.00041
-35.36	-7.07	0.00035	-42.43	-14.14	0.00027
-49.50	-21.21	0.00023	-56.57	-28.28	0.00021
-63.64	-35.36	0.00019	-70.71	-42.43	0.00017
-77.78	-49.50	0.00016	-84.85	-56.57	0.00015

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

19:46:37
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00120	56.57	70.71	0.00137
49.50	63.64	0.00154	42.43	56.57	0.00174
35.36	49.50	0.00194	28.28	42.43	0.00212
21.21	35.36	0.00226	14.14	28.28	0.00228
10.61	24.75	0.00224	7.07	21.21	0.00213
4.95	19.09	0.00205	3.54	17.68	0.00198
2.12	16.26	0.00190	0.71	14.85	0.00181
-0.71	13.44	0.00172	-13.44	0.71	0.00085
-14.85	-0.71	0.00078	-16.26	-2.12	0.00071
-17.68	-3.54	0.00065	-19.09	-4.95	0.00060

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00053	-24.75	-10.61	0.00044
-28.28	-14.14	0.00037	-35.36	-21.21	0.00030
-42.43	-28.28	0.00026	-49.50	-35.36	0.00023
-56.57	-42.43	0.00021	-63.64	-49.50	0.00019
-70.71	-56.57	0.00017	-77.78	-63.64	0.00016
70.71	70.71	0.00125	63.64	63.64	0.00144
56.57	56.57	0.00165	49.50	49.50	0.00190
42.43	42.43	0.00216	35.36	35.36	0.00243
28.28	28.28	0.00266	21.21	21.21	0.00278
17.68	17.68	0.00276	14.14	14.14	0.00267
12.02	12.02	0.00258	10.61	10.61	0.00249
9.19	9.19	0.00240	7.78	7.78	0.00229
6.36	6.36	0.00217	-6.36	-6.36	0.00096
-7.78	-7.78	0.00087	-9.19	-9.19	0.00079
-10.61	-10.61	0.00072	-12.02	-12.02	0.00065
-14.14	-14.14	0.00057	-17.68	-17.68	0.00047
-21.21	-21.21	0.00041	-28.28	-28.28	0.00033
-35.36	-35.36	0.00029	-42.43	-42.43	0.00026
-49.50	-49.50	0.00023	-56.57	-56.57	0.00021
-63.64	-63.64	0.00018	-70.71	-70.71	0.00017
77.78	63.64	0.00129	70.71	56.57	0.00150
63.64	49.50	0.00175	56.57	42.43	0.00204
49.50	35.36	0.00237	42.43	28.28	0.00274
35.36	21.21	0.00311	28.28	14.14	0.00338
24.75	10.61	0.00343	21.21	7.07	0.00338
19.09	4.95	0.00330	17.68	3.54	0.00321
16.26	2.12	0.00310	14.85	0.71	0.00296
13.44	-0.71	0.00280	0.71	-13.44	0.00108
-0.71	-14.85	0.00096	-2.12	-16.26	0.00086
-3.54	-17.68	0.00077	-4.95	-19.09	0.00070

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

19:46:37
 **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	0.00062	-10.61	-24.75	0.00052
-14.14	-28.28	0.00045	-21.21	-35.36	0.00037
-28.28	-42.43	0.00032	-35.36	-49.50	0.00028
-42.43	-56.57	0.00025	-49.50	-63.64	0.00022

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00020	-63.64	-77.78	0.00018
84.85	56.57	0.00133	77.78	49.50	0.00155
70.71	42.43	0.00182	63.64	35.36	0.00216
56.57	28.28	0.00256	49.50	21.21	0.00303
42.43	14.14	0.00357	35.36	7.07	0.00407
31.82	3.54	0.00424	28.28	0.00	0.00431
26.16	-2.12	0.00427	24.75	-3.54	0.00420
23.33	-4.95	0.00409	21.92	-6.36	0.00393
20.51	-7.78	0.00373	7.78	-20.51	0.00120
6.36	-21.92	0.00105	4.95	-23.33	0.00093
3.54	-24.75	0.00083	2.12	-26.16	0.00076
0.00	-28.28	0.00067	-3.54	-31.82	0.00057
-7.07	-35.36	0.00050	-14.14	-42.43	0.00042
-21.21	-49.50	0.00036	-28.28	-56.57	0.00032
-35.36	-63.64	0.00028	-42.43	-70.71	0.00024
-49.50	-77.78	0.00022	-56.57	-84.85	0.00019
91.92	49.50	0.00135	84.85	42.43	0.00159
77.78	35.36	0.00188	70.71	28.28	0.00225
63.64	21.21	0.00271	56.57	14.14	0.00328
49.50	7.07	0.00397	42.43	0.00	0.00474
38.89	-3.54	0.00513	35.36	-7.07	0.00542
33.23	-9.19	0.00552	31.82	-10.61	0.00553
30.41	-12.02	0.00547	28.99	-13.44	0.00535
27.58	-14.85	0.00513	14.85	-27.58	0.00130
13.44	-28.99	0.00113	12.02	-30.41	0.00100
10.61	-31.82	0.00091	9.19	-33.23	0.00083
7.07	-35.36	0.00074	3.54	-38.89	0.00063
0.00	-42.43	0.00056	-7.07	-49.50	0.00047
-14.14	-56.57	0.00040	-21.21	-63.64	0.00035
-28.28	-70.71	0.00031	-35.36	-77.78	0.00027
-42.43	-84.85	0.00024	-49.50	-91.92	0.00021
98.99	42.43	0.00136	91.92	35.36	0.00161
84.85	28.28	0.00193	77.78	21.21	0.00233
70.71	14.14	0.00284	63.64	7.07	0.00349
56.57	0.00	0.00431	49.50	-7.07	0.00532
45.96	-10.61	0.00589	42.43	-14.14	0.00645

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

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

19:46:37

**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 ***

12NCRA_SR02-300_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	0.00675	38.89	-17.68	0.00693
37.48	-19.09	0.00709	36.06	-20.51	0.00719
34.65	-21.92	0.00718	21.92	-34.65	0.00141
20.51	-36.06	0.00123	19.09	-37.48	0.00110
17.68	-38.89	0.00100	16.26	-40.31	0.00091
14.14	-42.43	0.00082	10.61	-45.96	0.00071
7.07	-49.50	0.00063	0.00	-56.57	0.00053
-7.07	-63.64	0.00046	-14.14	-70.71	0.00040
-21.21	-77.78	0.00034	-28.28	-84.85	0.00030
-35.36	-91.92	0.00026	-42.43	-98.99	0.00023
106.07	35.36	0.00137	98.99	28.28	0.00163
91.92	21.21	0.00196	84.85	14.14	0.00239
77.78	7.07	0.00294	70.71	0.00	0.00366
63.64	-7.07	0.00460	56.57	-14.14	0.00581
53.03	-17.68	0.00652	49.50	-21.21	0.00727
47.38	-23.33	0.00772	45.96	-24.75	0.00801
44.55	-26.16	0.00829	43.13	-27.58	0.00861
41.72	-28.99	0.00892	28.99	-41.72	0.00163
27.58	-43.13	0.00140	26.16	-44.55	0.00123
24.75	-45.96	0.00111	23.33	-47.38	0.00102
21.21	-49.50	0.00091	17.68	-53.03	0.00079
14.14	-56.57	0.00071	7.07	-63.64	0.00060
0.00	-70.71	0.00051	-7.07	-77.78	0.00044
-14.14	-84.85	0.00037	-21.21	-91.92	0.00032
-28.28	-98.99	0.00028	-35.36	-106.07	0.00024
113.14	28.28	0.00137	106.07	21.21	0.00163
98.99	14.14	0.00197	91.92	7.07	0.00241
84.85	0.00	0.00299	77.78	-7.07	0.00375
70.71	-14.14	0.00476	63.64	-21.21	0.00607
60.10	-24.75	0.00685	56.57	-28.28	0.00770
54.45	-30.41	0.00820	53.03	-31.82	0.00853
51.62	-33.23	0.00886	50.20	-34.65	0.00919
48.79	-36.06	0.00957	36.06	-48.79	0.00206
34.65	-50.20	0.00174	33.23	-51.62	0.00151
31.82	-53.03	0.00134	30.41	-54.45	0.00121
28.28	-56.57	0.00106	24.75	-60.10	0.00090
21.21	-63.64	0.00080	14.14	-70.71	0.00065
7.07	-77.78	0.00055	0.00	-84.85	0.00046
-7.07	-91.92	0.00039	-14.14	-98.99	0.00034
-21.21	-106.07	0.00029	-28.28	-113.14	0.00025

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

*** NCRA Cumulative DPM Impacts

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

19:46:37
 **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	0.00135	113.14	14.14	0.00161	
106.07	7.07	0.00194	98.99	0.00	0.00238	
91.92	-7.07	0.00296	84.85	-14.14	0.00372	
77.78	-21.21	0.00476	70.71	-28.28	0.00612	
67.18	-31.82	0.00693	63.64	-35.36	0.00783	
61.52	-37.48	0.00839	60.10	-38.89	0.00877	
58.69	-40.31	0.00913	57.28	-41.72	0.00950	
55.86	-43.13	0.00993	43.13	-55.86	0.00249	
41.72	-57.28	0.00211	40.31	-58.69	0.00184	
38.89	-60.10	0.00164	37.48	-61.52	0.00148	
35.36	-63.64	0.00130	31.82	-67.18	0.00109	
28.28	-70.71	0.00094	21.21	-77.78	0.00074	
14.14	-84.85	0.00060	7.07	-91.92	0.00049	
0.00	-98.99	0.00041	-7.07	-106.07	0.00035	
-14.14	-113.14	0.00030	-21.21	-120.21	0.00026	
127.28	14.14	0.00132	120.21	7.07	0.00157	
113.14	0.00	0.00188	106.07	-7.07	0.00230	
98.99	-14.14	0.00286	91.92	-21.21	0.00360	
84.85	-28.28	0.00461	77.78	-35.36	0.00599	
74.25	-38.89	0.00684	70.71	-42.43	0.00778	
68.59	-44.55	0.00838	67.18	-45.96	0.00879	
65.76	-47.38	0.00920	64.35	-48.79	0.00961	
62.93	-50.20	0.01006	50.20	-62.93	0.00287	
48.79	-64.35	0.00246	47.38	-65.76	0.00216	
45.96	-67.18	0.00193	44.55	-68.59	0.00175	
42.43	-70.71	0.00154	38.89	-74.25	0.00130	
35.36	-77.78	0.00111	28.28	-84.85	0.00085	
21.21	-91.92	0.00067	14.14	-98.99	0.00053	
7.07	-106.07	0.00044	0.00	-113.14	0.00037	
-7.07	-120.21	0.00031	-14.14	-127.28	0.00027	
134.35	7.07	0.00128	127.28	0.00	0.00151	
120.21	-7.07	0.00180	113.14	-14.14	0.00219	
106.07	-21.21	0.00270	98.99	-28.28	0.00340	
91.92	-35.36	0.00436	84.85	-42.43	0.00570	
81.32	-45.96	0.00655	77.78	-49.50	0.00752	
75.66	-51.62	0.00815	74.25	-53.03	0.00858	

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00903	71.42	-55.86	0.00948
70.00	-57.28	0.00996	57.28	-70.00	0.00316
55.86	-71.42	0.00275	54.45	-72.83	0.00243
53.03	-74.25	0.00219	51.62	-75.66	0.00199

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_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	0.00176	45.96	-81.32	0.00148
42.43	-84.85	0.00128	35.36	-91.92	0.00096
28.28	-98.99	0.00074	21.21	-106.07	0.00059
14.14	-113.14	0.00047	7.07	-120.21	0.00039
0.00	-127.28	0.00033	-7.07	-134.35	0.00028
141.42	0.00	0.00123	134.35	-7.07	0.00144
127.28	-14.14	0.00171	120.21	-21.21	0.00206
113.14	-28.28	0.00251	106.07	-35.36	0.00313
98.99	-42.43	0.00400	91.92	-49.50	0.00524
88.39	-53.03	0.00605	84.85	-56.57	0.00701
82.73	-58.69	0.00765	81.32	-60.10	0.00810
79.90	-61.52	0.00857	78.49	-62.93	0.00905
77.07	-64.35	0.00957	64.35	-77.07	0.00337
62.93	-78.49	0.00297	61.52	-79.90	0.00266
60.10	-81.32	0.00241	58.69	-82.73	0.00221
56.57	-84.85	0.00196	53.03	-88.39	0.00164
49.50	-91.92	0.00140	42.43	-98.99	0.00106
35.36	-106.07	0.00082	28.28	-113.14	0.00064
21.21	-120.21	0.00051	14.14	-127.28	0.00042
7.07	-134.35	0.00035	0.00	-141.42	0.00029
148.49	-7.07	0.00117	141.42	-14.14	0.00137
134.35	-21.21	0.00161	127.28	-28.28	0.00192
120.21	-35.36	0.00232	113.14	-42.43	0.00285
106.07	-49.50	0.00358	98.99	-56.57	0.00463
95.46	-60.10	0.00534	91.92	-63.64	0.00622
89.80	-65.76	0.00683	88.39	-67.18	0.00727
86.97	-68.59	0.00774	85.56	-70.00	0.00825
84.15	-71.42	0.00882	71.42	-84.15	0.00352
70.00	-85.56	0.00313	68.59	-86.97	0.00284
67.18	-88.39	0.00259	65.76	-89.80	0.00238

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00211	60.10	-95.46	0.00176
56.57	-98.99	0.00151	49.50	-106.07	0.00114
42.43	-113.14	0.00089	35.36	-120.21	0.00069
28.28	-127.28	0.00055	21.21	-134.35	0.00045
14.14	-141.42	0.00037	7.07	-148.49	0.00030
155.56	-14.14	0.00111	148.49	-21.21	0.00128
141.42	-28.28	0.00150	134.35	-35.36	0.00177
127.28	-42.43	0.00212	120.21	-49.50	0.00256
113.14	-56.57	0.00316	106.07	-63.64	0.00397
102.53	-67.18	0.00450	98.99	-70.71	0.00517

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

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

19:46:37
 **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	0.00566	95.46	-74.25	0.00603
94.05	-75.66	0.00646	92.63	-77.07	0.00695
91.22	-78.49	0.00754	78.49	-91.22	0.00361
77.07	-92.63	0.00325	75.66	-94.05	0.00295
74.25	-95.46	0.00271	72.83	-96.87	0.00249
70.71	-98.99	0.00221	67.18	-102.53	0.00186
63.64	-106.07	0.00159	56.57	-113.14	0.00120
49.50	-120.21	0.00094	42.43	-127.28	0.00073
35.36	-134.35	0.00058	28.28	-141.42	0.00047
21.21	-148.49	0.00038	14.14	-155.56	0.00032
162.63	-21.21	0.00103	155.56	-28.28	0.00119
148.49	-35.36	0.00138	141.42	-42.43	0.00161
134.35	-49.50	0.00191	127.28	-56.57	0.00228
120.21	-63.64	0.00275	113.14	-70.71	0.00335
109.60	-74.25	0.00372	106.07	-77.78	0.00414
103.94	-79.90	0.00442	102.53	-81.32	0.00464
101.12	-82.73	0.00488	99.70	-84.15	0.00518
98.29	-85.56	0.00558	85.56	-98.29	0.00364
84.15	-99.70	0.00329	82.73	-101.12	0.00300
81.32	-102.53	0.00276	79.90	-103.94	0.00255
77.78	-106.07	0.00228	74.25	-109.60	0.00192
70.71	-113.14	0.00163	63.64	-120.21	0.00123
56.57	-127.28	0.00096	49.50	-134.35	0.00076
42.43	-141.42	0.00060	35.36	-148.49	0.00049

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00040	21.21	-162.63	0.00033
169.71	-28.28	0.00095	162.63	-35.36	0.00109
155.56	-42.43	0.00125	148.49	-49.50	0.00144
141.42	-56.57	0.00168	134.35	-63.64	0.00197
127.28	-70.71	0.00233	120.21	-77.78	0.00275
116.67	-81.32	0.00298	113.14	-84.85	0.00323
111.02	-86.97	0.00338	109.60	-88.39	0.00349
108.19	-89.80	0.00361	106.77	-91.22	0.00373
105.36	-92.63	0.00388	92.63	-105.36	0.00352
91.22	-106.77	0.00323	89.80	-108.19	0.00297
88.39	-109.60	0.00275	86.97	-111.02	0.00255
84.85	-113.14	0.00230	81.32	-116.67	0.00194
77.78	-120.21	0.00166	70.71	-127.28	0.00125
63.64	-134.35	0.00098	56.57	-141.42	0.00077
49.50	-148.49	0.00062	42.43	-155.56	0.00050
35.36	-162.63	0.00041	28.28	-169.71	0.00034

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	0.00087	169.71	-42.43	0.00098
162.63	-49.50	0.00112	155.56	-56.57	0.00128
148.49	-63.64	0.00147	141.42	-70.71	0.00170
134.35	-77.78	0.00197	127.28	-84.85	0.00229
123.74	-88.39	0.00246	120.21	-91.92	0.00264
118.09	-94.05	0.00276	116.67	-95.46	0.00284
115.26	-96.87	0.00293	113.84	-98.29	0.00302
112.43	-99.70	0.00310	99.70	-112.43	0.00311
98.29	-113.84	0.00294	96.87	-115.26	0.00277
95.46	-116.67	0.00260	94.05	-118.09	0.00244
91.92	-120.21	0.00223	88.39	-123.74	0.00192
84.85	-127.28	0.00166	77.78	-134.35	0.00127
70.71	-141.42	0.00099	63.64	-148.49	0.00079
56.57	-155.56	0.00064	49.50	-162.63	0.00052
42.43	-169.71	0.00043	35.36	-176.78	0.00036
183.85	-42.43	0.00079	176.78	-49.50	0.00089
169.71	-56.57	0.00100	162.63	-63.64	0.00114
155.56	-70.71	0.00130	148.49	-77.78	0.00149

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00171	134.35	-91.92	0.00196
130.81	-95.46	0.00210	127.28	-98.99	0.00224
125.16	-101.12	0.00233	123.74	-102.53	0.00239
122.33	-103.94	0.00244	120.92	-105.36	0.00250
119.50	-106.77	0.00255	106.77	-119.50	0.00268
105.36	-120.92	0.00258	103.94	-122.33	0.00246
102.53	-123.74	0.00234	101.12	-125.16	0.00222
98.99	-127.28	0.00205	95.46	-130.81	0.00180
91.92	-134.35	0.00159	84.85	-141.42	0.00124
77.78	-148.49	0.00099	70.71	-155.56	0.00080
63.64	-162.63	0.00065	56.57	-169.71	0.00054
49.50	-176.78	0.00045	42.43	-183.85	0.00037
190.92	-49.50	0.00072	183.85	-56.57	0.00081
176.78	-63.64	0.00091	169.71	-70.71	0.00102
162.63	-77.78	0.00115	155.56	-84.85	0.00131
148.49	-91.92	0.00150	141.42	-98.99	0.00170
137.89	-102.53	0.00180	134.35	-106.07	0.00191
132.23	-108.19	0.00197	130.81	-109.60	0.00201
129.40	-111.02	0.00204	127.99	-112.43	0.00208
126.57	-113.84	0.00212	113.84	-126.57	0.00228
112.43	-127.99	0.00222	111.02	-129.40	0.00215
109.60	-130.81	0.00207	108.19	-132.23	0.00198

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

19:46:37

**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	0.00185	102.53	-137.89	0.00164
98.99	-141.42	0.00147	91.92	-148.49	0.00117
84.85	-155.56	0.00095	77.78	-162.63	0.00078
70.71	-169.71	0.00065	63.64	-176.78	0.00054
56.57	-183.85	0.00046	49.50	-190.92	0.00038
197.99	-56.57	0.00066	190.92	-63.64	0.00074
183.85	-70.71	0.00082	176.78	-77.78	0.00092
169.71	-84.85	0.00104	162.63	-91.92	0.00117
155.56	-98.99	0.00132	148.49	-106.07	0.00148
144.96	-109.60	0.00155	141.42	-113.14	0.00163
139.30	-115.26	0.00167	137.89	-116.67	0.00169
136.47	-118.09	0.00172	135.06	-119.50	0.00175

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00178	120.92	-133.64	0.00193
119.50	-135.06	0.00190	118.09	-136.47	0.00186
116.67	-137.89	0.00181	115.26	-139.30	0.00175
113.14	-141.42	0.00165	109.60	-144.96	0.00149
106.07	-148.49	0.00134	98.99	-155.56	0.00109
91.92	-162.63	0.00090	84.85	-169.71	0.00075
77.78	-176.78	0.00063	70.71	-183.85	0.00054
63.64	-190.92	0.00046	56.57	-197.99	0.00039
205.06	-63.64	0.00061	197.99	-70.71	0.00068
190.92	-77.78	0.00075	183.85	-84.85	0.00084
176.78	-91.92	0.00093	169.71	-98.99	0.00104
162.63	-106.07	0.00116	155.56	-113.14	0.00128
152.03	-116.67	0.00134	148.49	-120.21	0.00139
146.37	-122.33	0.00142	144.96	-123.74	0.00144
143.54	-125.16	0.00146	142.13	-126.57	0.00148
140.71	-127.99	0.00150	127.99	-140.71	0.00163
126.57	-142.13	0.00162	125.16	-143.54	0.00159
123.74	-144.96	0.00156	122.33	-146.37	0.00153
120.21	-148.49	0.00146	116.67	-152.03	0.00134
113.14	-155.56	0.00122	106.07	-162.63	0.00100
98.99	-169.71	0.00084	91.92	-176.78	0.00071
84.85	-183.85	0.00061	77.78	-190.92	0.00052
70.71	-197.99	0.00045	63.64	-205.06	0.00039
212.13	-70.71	0.00057	205.06	-77.78	0.00062
197.99	-84.85	0.00069	190.92	-91.92	0.00076
183.85	-98.99	0.00084	176.78	-106.07	0.00093
169.71	-113.14	0.00103	162.63	-120.21	0.00112
159.10	-123.74	0.00116	155.56	-127.28	0.00120

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
153.44	-129.40	0.00122	152.03	-130.81	0.00123
150.61	-132.23	0.00125	149.20	-133.64	0.00127
147.79	-135.06	0.00129	135.06	-147.79	0.00139
133.64	-149.20	0.00138	132.23	-150.61	0.00137
130.81	-152.03	0.00135	129.40	-153.44	0.00133
127.28	-155.56	0.00129	123.74	-159.10	0.00120

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00110	113.14	-169.71	0.00092
106.07	-176.78	0.00077	98.99	-183.85	0.00066
91.92	-190.92	0.00057	84.85	-197.99	0.00050
77.78	-205.06	0.00044	70.71	-212.13	0.00038
219.20	-77.78	0.00053	212.13	-84.85	0.00058
205.06	-91.92	0.00063	197.99	-98.99	0.00069
190.92	-106.07	0.00076	183.85	-113.14	0.00084
176.78	-120.21	0.00091	169.71	-127.28	0.00098
166.17	-130.81	0.00101	162.63	-134.35	0.00104
160.51	-136.47	0.00105	159.10	-137.89	0.00107
157.68	-139.30	0.00108	156.27	-140.71	0.00110
154.86	-142.13	0.00111	142.13	-154.86	0.00120
140.71	-156.27	0.00119	139.30	-157.68	0.00119
137.89	-159.10	0.00118	136.47	-160.51	0.00116
134.35	-162.63	0.00113	130.81	-166.17	0.00107
127.28	-169.71	0.00100	120.21	-176.78	0.00085
113.14	-183.85	0.00072	106.07	-190.92	0.00062
98.99	-197.99	0.00054	91.92	-205.06	0.00047
84.85	-212.13	0.00042	77.78	-219.20	0.00037
226.27	-84.85	0.00049	219.20	-91.92	0.00053
212.13	-98.99	0.00058	205.06	-106.07	0.00063
197.99	-113.14	0.00069	190.92	-120.21	0.00075
183.85	-127.28	0.00081	176.78	-134.35	0.00086
173.24	-137.89	0.00088	169.71	-141.42	0.00091
167.58	-143.54	0.00092	166.17	-144.96	0.00093
164.76	-146.37	0.00094	163.34	-147.79	0.00095
161.93	-149.20	0.00097	149.20	-161.93	0.00104
147.79	-163.34	0.00104	146.37	-164.76	0.00103
144.96	-166.17	0.00103	143.54	-167.58	0.00102
141.42	-169.71	0.00100	137.89	-173.24	0.00096
134.35	-176.78	0.00090	127.28	-183.85	0.00078
120.21	-190.92	0.00067	113.14	-197.99	0.00057
106.07	-205.06	0.00050	98.99	-212.13	0.00045
91.92	-219.20	0.00040	84.85	-226.27	0.00035

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_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

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00045	226.27	-98.99	0.00049
219.20	-106.07	0.00054	212.13	-113.14	0.00058
205.06	-120.21	0.00063	197.99	-127.28	0.00068
190.92	-134.35	0.00072	183.85	-141.42	0.00076
180.31	-144.96	0.00078	176.78	-148.49	0.00080
174.66	-150.61	0.00081	173.24	-152.03	0.00082
171.83	-153.44	0.00083	170.41	-154.86	0.00084
169.00	-156.27	0.00085	156.27	-169.00	0.00091
154.86	-170.41	0.00091	153.44	-171.83	0.00091
152.03	-173.24	0.00090	150.61	-174.66	0.00090
148.49	-176.78	0.00088	144.96	-180.31	0.00085
141.42	-183.85	0.00081	134.35	-190.92	0.00072
127.28	-197.99	0.00062	120.21	-205.06	0.00054
113.14	-212.13	0.00047	106.07	-219.20	0.00042
98.99	-226.27	0.00038	91.92	-233.35	0.00034
240.42	-98.99	0.00042	233.35	-106.07	0.00046
226.27	-113.14	0.00049	219.20	-120.21	0.00053
212.13	-127.28	0.00058	205.06	-134.35	0.00061
197.99	-141.42	0.00065	190.92	-148.49	0.00068
187.38	-152.03	0.00069	183.85	-155.56	0.00071
181.73	-157.68	0.00072	180.31	-159.10	0.00073
178.90	-160.51	0.00074	177.48	-161.93	0.00074
176.07	-163.34	0.00075	163.34	-176.07	0.00080
161.93	-177.48	0.00080	160.51	-178.90	0.00080
159.10	-180.31	0.00080	157.68	-181.73	0.00079
155.56	-183.85	0.00079	152.03	-187.38	0.00077
148.49	-190.92	0.00074	141.42	-197.99	0.00066
134.35	-205.06	0.00058	127.28	-212.13	0.00050
120.21	-219.20	0.00044	113.14	-226.27	0.00039
106.07	-233.35	0.00035	98.99	-240.42	0.00032
247.49	-106.07	0.00039	240.42	-113.14	0.00042
233.35	-120.21	0.00046	226.27	-127.28	0.00049
219.20	-134.35	0.00053	212.13	-141.42	0.00056
205.06	-148.49	0.00058	197.99	-155.56	0.00061
194.45	-159.10	0.00062	190.92	-162.63	0.00063
188.80	-164.76	0.00064	187.38	-166.17	0.00065
185.97	-167.58	0.00066	184.55	-169.00	0.00066
183.14	-170.41	0.00067	170.41	-183.14	0.00071
169.00	-184.55	0.00071	167.58	-185.97	0.00071
166.17	-187.38	0.00071	164.76	-188.80	0.00071

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_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	0.00070	159.10	-194.45	0.00069	
155.56	-197.99	0.00067	148.49	-205.06	0.00061	
141.42	-212.13	0.00054	134.35	-219.20	0.00047	
127.28	-226.27	0.00042	120.21	-233.35	0.00037	
113.14	-240.42	0.00033	106.07	-247.49	0.00030	

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:46:37
 **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	0.00040	-113.14	240.42	0.00041	
-120.21	233.35	0.00040	-127.28	226.27	0.00039	
-134.35	219.20	0.00038	-141.42	212.13	0.00036	
-148.49	205.06	0.00034	-155.56	197.99	0.00031	
-159.10	194.45	0.00030	-162.63	190.92	0.00029	
-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	0.00019	-185.97	167.58	0.00018	
-187.38	166.17	0.00018	-188.80	164.76	0.00017	
-190.92	162.63	0.00017	-194.45	159.10	0.00015	
-197.99	155.56	0.00014	-205.06	148.49	0.00012	
-212.13	141.42	0.00011	-219.20	134.35	0.00009	
-226.27	127.28	0.00008	-233.35	120.21	0.00007	
-240.42	113.14	0.00006	-247.49	106.07	0.00006	
-98.99	240.42	0.00044	-106.07	233.35	0.00044	
-113.14	226.27	0.00044	-120.21	219.20	0.00043	
-127.28	212.13	0.00041	-134.35	205.06	0.00039	
-141.42	197.99	0.00037	-148.49	190.92	0.00034	
-152.03	187.38	0.00033	-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	0.00021	

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00020	-178.90	160.51	0.00020
-180.31	159.10	0.00019	-181.73	157.68	0.00019
-183.85	155.56	0.00018	-187.38	152.03	0.00016
-190.92	148.49	0.00015	-197.99	141.42	0.00013
-205.06	134.35	0.00011	-212.13	127.28	0.00010
-219.20	120.21	0.00008	-226.27	113.14	0.00007
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00047	-98.99	226.27	0.00047
-106.07	219.20	0.00047	-113.14	212.13	0.00047
-120.21	205.06	0.00045	-127.28	197.99	0.00043
-134.35	190.92	0.00041	-141.42	183.85	0.00038
-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	0.00022	-171.83	153.44	0.00021
-173.24	152.03	0.00020	-174.66	150.61	0.00020

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

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

19:46:37

**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	0.00019	-180.31	144.96	0.00017
-183.85	141.42	0.00016	-190.92	134.35	0.00014
-197.99	127.28	0.00012	-205.06	120.21	0.00010
-212.13	113.14	0.00009	-219.20	106.07	0.00007
-226.27	99.00	0.00007	-233.35	91.92	0.00006
-84.85	226.27	0.00051	-91.92	219.20	0.00051
-98.99	212.13	0.00052	-106.07	205.06	0.00051
-113.14	197.99	0.00050	-120.21	190.92	0.00048
-127.28	183.85	0.00045	-134.35	176.78	0.00042
-137.89	173.24	0.00040	-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	0.00024
-163.34	147.79	0.00024	-164.76	146.37	0.00023
-166.17	144.96	0.00022	-167.58	143.54	0.00021
-169.71	141.42	0.00020	-173.24	137.89	0.00019
-176.78	134.35	0.00017	-183.85	127.28	0.00014

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00012	-197.99	113.14	0.00010
-205.06	106.07	0.00009	-212.13	99.00	0.00008
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00055	-84.85	212.13	0.00056
-91.92	205.06	0.00056	-98.99	197.99	0.00056
-106.07	190.92	0.00055	-113.14	183.85	0.00053
-120.21	176.78	0.00050	-127.28	169.71	0.00046
-130.81	166.17	0.00044	-134.35	162.63	0.00041
-136.47	160.51	0.00040	-137.89	159.10	0.00039
-139.30	157.68	0.00038	-140.71	156.27	0.00037
-142.13	154.86	0.00036	-154.86	142.13	0.00026
-156.27	140.71	0.00026	-157.68	139.30	0.00025
-159.10	137.89	0.00024	-160.51	136.47	0.00023
-162.63	134.35	0.00022	-166.17	130.81	0.00020
-169.71	127.28	0.00018	-176.78	120.21	0.00015
-183.85	113.14	0.00013	-190.92	106.07	0.00011
-197.99	99.00	0.00009	-205.06	91.92	0.00008
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00059	-77.78	205.06	0.00061
-84.85	197.99	0.00062	-91.92	190.92	0.00062
-98.99	183.85	0.00061	-106.07	176.78	0.00059
-113.14	169.71	0.00055	-120.21	162.63	0.00051
-123.74	159.10	0.00049	-127.28	155.56	0.00046

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

19:46:37
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00044	-130.81	152.03	0.00043
-132.23	150.61	0.00042	-133.64	149.20	0.00041
-135.06	147.79	0.00040	-147.79	135.06	0.00029
-149.20	133.64	0.00028	-150.61	132.23	0.00027
-152.03	130.81	0.00026	-153.44	129.40	0.00025
-155.56	127.28	0.00023	-159.10	123.74	0.00021
-162.63	120.21	0.00019	-169.71	113.14	0.00016
-176.78	106.07	0.00013	-183.85	98.99	0.00011
-190.92	91.92	0.00010	-197.99	84.85	0.00008
-205.06	77.78	0.00008	-212.13	70.71	0.00007
-63.64	205.06	0.00064	-70.71	197.99	0.00066

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00068	-84.85	183.85	0.00068
-91.92	176.78	0.00068	-98.99	169.71	0.00066
-106.07	162.63	0.00062	-113.14	155.56	0.00057
-116.67	152.03	0.00055	-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	0.00031
-142.13	126.57	0.00030	-143.54	125.16	0.00029
-144.96	123.74	0.00028	-146.37	122.33	0.00027
-148.49	120.21	0.00025	-152.03	116.67	0.00023
-155.56	113.14	0.00021	-162.63	106.07	0.00017
-169.71	98.99	0.00014	-176.78	91.92	0.00012
-183.85	84.85	0.00010	-190.92	77.78	0.00009
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00069	-63.64	190.92	0.00072
-70.71	183.85	0.00074	-77.78	176.78	0.00075
-84.85	169.71	0.00075	-91.92	162.63	0.00073
-98.99	155.56	0.00070	-106.07	148.49	0.00065
-109.60	144.96	0.00061	-113.14	141.42	0.00058
-115.26	139.30	0.00056	-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	0.00034
-135.06	119.50	0.00033	-136.47	118.09	0.00032
-137.89	116.67	0.00030	-139.30	115.26	0.00029
-141.42	113.14	0.00027	-144.96	109.60	0.00025
-148.49	106.07	0.00022	-155.56	98.99	0.00018
-162.63	91.92	0.00015	-169.71	84.85	0.00012
-176.78	77.78	0.00010	-183.85	70.71	0.00009
-190.92	63.64	0.00009	-197.99	56.57	0.00008

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

19:46:37
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00075	-56.57	183.85	0.00078
-63.64	176.78	0.00081	-70.71	169.71	0.00084
-77.78	162.63	0.00084	-84.85	155.56	0.00083
-91.92	148.49	0.00079	-98.99	141.42	0.00073
-102.53	137.89	0.00070	-106.07	134.35	0.00066

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00063	-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	0.00038
-127.99	112.43	0.00036	-129.40	111.02	0.00035
-130.81	109.60	0.00033	-132.23	108.19	0.00032
-134.35	106.07	0.00030	-137.89	102.53	0.00026
-141.42	98.99	0.00024	-148.49	91.92	0.00019
-155.56	84.85	0.00015	-162.63	77.78	0.00013
-169.71	70.71	0.00011	-176.78	63.64	0.00010
-183.85	56.57	0.00009	-190.92	49.50	0.00009
-42.43	183.85	0.00081	-49.50	176.78	0.00085
-56.57	169.71	0.00090	-63.64	162.63	0.00093
-70.71	155.56	0.00094	-77.78	148.49	0.00094
-84.85	141.42	0.00090	-91.92	134.35	0.00084
-95.46	130.81	0.00080	-98.99	127.28	0.00075
-101.12	125.16	0.00072	-102.53	123.74	0.00070
-103.94	122.33	0.00068	-105.36	120.92	0.00065
-106.77	119.50	0.00063	-119.50	106.77	0.00042
-120.92	105.36	0.00040	-122.33	103.94	0.00038
-123.74	102.53	0.00036	-125.16	101.12	0.00034
-127.28	98.99	0.00032	-130.81	95.46	0.00028
-134.35	91.92	0.00025	-141.42	84.85	0.00020
-148.49	77.78	0.00016	-155.56	70.71	0.00013
-162.63	63.64	0.00012	-169.71	56.57	0.00011
-176.78	49.50	0.00010	-183.85	42.43	0.00010
-35.36	176.78	0.00087	-42.43	169.71	0.00093
-49.50	162.63	0.00099	-56.57	155.56	0.00103
-63.64	148.49	0.00106	-70.71	141.42	0.00107
-77.78	134.35	0.00104	-84.85	127.28	0.00097
-88.39	123.74	0.00092	-91.92	120.21	0.00087
-94.05	118.09	0.00083	-95.46	116.67	0.00080
-96.87	115.26	0.00078	-98.29	113.84	0.00075
-99.70	112.43	0.00072	-112.43	99.70	0.00047
-113.84	98.29	0.00044	-115.26	96.87	0.00042
-116.67	95.46	0.00040	-118.09	94.05	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:46:37
 **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 **

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00035	-123.74	88.39	0.00031
-127.28	84.85	0.00027	-134.35	77.78	0.00021
-141.42	70.71	0.00017	-148.49	63.64	0.00014
-155.56	56.57	0.00013	-162.63	49.50	0.00012
-169.71	42.43	0.00011	-176.78	35.36	0.00011
-28.28	169.71	0.00094	-35.36	162.63	0.00101
-42.43	155.56	0.00109	-49.50	148.49	0.00115
-56.57	141.42	0.00120	-63.64	134.35	0.00122
-70.71	127.28	0.00120	-77.78	120.21	0.00113
-81.32	116.67	0.00107	-84.85	113.14	0.00101
-86.97	111.02	0.00097	-88.39	109.60	0.00094
-89.80	108.19	0.00090	-91.22	106.77	0.00087
-92.63	105.36	0.00083	-105.36	92.63	0.00052
-106.77	91.22	0.00049	-108.19	89.80	0.00046
-109.60	88.39	0.00044	-111.02	86.97	0.00041
-113.14	84.85	0.00038	-116.67	81.32	0.00033
-120.21	77.78	0.00029	-127.28	70.71	0.00022
-134.35	63.64	0.00018	-141.42	56.57	0.00015
-148.49	49.50	0.00014	-155.56	42.43	0.00013
-162.63	35.36	0.00012	-169.71	28.28	0.00012
-21.21	162.63	0.00101	-28.28	155.56	0.00110
-35.36	148.49	0.00119	-42.43	141.42	0.00128
-49.50	134.35	0.00135	-56.57	127.28	0.00140
-63.64	120.21	0.00139	-70.71	113.14	0.00133
-74.25	109.60	0.00127	-77.78	106.07	0.00119
-79.90	103.94	0.00114	-81.32	102.53	0.00110
-82.73	101.12	0.00106	-84.15	99.70	0.00102
-85.56	98.29	0.00098	-98.29	85.56	0.00058
-99.70	84.15	0.00055	-101.12	82.73	0.00051
-102.53	81.32	0.00048	-103.94	79.90	0.00046
-106.07	77.78	0.00042	-109.60	74.25	0.00036
-113.14	70.71	0.00031	-120.21	63.64	0.00023
-127.28	56.57	0.00019	-134.35	49.50	0.00017
-141.42	42.43	0.00015	-148.49	35.36	0.00014
-155.56	28.28	0.00013	-162.63	21.21	0.00013
-14.14	155.56	0.00108	-21.21	148.49	0.00119
-28.28	141.42	0.00131	-35.36	134.35	0.00142
-42.43	127.28	0.00153	-49.50	120.21	0.00160
-56.57	113.14	0.00163	-63.64	106.07	0.00158
-67.18	102.53	0.00151	-70.71	98.99	0.00143

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

*** NCRA Cumulative DPM Impacts

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

19:46:37

**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	0.00136	-74.25	95.46	0.00132
-75.66	94.05	0.00127	-77.07	92.63	0.00121
-78.49	91.22	0.00116	-91.22	78.49	0.00066
-92.63	77.07	0.00061	-94.05	75.66	0.00057
-95.46	74.25	0.00054	-96.87	72.83	0.00050
-98.99	70.71	0.00045	-102.53	67.18	0.00038
-106.07	63.64	0.00033	-113.14	56.57	0.00025
-120.21	49.50	0.00021	-127.28	42.43	0.00019
-134.35	35.36	0.00017	-141.42	28.28	0.00016
-148.49	21.21	0.00015	-155.56	14.14	0.00014
-7.07	148.49	0.00115	-14.14	141.42	0.00128
-21.21	134.35	0.00143	-28.28	127.28	0.00158
-35.36	120.21	0.00172	-42.43	113.14	0.00185
-49.50	106.07	0.00191	-56.57	98.99	0.00189
-60.10	95.46	0.00183	-63.64	91.92	0.00173
-65.76	89.80	0.00166	-67.18	88.39	0.00160
-68.59	86.97	0.00154	-70.00	85.56	0.00147
-71.42	84.15	0.00140	-84.15	71.42	0.00075
-85.56	70.00	0.00069	-86.97	68.59	0.00064
-88.39	67.18	0.00059	-89.80	65.76	0.00055
-91.92	63.64	0.00049	-95.46	60.10	0.00041
-98.99	56.57	0.00035	-106.07	49.50	0.00027
-113.14	42.43	0.00023	-120.21	35.36	0.00021
-127.28	28.28	0.00019	-134.35	21.21	0.00017
-141.42	14.14	0.00016	-148.49	7.07	0.00015
0.00	141.42	0.00120	-7.07	134.35	0.00137
-14.14	127.28	0.00154	-21.21	120.21	0.00174
-28.28	113.14	0.00194	-35.36	106.07	0.00212
-42.43	98.99	0.00226	-49.50	91.92	0.00228
-53.03	88.39	0.00224	-56.57	84.85	0.00213
-58.69	82.73	0.00205	-60.10	81.32	0.00198
-61.52	79.90	0.00190	-62.93	78.49	0.00181
-64.35	77.07	0.00172	-77.07	64.35	0.00085
-78.49	62.93	0.00078	-79.90	61.52	0.00071
-81.32	60.10	0.00065	-82.73	58.69	0.00060
-84.85	56.57	0.00053	-88.39	53.03	0.00044
-91.92	49.50	0.00037	-98.99	42.43	0.00030

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00026	-113.14	28.28	0.00023
-120.21	21.21	0.00021	-127.28	14.14	0.00019
-134.35	7.07	0.00017	-141.42	0.00	0.00016

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

19:46:37
 **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	0.00125	0.00	127.28	0.00144
-7.07	120.21	0.00165	-14.14	113.14	0.00190
-21.21	106.07	0.00216	-28.28	98.99	0.00243
-35.36	91.92	0.00266	-42.43	84.85	0.00278
-45.96	81.32	0.00276	-49.50	77.78	0.00267
-51.62	75.66	0.00258	-53.03	74.25	0.00249
-54.45	72.83	0.00240	-55.86	71.42	0.00229
-57.28	70.00	0.00217	-70.00	57.28	0.00096
-71.42	55.86	0.00087	-72.83	54.45	0.00079
-74.25	53.03	0.00072	-75.66	51.62	0.00065
-77.78	49.50	0.00057	-81.32	45.96	0.00047
-84.85	42.43	0.00041	-91.92	35.36	0.00033
-98.99	28.28	0.00029	-106.07	21.21	0.00026
-113.14	14.14	0.00023	-120.21	7.07	0.00021
-127.28	0.00	0.00018	-134.35	-7.07	0.00017
14.14	127.28	0.00129	7.07	120.21	0.00150
0.00	113.14	0.00175	-7.07	106.07	0.00204
-14.14	98.99	0.00237	-21.21	91.92	0.00274
-28.28	84.85	0.00311	-35.36	77.78	0.00338
-38.89	74.25	0.00343	-42.43	70.71	0.00338
-44.55	68.59	0.00330	-45.96	67.18	0.00321
-47.38	65.76	0.00310	-48.79	64.35	0.00296
-50.20	62.93	0.00280	-62.93	50.20	0.00108
-64.35	48.79	0.00096	-65.76	47.38	0.00086
-67.18	45.96	0.00077	-68.59	44.55	0.00070
-70.71	42.43	0.00062	-74.25	38.89	0.00052
-77.78	35.36	0.00045	-84.85	28.28	0.00037
-91.92	21.21	0.00032	-98.99	14.14	0.00028
-106.07	7.07	0.00025	-113.14	0.00	0.00022
-120.21	-7.07	0.00020	-127.28	-14.14	0.00018
21.21	120.21	0.00133	14.14	113.14	0.00155

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00182	0.00	98.99	0.00216
-7.07	91.92	0.00256	-14.14	84.85	0.00303
-21.21	77.78	0.00357	-28.28	70.71	0.00407
-31.82	67.18	0.00424	-35.36	63.64	0.00431
-37.48	61.52	0.00427	-38.89	60.10	0.00420
-40.31	58.69	0.00409	-41.72	57.28	0.00393
-43.13	55.86	0.00373	-55.86	43.13	0.00120
-57.28	41.72	0.00105	-58.69	40.31	0.00093
-60.10	38.89	0.00083	-61.52	37.48	0.00076

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

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

19:46:37

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00067	-67.18	31.82	0.00057
-70.71	28.28	0.00050	-77.78	21.21	0.00042
-84.85	14.14	0.00036	-91.92	7.07	0.00032
-98.99	0.00	0.00028	-106.07	-7.07	0.00024
-113.14	-14.14	0.00022	-120.21	-21.21	0.00019
28.28	113.14	0.00135	21.21	106.07	0.00159
14.14	98.99	0.00188	7.07	91.92	0.00225
0.00	84.85	0.00271	-7.07	77.78	0.00328
-14.14	70.71	0.00397	-21.21	63.64	0.00474
-24.75	60.10	0.00513	-28.28	56.57	0.00542
-30.41	54.45	0.00552	-31.82	53.03	0.00553
-33.23	51.62	0.00547	-34.65	50.20	0.00535
-36.06	48.79	0.00513	-48.79	36.06	0.00130
-50.20	34.65	0.00113	-51.62	33.23	0.00100
-53.03	31.82	0.00091	-54.45	30.41	0.00083
-56.57	28.28	0.00074	-60.10	24.75	0.00063
-63.64	21.21	0.00056	-70.71	14.14	0.00047
-77.78	7.07	0.00040	-84.85	0.00	0.00035
-91.92	-7.07	0.00031	-98.99	-14.14	0.00027
-106.07	-21.21	0.00024	-113.14	-28.28	0.00021
35.36	106.07	0.00136	28.28	98.99	0.00161
21.21	91.92	0.00193	14.14	84.85	0.00233
7.07	77.78	0.00284	0.00	70.71	0.00349
-7.07	63.64	0.00431	-14.14	56.57	0.00532
-17.68	53.03	0.00589	-21.21	49.50	0.00645

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00675	-24.75	45.96	0.00693
-26.16	44.55	0.00709	-27.58	43.13	0.00719
-28.99	41.72	0.00718	-41.72	28.99	0.00141
-43.13	27.58	0.00123	-44.55	26.16	0.00110
-45.96	24.75	0.00100	-47.38	23.33	0.00091
-49.50	21.21	0.00082	-53.03	17.68	0.00071
-56.57	14.14	0.00063	-63.64	7.07	0.00053
-70.71	0.00	0.00046	-77.78	-7.07	0.00040
-84.85	-14.14	0.00034	-91.92	-21.21	0.00030
-98.99	-28.28	0.00026	-106.07	-35.36	0.00023
42.43	98.99	0.00137	35.36	91.92	0.00163
28.28	84.85	0.00196	21.21	77.78	0.00239
14.14	70.71	0.00294	7.07	63.64	0.00366
0.00	56.57	0.00460	-7.07	49.50	0.00581
-10.61	45.96	0.00652	-14.14	42.43	0.00727

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

19:46:37

**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_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	0.00772	-17.68	38.89	0.00801
-19.09	37.48	0.00829	-20.51	36.06	0.00861
-21.92	34.65	0.00892	-34.65	21.92	0.00163
-36.06	20.51	0.00140	-37.48	19.09	0.00123
-38.89	17.68	0.00111	-40.31	16.26	0.00102
-42.43	14.14	0.00091	-45.96	10.61	0.00079
-49.50	7.07	0.00071	-56.57	0.00	0.00060
-63.64	-7.07	0.00051	-70.71	-14.14	0.00044
-77.78	-21.21	0.00037	-84.85	-28.28	0.00032
-91.92	-35.36	0.00028	-98.99	-42.43	0.00024
49.50	91.92	0.00137	42.43	84.85	0.00163
35.36	77.78	0.00197	28.28	70.71	0.00241
21.21	63.64	0.00299	14.14	56.57	0.00375
7.07	49.50	0.00476	0.00	42.43	0.00607
-3.54	38.89	0.00685	-7.07	35.36	0.00770
-9.19	33.23	0.00820	-10.61	31.82	0.00853
-12.02	30.41	0.00886	-13.44	28.99	0.00919
-14.85	27.58	0.00957	-27.58	14.85	0.00206
-28.99	13.44	0.00174	-30.41	12.02	0.00151

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00134	-33.23	9.19	0.00121
-35.36	7.07	0.00106	-38.89	3.54	0.00090
-42.43	0.00	0.00080	-49.50	-7.07	0.00065
-56.57	-14.14	0.00055	-63.64	-21.21	0.00046
-70.71	-28.28	0.00039	-77.78	-35.36	0.00034
-84.85	-42.43	0.00029	-91.92	-49.50	0.00025
56.57	84.85	0.00135	49.50	77.78	0.00161
42.43	70.71	0.00194	35.36	63.64	0.00238
28.28	56.57	0.00296	21.21	49.50	0.00372
14.14	42.43	0.00476	7.07	35.36	0.00612
3.54	31.82	0.00693	0.00	28.28	0.00783
-2.12	26.16	0.00839	-3.54	24.75	0.00877
-4.95	23.33	0.00913	-6.36	21.92	0.00950
-7.78	20.51	0.00993	-20.51	7.78	0.00249
-21.92	6.36	0.00211	-23.33	4.95	0.00184
-24.75	3.54	0.00164	-26.16	2.12	0.00148
-28.28	0.00	0.00130	-31.82	-3.54	0.00109
-35.36	-7.07	0.00094	-42.43	-14.14	0.00074
-49.50	-21.21	0.00060	-56.57	-28.28	0.00049
-63.64	-35.36	0.00041	-70.71	-42.43	0.00035
-77.78	-49.50	0.00030	-84.85	-56.57	0.00026

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

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

19:46:37

**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	0.00132	56.57	70.71	0.00157
49.50	63.64	0.00188	42.43	56.57	0.00230
35.36	49.50	0.00285	28.28	42.43	0.00360
21.21	35.36	0.00461	14.14	28.28	0.00599
10.61	24.75	0.00684	7.07	21.21	0.00778
4.95	19.09	0.00838	3.54	17.68	0.00879
2.12	16.26	0.00920	0.71	14.85	0.00961
-0.71	13.44	0.01006	-13.44	0.71	0.00287
-14.85	-0.71	0.00246	-16.26	-2.12	0.00216
-17.68	-3.54	0.00193	-19.09	-4.95	0.00175
-21.21	-7.07	0.00154	-24.75	-10.61	0.00130
-28.28	-14.14	0.00111	-35.36	-21.21	0.00085
-42.43	-28.28	0.00067	-49.50	-35.36	0.00053

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00044	-63.64	-49.50	0.00037
-70.71	-56.57	0.00031	-77.78	-63.64	0.00027
70.71	70.71	0.00128	63.64	63.64	0.00151
56.57	56.57	0.00180	49.50	49.50	0.00219
42.43	42.43	0.00270	35.36	35.36	0.00340
28.28	28.28	0.00436	21.21	21.21	0.00570
17.68	17.68	0.00655	14.14	14.14	0.00752
12.02	12.02	0.00815	10.61	10.61	0.00858
9.19	9.19	0.00903	7.78	7.78	0.00948
6.36	6.36	0.00996	-6.36	-6.36	0.00316
-7.78	-7.78	0.00275	-9.19	-9.19	0.00243
-10.61	-10.61	0.00219	-12.02	-12.02	0.00199
-14.14	-14.14	0.00176	-17.68	-17.68	0.00148
-21.21	-21.21	0.00128	-28.28	-28.28	0.00096
-35.36	-35.36	0.00074	-42.43	-42.43	0.00059
-49.50	-49.50	0.00047	-56.57	-56.57	0.00039
-63.64	-63.64	0.00033	-70.71	-70.71	0.00028
77.78	63.64	0.00123	70.71	56.57	0.00144
63.64	49.50	0.00171	56.57	42.43	0.00206
49.50	35.36	0.00251	42.43	28.28	0.00313
35.36	21.21	0.00400	28.28	14.14	0.00524
24.75	10.61	0.00605	21.21	7.07	0.00701
19.09	4.95	0.00765	17.68	3.54	0.00810
16.26	2.12	0.00857	14.85	0.71	0.00905
13.44	-0.71	0.00957	0.71	-13.44	0.00337
-0.71	-14.85	0.00297	-2.12	-16.26	0.00266
-3.54	-17.68	0.00241	-4.95	-19.09	0.00221

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

19:46:37
 **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	-21.21	0.00196	-10.61	-24.75	0.00164
-14.14	-28.28	0.00140	-21.21	-35.36	0.00106
-28.28	-42.43	0.00082	-35.36	-49.50	0.00064
-42.43	-56.57	0.00051	-49.50	-63.64	0.00042
-56.57	-70.71	0.00035	-63.64	-77.78	0.00029
84.85	56.57	0.00117	77.78	49.50	0.00137
70.71	42.43	0.00161	63.64	35.36	0.00192

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00232	49.50	21.21	0.00285
42.43	14.14	0.00358	35.36	7.07	0.00463
31.82	3.54	0.00534	28.28	0.00	0.00622
26.16	-2.12	0.00683	24.75	-3.54	0.00727
23.33	-4.95	0.00774	21.92	-6.36	0.00825
20.51	-7.78	0.00882	7.78	-20.51	0.00352
6.36	-21.92	0.00313	4.95	-23.33	0.00284
3.54	-24.75	0.00259	2.12	-26.16	0.00238
0.00	-28.28	0.00211	-3.54	-31.82	0.00176
-7.07	-35.36	0.00151	-14.14	-42.43	0.00114
-21.21	-49.50	0.00089	-28.28	-56.57	0.00069
-35.36	-63.64	0.00055	-42.43	-70.71	0.00045
-49.50	-77.78	0.00037	-56.57	-84.85	0.00030
91.92	49.50	0.00111	84.85	42.43	0.00128
77.78	35.36	0.00150	70.71	28.28	0.00177
63.64	21.21	0.00212	56.57	14.14	0.00256
49.50	7.07	0.00316	42.43	0.00	0.00397
38.89	-3.54	0.00450	35.36	-7.07	0.00517
33.23	-9.19	0.00566	31.82	-10.61	0.00603
30.41	-12.02	0.00646	28.99	-13.44	0.00695
27.58	-14.85	0.00754	14.85	-27.58	0.00361
13.44	-28.99	0.00325	12.02	-30.41	0.00295
10.61	-31.82	0.00271	9.19	-33.23	0.00249
7.07	-35.36	0.00221	3.54	-38.89	0.00186
0.00	-42.43	0.00159	-7.07	-49.50	0.00120
-14.14	-56.57	0.00094	-21.21	-63.64	0.00073
-28.28	-70.71	0.00058	-35.36	-77.78	0.00047
-42.43	-84.85	0.00038	-49.50	-91.92	0.00032
98.99	42.43	0.00103	91.92	35.36	0.00119
84.85	28.28	0.00138	77.78	21.21	0.00161
70.71	14.14	0.00191	63.64	7.07	0.00228
56.57	0.00	0.00275	49.50	-7.07	0.00335
45.96	-10.61	0.00372	42.43	-14.14	0.00414

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

19:46:37
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00442	38.89	-17.68	0.00464

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00488	36.06	-20.51	0.00518
34.65	-21.92	0.00558	21.92	-34.65	0.00364
20.51	-36.06	0.00329	19.09	-37.48	0.00300
17.68	-38.89	0.00276	16.26	-40.31	0.00255
14.14	-42.43	0.00228	10.61	-45.96	0.00192
7.07	-49.50	0.00163	0.00	-56.57	0.00123
-7.07	-63.64	0.00096	-14.14	-70.71	0.00076
-21.21	-77.78	0.00060	-28.28	-84.85	0.00049
-35.36	-91.92	0.00040	-42.43	-98.99	0.00033
106.07	35.36	0.00095	98.99	28.28	0.00109
91.92	21.21	0.00125	84.85	14.14	0.00144
77.78	7.07	0.00168	70.71	0.00	0.00197
63.64	-7.07	0.00233	56.57	-14.14	0.00275
53.03	-17.68	0.00298	49.50	-21.21	0.00323
47.38	-23.33	0.00338	45.96	-24.75	0.00349
44.55	-26.16	0.00361	43.13	-27.58	0.00373
41.72	-28.99	0.00388	28.99	-41.72	0.00352
27.58	-43.13	0.00323	26.16	-44.55	0.00297
24.75	-45.96	0.00275	23.33	-47.38	0.00255
21.21	-49.50	0.00230	17.68	-53.03	0.00194
14.14	-56.57	0.00166	7.07	-63.64	0.00125
0.00	-70.71	0.00098	-7.07	-77.78	0.00077
-14.14	-84.85	0.00062	-21.21	-91.92	0.00050
-28.28	-98.99	0.00041	-35.36	-106.07	0.00034
113.14	28.28	0.00087	106.07	21.21	0.00098
98.99	14.14	0.00112	91.92	7.07	0.00128
84.85	0.00	0.00147	77.78	-7.07	0.00170
70.71	-14.14	0.00197	63.64	-21.21	0.00229
60.10	-24.75	0.00246	56.57	-28.28	0.00264
54.45	-30.41	0.00276	53.03	-31.82	0.00284
51.62	-33.23	0.00293	50.20	-34.65	0.00302
48.79	-36.06	0.00310	36.06	-48.79	0.00311
34.65	-50.20	0.00294	33.23	-51.62	0.00277
31.82	-53.03	0.00260	30.41	-54.45	0.00244
28.28	-56.57	0.00223	24.75	-60.10	0.00192
21.21	-63.64	0.00166	14.14	-70.71	0.00127
7.07	-77.78	0.00099	0.00	-84.85	0.00079
-7.07	-91.92	0.00064	-14.14	-98.99	0.00052
-21.21	-106.07	0.00043	-28.28	-113.14	0.00036

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

*** NCRA Cumulative DPM Impacts

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

19:46:37

**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	0.00079	113.14	14.14	0.00089
106.07	7.07	0.00100	98.99	0.00	0.00114
91.92	-7.07	0.00130	84.85	-14.14	0.00149
77.78	-21.21	0.00171	70.71	-28.28	0.00196
67.18	-31.82	0.00210	63.64	-35.36	0.00224
61.52	-37.48	0.00233	60.10	-38.89	0.00239
58.69	-40.31	0.00244	57.28	-41.72	0.00250
55.86	-43.13	0.00255	43.13	-55.86	0.00268
41.72	-57.28	0.00258	40.31	-58.69	0.00246
38.89	-60.10	0.00234	37.48	-61.52	0.00222
35.36	-63.64	0.00205	31.82	-67.18	0.00180
28.28	-70.71	0.00159	21.21	-77.78	0.00124
14.14	-84.85	0.00099	7.07	-91.92	0.00080
0.00	-98.99	0.00065	-7.07	-106.07	0.00054
-14.14	-113.14	0.00045	-21.21	-120.21	0.00037
127.28	14.14	0.00072	120.21	7.07	0.00081
113.14	0.00	0.00091	106.07	-7.07	0.00102
98.99	-14.14	0.00115	91.92	-21.21	0.00131
84.85	-28.28	0.00150	77.78	-35.36	0.00170
74.25	-38.89	0.00180	70.71	-42.43	0.00191
68.59	-44.55	0.00197	67.18	-45.96	0.00201
65.76	-47.38	0.00204	64.35	-48.79	0.00208
62.93	-50.20	0.00212	50.20	-62.93	0.00228
48.79	-64.35	0.00222	47.38	-65.76	0.00215
45.96	-67.18	0.00207	44.55	-68.59	0.00198
42.43	-70.71	0.00185	38.89	-74.25	0.00164
35.36	-77.78	0.00147	28.28	-84.85	0.00117
21.21	-91.92	0.00095	14.14	-98.99	0.00078
7.07	-106.07	0.00065	0.00	-113.14	0.00054
-7.07	-120.21	0.00046	-14.14	-127.28	0.00038
134.35	7.07	0.00066	127.28	0.00	0.00074
120.21	-7.07	0.00082	113.14	-14.14	0.00092
106.07	-21.21	0.00104	98.99	-28.28	0.00117
91.92	-35.36	0.00132	84.85	-42.43	0.00148
81.32	-45.96	0.00155	77.78	-49.50	0.00163
75.66	-51.62	0.00167	74.25	-53.03	0.00169
72.83	-54.45	0.00172	71.42	-55.86	0.00175
70.00	-57.28	0.00178	57.28	-70.00	0.00193
55.86	-71.42	0.00190	54.45	-72.83	0.00186

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00181 51.62 -75.66 0.00175

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

19:46:37

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00165	45.96	-81.32	0.00149
42.43	-84.85	0.00134	35.36	-91.92	0.00109
28.28	-98.99	0.00090	21.21	-106.07	0.00075
14.14	-113.14	0.00063	7.07	-120.21	0.00054
0.00	-127.28	0.00046	-7.07	-134.35	0.00039
141.42	0.00	0.00061	134.35	-7.07	0.00068
127.28	-14.14	0.00075	120.21	-21.21	0.00084
113.14	-28.28	0.00093	106.07	-35.36	0.00104
98.99	-42.43	0.00116	91.92	-49.50	0.00128
88.39	-53.03	0.00134	84.85	-56.57	0.00139
82.73	-58.69	0.00142	81.32	-60.10	0.00144
79.90	-61.52	0.00146	78.49	-62.93	0.00148
77.07	-64.35	0.00150	64.35	-77.07	0.00163
62.93	-78.49	0.00162	61.52	-79.90	0.00159
60.10	-81.32	0.00156	58.69	-82.73	0.00153
56.57	-84.85	0.00146	53.03	-88.39	0.00134
49.50	-91.92	0.00122	42.43	-98.99	0.00100
35.36	-106.07	0.00084	28.28	-113.14	0.00071
21.21	-120.21	0.00061	14.14	-127.28	0.00052
7.07	-134.35	0.00045	0.00	-141.42	0.00039
148.49	-7.07	0.00057	141.42	-14.14	0.00062
134.35	-21.21	0.00069	127.28	-28.28	0.00076
120.21	-35.36	0.00084	113.14	-42.43	0.00093
106.07	-49.50	0.00103	98.99	-56.57	0.00112
95.46	-60.10	0.00116	91.92	-63.64	0.00120
89.80	-65.76	0.00122	88.39	-67.18	0.00123
86.97	-68.59	0.00125	85.56	-70.00	0.00127
84.15	-71.42	0.00129	71.42	-84.15	0.00139
70.00	-85.56	0.00138	68.59	-86.97	0.00137
67.18	-88.39	0.00135	65.76	-89.80	0.00133
63.64	-91.92	0.00129	60.10	-95.46	0.00120
56.57	-98.99	0.00110	49.50	-106.07	0.00092
42.43	-113.14	0.00077	35.36	-120.21	0.00066

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00057	21.21	-134.35	0.00050
14.14	-141.42	0.00044	7.07	-148.49	0.00038
155.56	-14.14	0.00053	148.49	-21.21	0.00058
141.42	-28.28	0.00063	134.35	-35.36	0.00069
127.28	-42.43	0.00076	120.21	-49.50	0.00084
113.14	-56.57	0.00091	106.07	-63.64	0.00098
102.53	-67.18	0.00101	98.99	-70.71	0.00104

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

19:46:37

**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	0.00105	95.46	-74.25	0.00107
94.05	-75.66	0.00108	92.63	-77.07	0.00110
91.22	-78.49	0.00111	78.49	-91.22	0.00120
77.07	-92.63	0.00119	75.66	-94.05	0.00119
74.25	-95.46	0.00118	72.83	-96.87	0.00116
70.71	-98.99	0.00113	67.18	-102.53	0.00107
63.64	-106.07	0.00100	56.57	-113.14	0.00085
49.50	-120.21	0.00072	42.43	-127.28	0.00062
35.36	-134.35	0.00054	28.28	-141.42	0.00047
21.21	-148.49	0.00042	14.14	-155.56	0.00037
162.63	-21.21	0.00049	155.56	-28.28	0.00053
148.49	-35.36	0.00058	141.42	-42.43	0.00063
134.35	-49.50	0.00069	127.28	-56.57	0.00075
120.21	-63.64	0.00081	113.14	-70.71	0.00086
109.60	-74.25	0.00088	106.07	-77.78	0.00091
103.94	-79.90	0.00092	102.53	-81.32	0.00093
101.12	-82.73	0.00094	99.70	-84.15	0.00095
98.29	-85.56	0.00097	85.56	-98.29	0.00104
84.15	-99.70	0.00104	82.73	-101.12	0.00103
81.32	-102.53	0.00103	79.90	-103.94	0.00102
77.78	-106.07	0.00100	74.25	-109.60	0.00096
70.71	-113.14	0.00090	63.64	-120.21	0.00078
56.57	-127.28	0.00067	49.50	-134.35	0.00057
42.43	-141.42	0.00050	35.36	-148.49	0.00045
28.28	-155.56	0.00040	21.21	-162.63	0.00035
169.71	-28.28	0.00045	162.63	-35.36	0.00049
155.56	-42.43	0.00054	148.49	-49.50	0.00058

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00063	134.35	-63.64	0.00068
127.28	-70.71	0.00072	120.21	-77.78	0.00076
116.67	-81.32	0.00078	113.14	-84.85	0.00080
111.02	-86.97	0.00081	109.60	-88.39	0.00082
108.19	-89.80	0.00083	106.77	-91.22	0.00084
105.36	-92.63	0.00085	92.63	-105.36	0.00091
91.22	-106.77	0.00091	89.80	-108.19	0.00091
88.39	-109.60	0.00090	86.97	-111.02	0.00090
84.85	-113.14	0.00088	81.32	-116.67	0.00085
77.78	-120.21	0.00081	70.71	-127.28	0.00072
63.64	-134.35	0.00062	56.57	-141.42	0.00054
49.50	-148.49	0.00047	42.43	-155.56	0.00042
35.36	-162.63	0.00038	28.28	-169.71	0.00034

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

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

19:46:37

**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	0.00042	169.71	-42.43	0.00046
162.63	-49.50	0.00049	155.56	-56.57	0.00053
148.49	-63.64	0.00058	141.42	-70.71	0.00061
134.35	-77.78	0.00065	127.28	-84.85	0.00068
123.74	-88.39	0.00069	120.21	-91.92	0.00071
118.09	-94.05	0.00072	116.67	-95.46	0.00073
115.26	-96.87	0.00074	113.84	-98.29	0.00074
112.43	-99.70	0.00075	99.70	-112.43	0.00080
98.29	-113.84	0.00080	96.87	-115.26	0.00080
95.46	-116.67	0.00080	94.05	-118.09	0.00079
91.92	-120.21	0.00079	88.39	-123.74	0.00077
84.85	-127.28	0.00074	77.78	-134.35	0.00066
70.71	-141.42	0.00058	63.64	-148.49	0.00050
56.57	-155.56	0.00044	49.50	-162.63	0.00039
42.43	-169.71	0.00035	35.36	-176.78	0.00032
183.85	-42.43	0.00039	176.78	-49.50	0.00042
169.71	-56.57	0.00046	162.63	-63.64	0.00049
155.56	-70.71	0.00053	148.49	-77.78	0.00056
141.42	-84.85	0.00058	134.35	-91.92	0.00061
130.81	-95.46	0.00062	127.28	-98.99	0.00063
125.16	-101.12	0.00064	123.74	-102.53	0.00065

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00066	120.92	-105.36	0.00066
119.50	-106.77	0.00067	106.77	-119.50	0.00071
105.36	-120.92	0.00071	103.94	-122.33	0.00071
102.53	-123.74	0.00071	101.12	-125.16	0.00071
98.99	-127.28	0.00070	95.46	-130.81	0.00069
91.92	-134.35	0.00067	84.85	-141.42	0.00061
77.78	-148.49	0.00054	70.71	-155.56	0.00047
63.64	-162.63	0.00042	56.57	-169.71	0.00037
49.50	-176.78	0.00033	42.43	-183.85	0.00030
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00042	169.71	-70.71	0.00045
162.63	-77.78	0.00048	155.56	-84.85	0.00051
148.49	-91.92	0.00053	141.42	-98.99	0.00055
137.89	-102.53	0.00056	134.35	-106.07	0.00057
132.23	-108.19	0.00058	130.81	-109.60	0.00058
129.40	-111.02	0.00059	127.99	-112.43	0.00059
126.57	-113.84	0.00060	113.84	-126.57	0.00063
112.43	-127.99	0.00064	111.02	-129.40	0.00064
109.60	-130.81	0.00064	108.19	-132.23	0.00063

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

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

19:46:37
 **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	0.00063	102.53	-137.89	0.00062
98.99	-141.42	0.00060	91.92	-148.49	0.00056
84.85	-155.56	0.00050	77.78	-162.63	0.00045
70.71	-169.71	0.00039	63.64	-176.78	0.00035
56.57	-183.85	0.00032	49.50	-190.92	0.00029
197.99	-56.57	0.00035	190.92	-63.64	0.00037
183.85	-70.71	0.00039	176.78	-77.78	0.00042
169.71	-84.85	0.00044	162.63	-91.92	0.00046
155.56	-98.99	0.00048	148.49	-106.07	0.00050
144.96	-109.60	0.00051	141.42	-113.14	0.00052
139.30	-115.26	0.00052	137.89	-116.67	0.00053
136.47	-118.09	0.00053	135.06	-119.50	0.00054
133.64	-120.92	0.00054	120.92	-133.64	0.00057
119.50	-135.06	0.00057	118.09	-136.47	0.00057
116.67	-137.89	0.00057	115.26	-139.30	0.00057

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00057	109.60	-144.96	0.00056
106.07	-148.49	0.00055	98.99	-155.56	0.00051
91.92	-162.63	0.00047	84.85	-169.71	0.00042
77.78	-176.78	0.00037	70.71	-183.85	0.00033
63.64	-190.92	0.00030	56.57	-197.99	0.00027
205.06	-63.64	0.00032	197.99	-70.71	0.00035
190.92	-77.78	0.00037	183.85	-84.85	0.00039
176.78	-91.92	0.00041	169.71	-98.99	0.00042
162.63	-106.07	0.00043	155.56	-113.14	0.00045
152.03	-116.67	0.00046	148.49	-120.21	0.00047
146.37	-122.33	0.00047	144.96	-123.74	0.00048
143.54	-125.16	0.00048	142.13	-126.57	0.00049
140.71	-127.99	0.00049	127.99	-140.71	0.00052
126.57	-142.13	0.00052	125.16	-143.54	0.00052
123.74	-144.96	0.00052	122.33	-146.37	0.00052
120.21	-148.49	0.00052	116.67	-152.03	0.00051
113.14	-155.56	0.00050	106.07	-162.63	0.00047
98.99	-169.71	0.00044	91.92	-176.78	0.00039
84.85	-183.85	0.00035	77.78	-190.92	0.00032
70.71	-197.99	0.00028	63.64	-205.06	0.00026
212.13	-70.71	0.00031	205.06	-77.78	0.00032
197.99	-84.85	0.00034	190.92	-91.92	0.00036
183.85	-98.99	0.00037	176.78	-106.07	0.00039
169.71	-113.14	0.00040	162.63	-120.21	0.00041
159.10	-123.74	0.00042	155.56	-127.28	0.00043

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

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

19:46:37

**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
153.44	-129.40	0.00043	152.03	-130.81	0.00044
150.61	-132.23	0.00044	149.20	-133.64	0.00044
147.79	-135.06	0.00045	135.06	-147.79	0.00047
133.64	-149.20	0.00047	132.23	-150.61	0.00047
130.81	-152.03	0.00047	129.40	-153.44	0.00047
127.28	-155.56	0.00047	123.74	-159.10	0.00047
120.21	-162.63	0.00046	113.14	-169.71	0.00044
106.07	-176.78	0.00041	98.99	-183.85	0.00037
91.92	-190.92	0.00034	84.85	-197.99	0.00030

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00027	70.71	-212.13	0.00025
219.20	-77.78	0.00029	212.13	-84.85	0.00030
205.06	-91.92	0.00032	197.99	-98.99	0.00033
190.92	-106.07	0.00034	183.85	-113.14	0.00035
176.78	-120.21	0.00037	169.71	-127.28	0.00038
166.17	-130.81	0.00039	162.63	-134.35	0.00039
160.51	-136.47	0.00040	159.10	-137.89	0.00040
157.68	-139.30	0.00040	156.27	-140.71	0.00041
154.86	-142.13	0.00041	142.13	-154.86	0.00043
140.71	-156.27	0.00043	139.30	-157.68	0.00043
137.89	-159.10	0.00043	136.47	-160.51	0.00043
134.35	-162.63	0.00043	130.81	-166.17	0.00043
127.28	-169.71	0.00042	120.21	-176.78	0.00040
113.14	-183.85	0.00038	106.07	-190.92	0.00035
98.99	-197.99	0.00032	91.92	-205.06	0.00029
84.85	-212.13	0.00026	77.78	-219.20	0.00024
226.27	-84.85	0.00027	219.20	-91.92	0.00028
212.13	-98.99	0.00030	205.06	-106.07	0.00031
197.99	-113.14	0.00032	190.92	-120.21	0.00033
183.85	-127.28	0.00034	176.78	-134.35	0.00035
173.24	-137.89	0.00036	169.71	-141.42	0.00036
167.58	-143.54	0.00036	166.17	-144.96	0.00037
164.76	-146.37	0.00037	163.34	-147.79	0.00037
161.93	-149.20	0.00037	149.20	-161.93	0.00039
147.79	-163.34	0.00039	146.37	-164.76	0.00039
144.96	-166.17	0.00040	143.54	-167.58	0.00040
141.42	-169.71	0.00040	137.89	-173.24	0.00039
134.35	-176.78	0.00039	127.28	-183.85	0.00038
120.21	-190.92	0.00035	113.14	-197.99	0.00033
106.07	-205.06	0.00030	98.99	-212.13	0.00027
91.92	-219.20	0.00025	84.85	-226.27	0.00023

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

19:46:37

**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_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	0.00026	226.27	-98.99	0.00027
219.20	-106.07	0.00028	212.13	-113.14	0.00029
205.06	-120.21	0.00030	197.99	-127.28	0.00030

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00031	183.85	-141.42	0.00032
180.31	-144.96	0.00033	176.78	-148.49	0.00033
174.66	-150.61	0.00034	173.24	-152.03	0.00034
171.83	-153.44	0.00034	170.41	-154.86	0.00034
169.00	-156.27	0.00035	156.27	-169.00	0.00036
154.86	-170.41	0.00036	153.44	-171.83	0.00036
152.03	-173.24	0.00036	150.61	-174.66	0.00036
148.49	-176.78	0.00036	144.96	-180.31	0.00036
141.42	-183.85	0.00036	134.35	-190.92	0.00035
127.28	-197.99	0.00033	120.21	-205.06	0.00031
113.14	-212.13	0.00029	106.07	-219.20	0.00026
98.99	-226.27	0.00024	91.92	-233.35	0.00022
240.42	-98.99	0.00024	233.35	-106.07	0.00025
226.27	-113.14	0.00026	219.20	-120.21	0.00027
212.13	-127.28	0.00028	205.06	-134.35	0.00028
197.99	-141.42	0.00029	190.92	-148.49	0.00030
187.38	-152.03	0.00030	183.85	-155.56	0.00031
181.73	-157.68	0.00031	180.31	-159.10	0.00031
178.90	-160.51	0.00032	177.48	-161.93	0.00032
176.07	-163.34	0.00032	163.34	-176.07	0.00033
161.93	-177.48	0.00033	160.51	-178.90	0.00034
159.10	-180.31	0.00034	157.68	-181.73	0.00034
155.56	-183.85	0.00034	152.03	-187.38	0.00034
148.49	-190.92	0.00033	141.42	-197.99	0.00032
134.35	-205.06	0.00031	127.28	-212.13	0.00029
120.21	-219.20	0.00027	113.14	-226.27	0.00025
106.07	-233.35	0.00023	98.99	-240.42	0.00021
247.49	-106.07	0.00023	240.42	-113.14	0.00024
233.35	-120.21	0.00024	226.27	-127.28	0.00025
219.20	-134.35	0.00026	212.13	-141.42	0.00026
205.06	-148.49	0.00027	197.99	-155.56	0.00028
194.45	-159.10	0.00028	190.92	-162.63	0.00029
188.80	-164.76	0.00029	187.38	-166.17	0.00029
185.97	-167.58	0.00029	184.55	-169.00	0.00030
183.14	-170.41	0.00030	170.41	-183.14	0.00031
169.00	-184.55	0.00031	167.58	-185.97	0.00031
166.17	-187.38	0.00031	164.76	-188.80	0.00031

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

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

19:46:37

**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 ,

12NCRA_SR02-300_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	0.00031	159.10	-194.45	0.00031	
155.56	-197.99	0.00031	148.49	-205.06	0.00030	
141.42	-212.13	0.00029	134.35	-219.20	0.00028	
127.28	-226.27	0.00026	120.21	-233.35	0.00024	
113.14	-240.42	0.00022	106.07	-247.49	0.00020	

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

19:46:37
 **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	
-106.07	247.49	0.00081	-113.14	240.42	0.00085	
-120.21	233.35	0.00090	-127.28	226.27	0.00093	
-134.35	219.20	0.00094	-141.42	212.13	0.00094	
-148.49	205.06	0.00090	-155.56	197.99	0.00084	
-159.10	194.45	0.00080	-162.63	190.92	0.00075	
-164.76	188.80	0.00072	-166.17	187.38	0.00070	
-167.58	185.97	0.00068	-169.00	184.55	0.00065	
-170.41	183.14	0.00063	-183.14	170.41	0.00042	
-184.55	169.00	0.00040	-185.97	167.58	0.00038	
-187.38	166.17	0.00036	-188.80	164.76	0.00034	
-190.92	162.63	0.00032	-194.45	159.10	0.00028	
-197.99	155.56	0.00025	-205.06	148.49	0.00020	
-212.13	141.42	0.00016	-219.20	134.35	0.00013	
-226.27	127.28	0.00012	-233.35	120.21	0.00011	
-240.42	113.14	0.00010	-247.49	106.07	0.00010	
-98.99	240.42	0.00087	-106.07	233.35	0.00093	
-113.14	226.27	0.00099	-120.21	219.20	0.00103	
-127.28	212.13	0.00106	-134.35	205.06	0.00107	
-141.42	197.99	0.00104	-148.49	190.92	0.00097	
-152.03	187.38	0.00092	-155.56	183.85	0.00087	
-157.68	181.73	0.00083	-159.10	180.31	0.00080	
-160.51	178.90	0.00078	-161.93	177.48	0.00075	
-163.34	176.07	0.00072	-176.07	163.34	0.00047	
-177.48	161.93	0.00044	-178.90	160.51	0.00042	
-180.31	159.10	0.00040	-181.73	157.68	0.00038	
-183.85	155.56	0.00035	-187.38	152.03	0.00031	

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00027	-197.99	141.42	0.00021
-205.06	134.35	0.00017	-212.13	127.28	0.00014
-219.20	120.21	0.00013	-226.27	113.14	0.00012
-233.35	106.07	0.00011	-240.42	98.99	0.00011
-91.92	233.35	0.00094	-98.99	226.27	0.00101
-106.07	219.20	0.00109	-113.14	212.13	0.00115
-120.21	205.06	0.00120	-127.28	197.99	0.00122
-134.35	190.92	0.00120	-141.42	183.85	0.00113
-144.96	180.31	0.00107	-148.49	176.78	0.00101
-150.61	174.66	0.00097	-152.03	173.24	0.00094
-153.44	171.83	0.00090	-154.86	170.41	0.00087
-156.27	169.00	0.00083	-169.00	156.27	0.00052
-170.41	154.86	0.00049	-171.83	153.44	0.00046
-173.24	152.03	0.00044	-174.66	150.61	0.00041

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

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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00038	-180.31	144.96	0.00033
-183.85	141.42	0.00029	-190.92	134.35	0.00022
-197.99	127.28	0.00018	-205.06	120.21	0.00015
-212.13	113.14	0.00014	-219.20	106.07	0.00013
-226.27	99.00	0.00012	-233.35	91.92	0.00012
-84.85	226.27	0.00101	-91.92	219.20	0.00110
-98.99	212.13	0.00119	-106.07	205.06	0.00128
-113.14	197.99	0.00135	-120.21	190.92	0.00140
-127.28	183.85	0.00139	-134.35	176.78	0.00133
-137.89	173.24	0.00127	-141.42	169.71	0.00119
-143.54	167.58	0.00114	-144.96	166.17	0.00110
-146.37	164.76	0.00106	-147.79	163.34	0.00102
-149.20	161.93	0.00098	-161.93	149.20	0.00058
-163.34	147.79	0.00055	-164.76	146.37	0.00051
-166.17	144.96	0.00048	-167.58	143.54	0.00046
-169.71	141.42	0.00042	-173.24	137.89	0.00036
-176.78	134.35	0.00031	-183.85	127.28	0.00023
-190.92	120.21	0.00019	-197.99	113.14	0.00017
-205.06	106.07	0.00015	-212.13	99.00	0.00014
-219.20	91.92	0.00013	-226.27	84.85	0.00013

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00108	-84.85	212.13	0.00119
-91.92	205.06	0.00131	-98.99	197.99	0.00142
-106.07	190.92	0.00153	-113.14	183.85	0.00160
-120.21	176.78	0.00163	-127.28	169.71	0.00158
-130.81	166.17	0.00151	-134.35	162.63	0.00143
-136.47	160.51	0.00136	-137.89	159.10	0.00132
-139.30	157.68	0.00127	-140.71	156.27	0.00121
-142.13	154.86	0.00116	-154.86	142.13	0.00066
-156.27	140.71	0.00061	-157.68	139.30	0.00057
-159.10	137.89	0.00054	-160.51	136.47	0.00050
-162.63	134.35	0.00045	-166.17	130.81	0.00038
-169.71	127.28	0.00033	-176.78	120.21	0.00025
-183.85	113.14	0.00021	-190.92	106.07	0.00019
-197.99	99.00	0.00017	-205.06	91.92	0.00016
-212.13	84.85	0.00015	-219.20	77.78	0.00014
-70.71	212.13	0.00115	-77.78	205.06	0.00128
-84.85	197.99	0.00143	-91.92	190.92	0.00158
-98.99	183.85	0.00172	-106.07	176.78	0.00185
-113.14	169.71	0.00191	-120.21	162.63	0.00189
-123.74	159.10	0.00183	-127.28	155.56	0.00173

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

19:46:37
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00166	-130.81	152.03	0.00160
-132.23	150.61	0.00154	-133.64	149.20	0.00147
-135.06	147.79	0.00140	-147.79	135.06	0.00075
-149.20	133.64	0.00069	-150.61	132.23	0.00064
-152.03	130.81	0.00059	-153.44	129.40	0.00055
-155.56	127.28	0.00049	-159.10	123.74	0.00041
-162.63	120.21	0.00035	-169.71	113.14	0.00027
-176.78	106.07	0.00023	-183.85	98.99	0.00021
-190.92	91.92	0.00019	-197.99	84.85	0.00017
-205.06	77.78	0.00016	-212.13	70.71	0.00015
-63.64	205.06	0.00120	-70.71	197.99	0.00137
-77.78	190.92	0.00154	-84.85	183.85	0.00174
-91.92	176.78	0.00194	-98.99	169.71	0.00212
-106.07	162.63	0.00226	-113.14	155.56	0.00228

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00224	-120.21	148.49	0.00213
-122.33	146.37	0.00205	-123.74	144.96	0.00198
-125.16	143.54	0.00190	-126.57	142.13	0.00181
-127.99	140.71	0.00172	-140.71	127.99	0.00085
-142.13	126.57	0.00078	-143.54	125.16	0.00071
-144.96	123.74	0.00065	-146.37	122.33	0.00060
-148.49	120.21	0.00053	-152.03	116.67	0.00044
-155.56	113.14	0.00037	-162.63	106.07	0.00030
-169.71	98.99	0.00026	-176.78	91.92	0.00023
-183.85	84.85	0.00021	-190.92	77.78	0.00019
-197.99	70.71	0.00017	-205.06	63.64	0.00016
-56.57	197.99	0.00125	-63.64	190.92	0.00144
-70.71	183.85	0.00165	-77.78	176.78	0.00190
-84.85	169.71	0.00216	-91.92	162.63	0.00243
-98.99	155.56	0.00266	-106.07	148.49	0.00278
-109.60	144.96	0.00276	-113.14	141.42	0.00267
-115.26	139.30	0.00258	-116.67	137.89	0.00249
-118.09	136.47	0.00240	-119.50	135.06	0.00229
-120.92	133.64	0.00217	-133.64	120.92	0.00096
-135.06	119.50	0.00087	-136.47	118.09	0.00079
-137.89	116.67	0.00072	-139.30	115.26	0.00065
-141.42	113.14	0.00057	-144.96	109.60	0.00047
-148.49	106.07	0.00041	-155.56	98.99	0.00033
-162.63	91.92	0.00029	-169.71	84.85	0.00026
-176.78	77.78	0.00023	-183.85	70.71	0.00021
-190.92	63.64	0.00018	-197.99	56.57	0.00017

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

04/18/08

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

19:46:37

**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	0.00129	-56.57	183.85	0.00150
-63.64	176.78	0.00175	-70.71	169.71	0.00204
-77.78	162.63	0.00237	-84.85	155.56	0.00274
-91.92	148.49	0.00311	-98.99	141.42	0.00338
-102.53	137.89	0.00343	-106.07	134.35	0.00338
-108.19	132.23	0.00330	-109.60	130.81	0.00321
-111.02	129.40	0.00310	-112.43	127.99	0.00296
-113.84	126.57	0.00280	-126.57	113.84	0.00108

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00096	-129.40	111.02	0.00086
-130.81	109.60	0.00077	-132.23	108.19	0.00070
-134.35	106.07	0.00062	-137.89	102.53	0.00052
-141.42	98.99	0.00045	-148.49	91.92	0.00037
-155.56	84.85	0.00032	-162.63	77.78	0.00028
-169.71	70.71	0.00025	-176.78	63.64	0.00022
-183.85	56.57	0.00020	-190.92	49.50	0.00018
-42.43	183.85	0.00133	-49.50	176.78	0.00155
-56.57	169.71	0.00182	-63.64	162.63	0.00216
-70.71	155.56	0.00256	-77.78	148.49	0.00303
-84.85	141.42	0.00357	-91.92	134.35	0.00407
-95.46	130.81	0.00425	-98.99	127.28	0.00431
-101.12	125.16	0.00427	-102.53	123.74	0.00420
-103.94	122.33	0.00409	-105.36	120.92	0.00393
-106.77	119.50	0.00373	-119.50	106.77	0.00120
-120.92	105.36	0.00105	-122.33	103.94	0.00093
-123.74	102.53	0.00083	-125.16	101.12	0.00076
-127.28	98.99	0.00067	-130.81	95.46	0.00057
-134.35	91.92	0.00050	-141.42	84.85	0.00042
-148.49	77.78	0.00036	-155.56	70.71	0.00032
-162.63	63.64	0.00028	-169.71	56.57	0.00024
-176.78	49.50	0.00022	-183.85	42.43	0.00019
-35.36	176.78	0.00135	-42.43	169.71	0.00159
-49.50	162.63	0.00188	-56.57	155.56	0.00225
-63.64	148.49	0.00271	-70.71	141.42	0.00328
-77.78	134.35	0.00397	-84.85	127.28	0.00474
-88.39	123.74	0.00513	-91.92	120.21	0.00542
-94.05	118.09	0.00552	-95.46	116.67	0.00553
-96.87	115.26	0.00547	-98.29	113.84	0.00535
-99.70	112.43	0.00513	-112.43	99.70	0.00130
-113.84	98.29	0.00113	-115.26	96.87	0.00100
-116.67	95.46	0.00091	-118.09	94.05	0.00083

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

19:46:37
 **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	0.00074	-123.74	88.39	0.00063
-127.28	84.85	0.00056	-134.35	77.78	0.00047

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00040	-148.49	63.64	0.00035
-155.56	56.57	0.00031	-162.63	49.50	0.00027
-169.71	42.43	0.00024	-176.78	35.36	0.00021
-28.28	169.71	0.00136	-35.36	162.63	0.00161
-42.43	155.56	0.00193	-49.50	148.49	0.00233
-56.57	141.42	0.00284	-63.64	134.35	0.00349
-70.71	127.28	0.00431	-77.78	120.21	0.00532
-81.32	116.67	0.00589	-84.85	113.14	0.00645
-86.97	111.02	0.00675	-88.39	109.60	0.00693
-89.80	108.19	0.00709	-91.22	106.77	0.00719
-92.63	105.36	0.00718	-105.36	92.63	0.00141
-106.77	91.22	0.00123	-108.19	89.80	0.00110
-109.60	88.39	0.00100	-111.02	86.97	0.00091
-113.14	84.85	0.00082	-116.67	81.32	0.00071
-120.21	77.78	0.00063	-127.28	70.71	0.00053
-134.35	63.64	0.00046	-141.42	56.57	0.00040
-148.49	49.50	0.00034	-155.56	42.43	0.00030
-162.63	35.36	0.00026	-169.71	28.28	0.00023
-21.21	162.63	0.00137	-28.28	155.56	0.00163
-35.36	148.49	0.00196	-42.43	141.42	0.00239
-49.50	134.35	0.00294	-56.57	127.28	0.00366
-63.64	120.21	0.00460	-70.71	113.14	0.00581
-74.25	109.60	0.00652	-77.78	106.07	0.00727
-79.90	103.94	0.00772	-81.32	102.53	0.00801
-82.73	101.12	0.00829	-84.15	99.70	0.00861
-85.56	98.29	0.00892	-98.29	85.56	0.00163
-99.70	84.15	0.00140	-101.12	82.73	0.00123
-102.53	81.32	0.00111	-103.94	79.90	0.00102
-106.07	77.78	0.00091	-109.60	74.25	0.00079
-113.14	70.71	0.00071	-120.21	63.64	0.00060
-127.28	56.57	0.00051	-134.35	49.50	0.00044
-141.42	42.43	0.00037	-148.49	35.36	0.00032
-155.56	28.28	0.00028	-162.63	21.21	0.00024
-14.14	155.56	0.00137	-21.21	148.49	0.00163
-28.28	141.42	0.00197	-35.36	134.35	0.00241
-42.43	127.28	0.00299	-49.50	120.21	0.00375
-56.57	113.14	0.00476	-63.64	106.07	0.00607
-67.18	102.53	0.00685	-70.71	98.99	0.00770

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

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

19:46:37
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

12NCRA_SR02-300_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	0.00820	-74.25	95.46	0.00853
-75.66	94.05	0.00886	-77.07	92.63	0.00919
-78.49	91.22	0.00957	-91.22	78.49	0.00206
-92.63	77.07	0.00173	-94.05	75.66	0.00151
-95.46	74.25	0.00134	-96.87	72.83	0.00121
-98.99	70.71	0.00106	-102.53	67.18	0.00090
-106.07	63.64	0.00080	-113.14	56.57	0.00065
-120.21	49.50	0.00055	-127.28	42.43	0.00046
-134.35	35.36	0.00039	-141.42	28.28	0.00034
-148.49	21.21	0.00029	-155.56	14.14	0.00025
-7.07	148.49	0.00135	-14.14	141.42	0.00161
-21.21	134.35	0.00194	-28.28	127.28	0.00238
-35.36	120.21	0.00296	-42.43	113.14	0.00372
-49.50	106.07	0.00476	-56.57	98.99	0.00612
-60.10	95.46	0.00693	-63.64	91.92	0.00783
-65.76	89.80	0.00839	-67.18	88.39	0.00877
-68.59	86.97	0.00913	-70.00	85.56	0.00950
-71.42	84.15	0.00993	-84.15	71.42	0.00249
-85.56	70.00	0.00211	-86.97	68.59	0.00184
-88.39	67.18	0.00164	-89.80	65.76	0.00148
-91.92	63.64	0.00130	-95.46	60.10	0.00109
-98.99	56.57	0.00094	-106.07	49.50	0.00074
-113.14	42.43	0.00060	-120.21	35.36	0.00049
-127.28	28.28	0.00041	-134.35	21.21	0.00035
-141.42	14.14	0.00030	-148.49	7.07	0.00026
0.00	141.42	0.00132	-7.07	134.35	0.00157
-14.14	127.28	0.00188	-21.21	120.21	0.00230
-28.28	113.14	0.00285	-35.36	106.07	0.00360
-42.43	98.99	0.00462	-49.50	91.92	0.00599
-53.03	88.39	0.00684	-56.57	84.85	0.00778
-58.69	82.73	0.00838	-60.10	81.32	0.00879
-61.52	79.90	0.00920	-62.93	78.49	0.00961
-64.35	77.07	0.01006	-77.07	64.35	0.00287
-78.49	62.93	0.00246	-79.90	61.52	0.00216
-81.32	60.10	0.00193	-82.73	58.69	0.00175
-84.85	56.57	0.00154	-88.39	53.03	0.00130
-91.92	49.50	0.00111	-98.99	42.43	0.00085
-106.07	35.36	0.00067	-113.14	28.28	0.00053
-120.21	21.21	0.00044	-127.28	14.14	0.00037
-134.35	7.07	0.00031	-141.42	0.00	0.00027

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

*** NCRA Cumulative DPM Impacts

19:46:37

**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	0.00128	0.00	127.28	0.00151
-7.07	120.21	0.00180	-14.14	113.14	0.00219
-21.21	106.07	0.00270	-28.28	98.99	0.00340
-35.36	91.92	0.00436	-42.43	84.85	0.00570
-45.96	81.32	0.00655	-49.50	77.78	0.00752
-51.62	75.66	0.00815	-53.03	74.25	0.00858
-54.45	72.83	0.00903	-55.86	71.42	0.00948
-57.28	70.00	0.00996	-70.00	57.28	0.00316
-71.42	55.86	0.00275	-72.83	54.45	0.00243
-74.25	53.03	0.00219	-75.66	51.62	0.00199
-77.78	49.50	0.00176	-81.32	45.96	0.00148
-84.85	42.43	0.00128	-91.92	35.36	0.00096
-98.99	28.28	0.00074	-106.07	21.21	0.00059
-113.14	14.14	0.00047	-120.21	7.07	0.00039
-127.28	0.00	0.00033	-134.35	-7.07	0.00028
14.14	127.28	0.00123	7.07	120.21	0.00144
0.00	113.14	0.00171	-7.07	106.07	0.00206
-14.14	98.99	0.00251	-21.21	91.92	0.00313
-28.28	84.85	0.00400	-35.36	77.78	0.00524
-38.89	74.25	0.00605	-42.43	70.71	0.00701
-44.55	68.59	0.00765	-45.96	67.18	0.00810
-47.38	65.76	0.00857	-48.79	64.35	0.00905
-50.20	62.93	0.00957	-62.93	50.20	0.00337
-64.35	48.79	0.00297	-65.76	47.38	0.00266
-67.18	45.96	0.00241	-68.59	44.55	0.00221
-70.71	42.43	0.00196	-74.25	38.89	0.00164
-77.78	35.36	0.00140	-84.85	28.28	0.00106
-91.92	21.21	0.00082	-98.99	14.14	0.00064
-106.07	7.07	0.00051	-113.14	0.00	0.00042
-120.21	-7.07	0.00035	-127.28	-14.14	0.00029
21.21	120.21	0.00117	14.14	113.14	0.00137
7.07	106.07	0.00161	0.00	98.99	0.00192
-7.07	91.92	0.00232	-14.14	84.85	0.00285
-21.21	77.78	0.00358	-28.28	70.71	0.00463

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00534	-35.36	63.64	0.00622
-37.48	61.52	0.00683	-38.89	60.10	0.00727
-40.31	58.69	0.00774	-41.72	57.28	0.00825
-43.13	55.86	0.00882	-55.86	43.13	0.00352
-57.28	41.72	0.00313	-58.69	40.31	0.00284
-60.10	38.89	0.00259	-61.52	37.48	0.00238

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
-63.64	35.36	0.00211	-67.18	31.82	0.00176
-70.71	28.28	0.00151	-77.78	21.21	0.00114
-84.85	14.14	0.00089	-91.92	7.07	0.00069
-98.99	0.00	0.00055	-106.07	-7.07	0.00045
-113.14	-14.14	0.00037	-120.21	-21.21	0.00030
28.28	113.14	0.00111	21.21	106.07	0.00128
14.14	98.99	0.00150	7.07	91.92	0.00177
0.00	84.85	0.00212	-7.07	77.78	0.00256
-14.14	70.71	0.00316	-21.21	63.64	0.00397
-24.75	60.10	0.00450	-28.28	56.57	0.00517
-30.41	54.45	0.00566	-31.82	53.03	0.00603
-33.23	51.62	0.00646	-34.65	50.20	0.00695
-36.06	48.79	0.00754	-48.79	36.06	0.00361
-50.20	34.65	0.00325	-51.62	33.23	0.00295
-53.03	31.82	0.00271	-54.45	30.41	0.00249
-56.57	28.28	0.00221	-60.10	24.75	0.00186
-63.64	21.21	0.00159	-70.71	14.14	0.00120
-77.78	7.07	0.00094	-84.85	0.00	0.00073
-91.92	-7.07	0.00058	-98.99	-14.14	0.00047
-106.07	-21.21	0.00038	-113.14	-28.28	0.00032
35.36	106.07	0.00103	28.28	98.99	0.00119
21.21	91.92	0.00138	14.14	84.85	0.00161
7.07	77.78	0.00191	0.00	70.71	0.00228
-7.07	63.64	0.00275	-14.14	56.57	0.00335
-17.68	53.03	0.00372	-21.21	49.50	0.00414
-23.33	47.38	0.00442	-24.75	45.96	0.00464
-26.16	44.55	0.00488	-27.58	43.13	0.00518
-28.99	41.72	0.00558	-41.72	28.99	0.00364

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00329	-44.55	26.16	0.00300
-45.96	24.75	0.00276	-47.38	23.33	0.00255
-49.50	21.21	0.00228	-53.03	17.68	0.00192
-56.57	14.14	0.00163	-63.64	7.07	0.00123
-70.71	0.00	0.00096	-77.78	-7.07	0.00076
-84.85	-14.14	0.00060	-91.92	-21.21	0.00049
-98.99	-28.28	0.00040	-106.07	-35.36	0.00033
42.43	98.99	0.00095	35.36	91.92	0.00108
28.28	84.85	0.00125	21.21	77.78	0.00144
14.14	70.71	0.00168	7.07	63.64	0.00197
0.00	56.57	0.00233	-7.07	49.50	0.00275
-10.61	45.96	0.00298	-14.14	42.43	0.00323

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

19:46:37

**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
-16.26	40.31	0.00338	-17.68	38.89	0.00349
-19.09	37.48	0.00361	-20.51	36.06	0.00373
-21.92	34.65	0.00388	-34.65	21.92	0.00352
-36.06	20.51	0.00323	-37.48	19.09	0.00297
-38.89	17.68	0.00275	-40.31	16.26	0.00255
-42.43	14.14	0.00230	-45.96	10.61	0.00194
-49.50	7.07	0.00166	-56.57	0.00	0.00125
-63.64	-7.07	0.00098	-70.71	-14.14	0.00077
-77.78	-21.21	0.00062	-84.85	-28.28	0.00050
-91.92	-35.36	0.00041	-98.99	-42.43	0.00034
49.50	91.92	0.00087	42.43	84.85	0.00098
35.36	77.78	0.00112	28.28	70.71	0.00128
21.21	63.64	0.00147	14.14	56.57	0.00170
7.07	49.50	0.00197	0.00	42.43	0.00229
-3.54	38.89	0.00246	-7.07	35.36	0.00264
-9.19	33.23	0.00276	-10.61	31.82	0.00284
-12.02	30.41	0.00293	-13.44	28.99	0.00302
-14.85	27.58	0.00310	-27.58	14.85	0.00311
-28.99	13.44	0.00294	-30.41	12.02	0.00277
-31.82	10.61	0.00260	-33.23	9.19	0.00244
-35.36	7.07	0.00223	-38.89	3.54	0.00192
-42.43	0.00	0.00166	-49.50	-7.07	0.00127

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00099	-63.64	-21.21	0.00079
-70.71	-28.28	0.00064	-77.78	-35.36	0.00052
-84.85	-42.43	0.00043	-91.92	-49.50	0.00036
56.57	84.85	0.00079	49.50	77.78	0.00089
42.43	70.71	0.00100	35.36	63.64	0.00114
28.28	56.57	0.00130	21.21	49.50	0.00149
14.14	42.43	0.00171	7.07	35.36	0.00196
3.54	31.82	0.00210	0.00	28.28	0.00224
-2.12	26.16	0.00233	-3.54	24.75	0.00239
-4.95	23.33	0.00244	-6.36	21.92	0.00250
-7.78	20.51	0.00255	-20.51	7.78	0.00268
-21.92	6.36	0.00258	-23.33	4.95	0.00246
-24.75	3.54	0.00234	-26.16	2.12	0.00222
-28.28	0.00	0.00205	-31.82	-3.54	0.00180
-35.36	-7.07	0.00159	-42.43	-14.14	0.00124
-49.50	-21.21	0.00099	-56.57	-28.28	0.00080
-63.64	-35.36	0.00065	-70.71	-42.43	0.00054
-77.78	-49.50	0.00045	-84.85	-56.57	0.00037

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

19:46:37
 **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	0.00072	56.57	70.71	0.00081
49.50	63.64	0.00091	42.43	56.57	0.00102
35.36	49.50	0.00115	28.28	42.43	0.00131
21.21	35.36	0.00150	14.14	28.28	0.00170
10.61	24.75	0.00180	7.07	21.21	0.00191
4.95	19.09	0.00197	3.54	17.68	0.00201
2.12	16.26	0.00204	0.71	14.85	0.00208
-0.71	13.44	0.00212	-13.44	0.71	0.00228
-14.85	-0.71	0.00222	-16.26	-2.12	0.00215
-17.68	-3.54	0.00207	-19.09	-4.95	0.00198
-21.21	-7.07	0.00185	-24.75	-10.61	0.00164
-28.28	-14.14	0.00147	-35.36	-21.21	0.00117
-42.43	-28.28	0.00095	-49.50	-35.36	0.00078
-56.57	-42.43	0.00065	-63.64	-49.50	0.00054
-70.71	-56.57	0.00046	-77.78	-63.64	0.00038
70.71	70.71	0.00066	63.64	63.64	0.00074

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00082	49.50	49.50	0.00092
42.43	42.43	0.00104	35.36	35.36	0.00117
28.28	28.28	0.00132	21.21	21.21	0.00148
17.68	17.68	0.00155	14.14	14.14	0.00163
12.02	12.02	0.00167	10.61	10.61	0.00169
9.19	9.19	0.00172	7.78	7.78	0.00175
6.36	6.36	0.00178	-6.36	-6.36	0.00193
-7.78	-7.78	0.00190	-9.19	-9.19	0.00186
-10.61	-10.61	0.00181	-12.02	-12.02	0.00175
-14.14	-14.14	0.00165	-17.68	-17.68	0.00149
-21.21	-21.21	0.00134	-28.28	-28.28	0.00109
-35.36	-35.36	0.00090	-42.43	-42.43	0.00075
-49.50	-49.50	0.00063	-56.57	-56.57	0.00054
-63.64	-63.64	0.00046	-70.71	-70.71	0.00039
77.78	63.64	0.00061	70.71	56.57	0.00068
63.64	49.50	0.00075	56.57	42.43	0.00084
49.50	35.36	0.00093	42.43	28.28	0.00104
35.36	21.21	0.00116	28.28	14.14	0.00128
24.75	10.61	0.00134	21.21	7.07	0.00139
19.09	4.95	0.00142	17.68	3.54	0.00144
16.26	2.12	0.00146	14.85	0.71	0.00148
13.44	-0.71	0.00150	0.71	-13.44	0.00163
-0.71	-14.85	0.00162	-2.12	-16.26	0.00159
-3.54	-17.68	0.00156	-4.95	-19.09	0.00153

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

19:46:37
 **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	0.00146	-10.61	-24.75	0.00134
-14.14	-28.28	0.00122	-21.21	-35.36	0.00100
-28.28	-42.43	0.00084	-35.36	-49.50	0.00071
-42.43	-56.57	0.00061	-49.50	-63.64	0.00052
-56.57	-70.71	0.00045	-63.64	-77.78	0.00039
84.85	56.57	0.00057	77.78	49.50	0.00062
70.71	42.43	0.00069	63.64	35.36	0.00076
56.57	28.28	0.00084	49.50	21.21	0.00093
42.43	14.14	0.00103	35.36	7.07	0.00112
31.82	3.54	0.00116	28.28	0.00	0.00120

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00122	24.75	-3.54	0.00123
23.33	-4.95	0.00125	21.92	-6.36	0.00127
20.51	-7.78	0.00129	7.78	-20.51	0.00139
6.36	-21.92	0.00138	4.95	-23.33	0.00137
3.54	-24.75	0.00135	2.12	-26.16	0.00133
0.00	-28.28	0.00129	-3.54	-31.82	0.00120
-7.07	-35.36	0.00110	-14.14	-42.43	0.00092
-21.21	-49.50	0.00077	-28.28	-56.57	0.00066
-35.36	-63.64	0.00057	-42.43	-70.71	0.00050
-49.50	-77.78	0.00044	-56.57	-84.85	0.00038
91.92	49.50	0.00053	84.85	42.43	0.00058
77.78	35.36	0.00063	70.71	28.28	0.00069
63.64	21.21	0.00076	56.57	14.14	0.00084
49.50	7.07	0.00091	42.43	0.00	0.00098
38.89	-3.54	0.00101	35.36	-7.07	0.00104
33.23	-9.19	0.00105	31.82	-10.61	0.00107
30.41	-12.02	0.00108	28.99	-13.44	0.00110
27.58	-14.85	0.00111	14.85	-27.58	0.00120
13.44	-28.99	0.00119	12.02	-30.41	0.00119
10.61	-31.82	0.00118	9.19	-33.23	0.00116
7.07	-35.36	0.00113	3.54	-38.89	0.00107
0.00	-42.43	0.00100	-7.07	-49.50	0.00085
-14.14	-56.57	0.00072	-21.21	-63.64	0.00062
-28.28	-70.71	0.00054	-35.36	-77.78	0.00047
-42.43	-84.85	0.00042	-49.50	-91.92	0.00037
98.99	42.43	0.00049	91.92	35.36	0.00053
84.85	28.28	0.00058	77.78	21.21	0.00063
70.71	14.14	0.00069	63.64	7.07	0.00075
56.57	0.00	0.00081	49.50	-7.07	0.00086
45.96	-10.61	0.00088	42.43	-14.14	0.00091

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

19:46:37
 **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	0.00092	38.89	-17.68	0.00093
37.48	-19.09	0.00094	36.06	-20.51	0.00095
34.65	-21.92	0.00097	21.92	-34.65	0.00104
20.51	-36.06	0.00104	19.09	-37.48	0.00103

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00103	16.26	-40.31	0.00102
14.14	-42.43	0.00100	10.61	-45.96	0.00096
7.07	-49.50	0.00090	0.00	-56.57	0.00078
-7.07	-63.64	0.00067	-14.14	-70.71	0.00057
-21.21	-77.78	0.00050	-28.28	-84.85	0.00045
-35.36	-91.92	0.00040	-42.43	-98.99	0.00035
106.07	35.36	0.00045	98.99	28.28	0.00049
91.92	21.21	0.00054	84.85	14.14	0.00058
77.78	7.07	0.00063	70.71	0.00	0.00068
63.64	-7.07	0.00072	56.57	-14.14	0.00076
53.03	-17.68	0.00078	49.50	-21.21	0.00080
47.38	-23.33	0.00081	45.96	-24.75	0.00082
44.55	-26.16	0.00083	43.13	-27.58	0.00084
41.72	-28.99	0.00085	28.99	-41.72	0.00091
27.58	-43.13	0.00091	26.16	-44.55	0.00091
24.75	-45.96	0.00090	23.33	-47.38	0.00090
21.21	-49.50	0.00088	17.68	-53.03	0.00085
14.14	-56.57	0.00081	7.07	-63.64	0.00072
0.00	-70.71	0.00062	-7.07	-77.78	0.00054
-14.14	-84.85	0.00047	-21.21	-91.92	0.00042
-28.28	-98.99	0.00038	-35.36	-106.07	0.00034
113.14	28.28	0.00042	106.07	21.21	0.00046
98.99	14.14	0.00049	91.92	7.07	0.00053
84.85	0.00	0.00058	77.78	-7.07	0.00061
70.71	-14.14	0.00065	63.64	-21.21	0.00068
60.10	-24.75	0.00069	56.57	-28.28	0.00071
54.45	-30.41	0.00072	53.03	-31.82	0.00073
51.62	-33.23	0.00074	50.20	-34.65	0.00074
48.79	-36.06	0.00075	36.06	-48.79	0.00080
34.65	-50.20	0.00080	33.23	-51.62	0.00080
31.82	-53.03	0.00080	30.41	-54.45	0.00079
28.28	-56.57	0.00079	24.75	-60.10	0.00077
21.21	-63.64	0.00074	14.14	-70.71	0.00066
7.07	-77.78	0.00058	0.00	-84.85	0.00050
-7.07	-91.92	0.00044	-14.14	-98.99	0.00039
-21.21	-106.07	0.00035	-28.28	-113.14	0.00032

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

19:46:37
 **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 ***

12NCRA_SR02-300_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	0.00039	113.14	14.14	0.00042
106.07	7.07	0.00046	98.99	0.00	0.00049
91.92	-7.07	0.00053	84.85	-14.14	0.00056
77.78	-21.21	0.00058	70.71	-28.28	0.00061
67.18	-31.82	0.00062	63.64	-35.36	0.00063
61.52	-37.48	0.00064	60.10	-38.89	0.00065
58.69	-40.31	0.00066	57.28	-41.72	0.00066
55.86	-43.13	0.00067	43.13	-55.86	0.00071
41.72	-57.28	0.00071	40.31	-58.69	0.00071
38.89	-60.10	0.00071	37.48	-61.52	0.00071
35.36	-63.64	0.00070	31.82	-67.18	0.00069
28.28	-70.71	0.00067	21.21	-77.78	0.00061
14.14	-84.85	0.00054	7.07	-91.92	0.00047
0.00	-98.99	0.00042	-7.07	-106.07	0.00037
-14.14	-113.14	0.00033	-21.21	-120.21	0.00030
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00042	106.07	-7.07	0.00045
98.99	-14.14	0.00048	91.92	-21.21	0.00051
84.85	-28.28	0.00053	77.78	-35.36	0.00055
74.25	-38.89	0.00056	70.71	-42.43	0.00057
68.59	-44.55	0.00058	67.18	-45.96	0.00058
65.76	-47.38	0.00059	64.35	-48.79	0.00059
62.93	-50.20	0.00060	50.20	-62.93	0.00063
48.79	-64.35	0.00064	47.38	-65.76	0.00064
45.96	-67.18	0.00064	44.55	-68.59	0.00063
42.43	-70.71	0.00063	38.89	-74.25	0.00062
35.36	-77.78	0.00060	28.28	-84.85	0.00056
21.21	-91.92	0.00050	14.14	-98.99	0.00045
7.07	-106.07	0.00039	0.00	-113.14	0.00035
-7.07	-120.21	0.00032	-14.14	-127.28	0.00029
134.35	7.07	0.00035	127.28	0.00	0.00037
120.21	-7.07	0.00039	113.14	-14.14	0.00042
106.07	-21.21	0.00044	98.99	-28.28	0.00046
91.92	-35.36	0.00048	84.85	-42.43	0.00050
81.32	-45.96	0.00051	77.78	-49.50	0.00052
75.66	-51.62	0.00052	74.25	-53.03	0.00053
72.83	-54.45	0.00053	71.42	-55.86	0.00054
70.00	-57.28	0.00054	57.28	-70.00	0.00057
55.86	-71.42	0.00057	54.45	-72.83	0.00057
53.03	-74.25	0.00057	51.62	-75.66	0.00057

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

*** NCRA Cumulative DPM Impacts

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

19:46:37
 **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	-77.78	0.00057	45.96	-81.32	0.00056
42.43	-84.85	0.00055	35.36	-91.92	0.00051
28.28	-98.99	0.00047	21.21	-106.07	0.00042
14.14	-113.14	0.00037	7.07	-120.21	0.00033
0.00	-127.28	0.00030	-7.07	-134.35	0.00027
141.42	0.00	0.00032	134.35	-7.07	0.00035
127.28	-14.14	0.00037	120.21	-21.21	0.00039
113.14	-28.28	0.00041	106.07	-35.36	0.00042
98.99	-42.43	0.00043	91.92	-49.50	0.00045
88.39	-53.03	0.00046	84.85	-56.57	0.00047
82.73	-58.69	0.00047	81.32	-60.10	0.00048
79.90	-61.52	0.00048	78.49	-62.93	0.00049
77.07	-64.35	0.00049	64.35	-77.07	0.00052
62.93	-78.49	0.00052	61.52	-79.90	0.00052
60.10	-81.32	0.00052	58.69	-82.73	0.00052
56.57	-84.85	0.00052	53.03	-88.39	0.00051
49.50	-91.92	0.00050	42.43	-98.99	0.00047
35.36	-106.07	0.00044	28.28	-113.14	0.00039
21.21	-120.21	0.00035	14.14	-127.28	0.00032
7.07	-134.35	0.00028	0.00	-141.42	0.00026
148.49	-7.07	0.00031	141.42	-14.14	0.00032
134.35	-21.21	0.00034	127.28	-28.28	0.00036
120.21	-35.36	0.00037	113.14	-42.43	0.00039
106.07	-49.50	0.00040	98.99	-56.57	0.00041
95.46	-60.10	0.00042	91.92	-63.64	0.00043
89.80	-65.76	0.00043	88.39	-67.18	0.00044
86.97	-68.59	0.00044	85.56	-70.00	0.00044
84.15	-71.42	0.00045	71.42	-84.15	0.00047
70.00	-85.56	0.00047	68.59	-86.97	0.00047
67.18	-88.39	0.00047	65.76	-89.80	0.00047
63.64	-91.92	0.00047	60.10	-95.46	0.00047
56.57	-98.99	0.00046	49.50	-106.07	0.00044
42.43	-113.14	0.00041	35.36	-120.21	0.00037
28.28	-127.28	0.00034	21.21	-134.35	0.00030
14.14	-141.42	0.00027	7.07	-148.49	0.00025
155.56	-14.14	0.00029	148.49	-21.21	0.00030

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00032	134.35	-35.36	0.00033
127.28	-42.43	0.00034	120.21	-49.50	0.00035
113.14	-56.57	0.00037	106.07	-63.64	0.00038
102.53	-67.18	0.00039	98.99	-70.71	0.00039

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
96.87	-72.83	0.00040	95.46	-74.25	0.00040
94.05	-75.66	0.00040	92.63	-77.07	0.00041
91.22	-78.49	0.00041	78.49	-91.22	0.00043
77.07	-92.63	0.00043	75.66	-94.05	0.00043
74.25	-95.46	0.00043	72.83	-96.87	0.00043
70.71	-98.99	0.00043	67.18	-102.53	0.00043
63.64	-106.07	0.00042	56.57	-113.14	0.00040
49.50	-120.21	0.00038	42.43	-127.28	0.00035
35.36	-134.35	0.00032	28.28	-141.42	0.00029
21.21	-148.49	0.00026	14.14	-155.56	0.00024
162.63	-21.21	0.00027	155.56	-28.28	0.00028
148.49	-35.36	0.00030	141.42	-42.43	0.00031
134.35	-49.50	0.00032	127.28	-56.57	0.00033
120.21	-63.64	0.00034	113.14	-70.71	0.00035
109.60	-74.25	0.00036	106.07	-77.78	0.00036
103.94	-79.90	0.00036	102.53	-81.32	0.00037
101.12	-82.73	0.00037	99.70	-84.15	0.00037
98.29	-85.56	0.00037	85.56	-98.29	0.00039
84.15	-99.70	0.00039	82.73	-101.12	0.00039
81.32	-102.53	0.00040	79.90	-103.94	0.00040
77.78	-106.07	0.00040	74.25	-109.60	0.00039
70.71	-113.14	0.00039	63.64	-120.21	0.00038
56.57	-127.28	0.00035	49.50	-134.35	0.00033
42.43	-141.42	0.00030	35.36	-148.49	0.00027
28.28	-155.56	0.00025	21.21	-162.63	0.00023
169.71	-28.28	0.00026	162.63	-35.36	0.00027
155.56	-42.43	0.00028	148.49	-49.50	0.00029
141.42	-56.57	0.00030	134.35	-63.64	0.00030
127.28	-70.71	0.00031	120.21	-77.78	0.00032
116.67	-81.32	0.00033	113.14	-84.85	0.00033

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00034	109.60	-88.39	0.00034
108.19	-89.80	0.00034	106.77	-91.22	0.00034
105.36	-92.63	0.00035	92.63	-105.36	0.00036
91.22	-106.77	0.00036	89.80	-108.19	0.00036
88.39	-109.60	0.00036	86.97	-111.02	0.00036
84.85	-113.14	0.00036	81.32	-116.67	0.00036
77.78	-120.21	0.00036	70.71	-127.28	0.00035
63.64	-134.35	0.00033	56.57	-141.42	0.00031
49.50	-148.49	0.00029	42.43	-155.56	0.00026
35.36	-162.63	0.00024	28.28	-169.71	0.00022

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	0.00024	169.71	-42.43	0.00025
162.63	-49.50	0.00026	155.56	-56.57	0.00027
148.49	-63.64	0.00028	141.42	-70.71	0.00028
134.35	-77.78	0.00029	127.28	-84.85	0.00030
123.74	-88.39	0.00030	120.21	-91.92	0.00031
118.09	-94.05	0.00031	116.67	-95.46	0.00031
115.26	-96.87	0.00032	113.84	-98.29	0.00032
112.43	-99.70	0.00032	99.70	-112.43	0.00033
98.29	-113.84	0.00033	96.87	-115.26	0.00034
95.46	-116.67	0.00034	94.05	-118.09	0.00034
91.92	-120.21	0.00034	88.39	-123.74	0.00034
84.85	-127.28	0.00033	77.78	-134.35	0.00032
70.71	-141.42	0.00031	63.64	-148.49	0.00029
56.57	-155.56	0.00027	49.50	-162.63	0.00025
42.43	-169.71	0.00023	35.36	-176.78	0.00021
183.85	-42.43	0.00023	176.78	-49.50	0.00024
169.71	-56.57	0.00024	162.63	-63.64	0.00025
155.56	-70.71	0.00026	148.49	-77.78	0.00026
141.42	-84.85	0.00027	134.35	-91.92	0.00028
130.81	-95.46	0.00028	127.28	-98.99	0.00029
125.16	-101.12	0.00029	123.74	-102.53	0.00029
122.33	-103.94	0.00029	120.92	-105.36	0.00030
119.50	-106.77	0.00030	106.77	-119.50	0.00031
105.36	-120.92	0.00031	103.94	-122.33	0.00031

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00031	101.12	-125.16	0.00031
98.99	-127.28	0.00031	95.46	-130.81	0.00031
91.92	-134.35	0.00031	84.85	-141.42	0.00030
77.78	-148.49	0.00029	70.71	-155.56	0.00028
63.64	-162.63	0.00026	56.57	-169.71	0.00024
49.50	-176.78	0.00022	42.43	-183.85	0.00020
190.92	-49.50	0.00022	183.85	-56.57	0.00022
176.78	-63.64	0.00023	169.71	-70.71	0.00023
162.63	-77.78	0.00024	155.56	-84.85	0.00025
148.49	-91.92	0.00025	141.42	-98.99	0.00026
137.89	-102.53	0.00026	134.35	-106.07	0.00027
132.23	-108.19	0.00027	130.81	-109.60	0.00027
129.40	-111.02	0.00027	127.99	-112.43	0.00027
126.57	-113.84	0.00028	113.84	-126.57	0.00029
112.43	-127.99	0.00029	111.02	-129.40	0.00029
109.60	-130.81	0.00029	108.19	-132.23	0.00029

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	0.00029	102.53	-137.89	0.00029
98.99	-141.42	0.00029	91.92	-148.49	0.00028
84.85	-155.56	0.00027	77.78	-162.63	0.00026
70.71	-169.71	0.00024	63.64	-176.78	0.00023
56.57	-183.85	0.00021	49.50	-190.92	0.00019
197.99	-56.57	0.00020	190.92	-63.64	0.00021
183.85	-70.71	0.00021	176.78	-77.78	0.00022
169.71	-84.85	0.00023	162.63	-91.92	0.00023
155.56	-98.99	0.00024	148.49	-106.07	0.00024
144.96	-109.60	0.00025	141.42	-113.14	0.00025
139.30	-115.26	0.00025	137.89	-116.67	0.00025
136.47	-118.09	0.00026	135.06	-119.50	0.00026
133.64	-120.92	0.00026	120.92	-133.64	0.00027
119.50	-135.06	0.00027	118.09	-136.47	0.00027
116.67	-137.89	0.00027	115.26	-139.30	0.00027
113.14	-141.42	0.00027	109.60	-144.96	0.00027
106.07	-148.49	0.00027	98.99	-155.56	0.00027
91.92	-162.63	0.00026	84.85	-169.71	0.00025

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00023	70.71	-183.85	0.00022
63.64	-190.92	0.00020	56.57	-197.99	0.00019
205.06	-63.64	0.00019	197.99	-70.71	0.00020
190.92	-77.78	0.00020	183.85	-84.85	0.00021
176.78	-91.92	0.00021	169.71	-98.99	0.00022
162.63	-106.07	0.00022	155.56	-113.14	0.00023
152.03	-116.67	0.00023	148.49	-120.21	0.00023
146.37	-122.33	0.00024	144.96	-123.74	0.00024
143.54	-125.16	0.00024	142.13	-126.57	0.00024
140.71	-127.99	0.00024	127.99	-140.71	0.00025
126.57	-142.13	0.00025	125.16	-143.54	0.00025
123.74	-144.96	0.00025	122.33	-146.37	0.00025
120.21	-148.49	0.00025	116.67	-152.03	0.00025
113.14	-155.56	0.00025	106.07	-162.63	0.00025
98.99	-169.71	0.00024	91.92	-176.78	0.00023
84.85	-183.85	0.00022	77.78	-190.92	0.00021
70.71	-197.99	0.00019	63.64	-205.06	0.00018
212.13	-70.71	0.00018	205.06	-77.78	0.00019
197.99	-84.85	0.00019	190.92	-91.92	0.00019
183.85	-98.99	0.00020	176.78	-106.07	0.00020
169.71	-113.14	0.00021	162.63	-120.21	0.00021
159.10	-123.74	0.00022	155.56	-127.28	0.00022

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

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

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00022	152.03	-130.81	0.00022
150.61	-132.23	0.00022	149.20	-133.64	0.00023
147.79	-135.06	0.00023	135.06	-147.79	0.00023
133.64	-149.20	0.00024	132.23	-150.61	0.00024
130.81	-152.03	0.00024	129.40	-153.44	0.00024
127.28	-155.56	0.00024	123.74	-159.10	0.00024
120.21	-162.63	0.00024	113.14	-169.71	0.00023
106.07	-176.78	0.00023	98.99	-183.85	0.00022
91.92	-190.92	0.00021	84.85	-197.99	0.00020
77.78	-205.06	0.00019	70.71	-212.13	0.00017
219.20	-77.78	0.00017	212.13	-84.85	0.00018
205.06	-91.92	0.00018	197.99	-98.99	0.00018

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00016	226.27	-98.99	0.00016
219.20	-106.07	0.00016	212.13	-113.14	0.00016
205.06	-120.21	0.00017	197.99	-127.28	0.00017
190.92	-134.35	0.00018	183.85	-141.42	0.00018
180.31	-144.96	0.00018	176.78	-148.49	0.00018
174.66	-150.61	0.00019	173.24	-152.03	0.00019

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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
-----	-----	-----	-----	-----	-----

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00018	159.10	-194.45	0.00018
155.56	-197.99	0.00018	148.49	-205.06	0.00018
141.42	-212.13	0.00017	134.35	-219.20	0.00017
127.28	-226.27	0.00017	120.21	-233.35	0.00016
113.14	-240.42	0.00015	106.07	-247.49	0.00014

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

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

19:46:37

**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	0.00133	-113.14	240.42	0.00155
-120.21	233.35	0.00182	-127.28	226.27	0.00216
-134.35	219.20	0.00256	-141.42	212.13	0.00303
-148.49	205.06	0.00357	-155.56	197.99	0.00407
-159.10	194.45	0.00425	-162.63	190.92	0.00431
-164.76	188.80	0.00427	-166.17	187.38	0.00420
-167.58	185.97	0.00409	-169.00	184.55	0.00393
-170.41	183.14	0.00373	-183.14	170.41	0.00120
-184.55	169.00	0.00105	-185.97	167.58	0.00093
-187.38	166.17	0.00083	-188.80	164.76	0.00076
-190.92	162.63	0.00067	-194.45	159.10	0.00057
-197.99	155.56	0.00050	-205.06	148.49	0.00042
-212.13	141.42	0.00036	-219.20	134.35	0.00032
-226.27	127.28	0.00028	-233.35	120.21	0.00024
-240.42	113.14	0.00022	-247.49	106.07	0.00019
-98.99	240.42	0.00135	-106.07	233.35	0.00159
-113.14	226.27	0.00188	-120.21	219.20	0.00225
-127.28	212.13	0.00271	-134.35	205.06	0.00328
-141.42	197.99	0.00397	-148.49	190.92	0.00474
-152.03	187.38	0.00513	-155.56	183.85	0.00542
-157.68	181.73	0.00552	-159.10	180.31	0.00553
-160.51	178.90	0.00547	-161.93	177.48	0.00535
-163.34	176.07	0.00513	-176.07	163.34	0.00130
-177.48	161.93	0.00113	-178.90	160.51	0.00100
-180.31	159.10	0.00091	-181.73	157.68	0.00083
-183.85	155.56	0.00074	-187.38	152.03	0.00063
-190.92	148.49	0.00056	-197.99	141.42	0.00047
-205.06	134.35	0.00040	-212.13	127.28	0.00035
-219.20	120.21	0.00031	-226.27	113.14	0.00027

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00024	-240.42	98.99	0.00021
-91.92	233.35	0.00136	-98.99	226.27	0.00161
-106.07	219.20	0.00193	-113.14	212.13	0.00233
-120.21	205.06	0.00284	-127.28	197.99	0.00349
-134.35	190.92	0.00431	-141.42	183.85	0.00532
-144.96	180.31	0.00589	-148.49	176.78	0.00645
-150.61	174.66	0.00675	-152.03	173.24	0.00693
-153.44	171.83	0.00709	-154.86	170.41	0.00719
-156.27	169.00	0.00718	-169.00	156.27	0.00141
-170.41	154.86	0.00123	-171.83	153.44	0.00110
-173.24	152.03	0.00100	-174.66	150.61	0.00091

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
-176.78	148.49	0.00082	-180.31	144.96	0.00071
-183.85	141.42	0.00063	-190.92	134.35	0.00053
-197.99	127.28	0.00046	-205.06	120.21	0.00040
-212.13	113.14	0.00034	-219.20	106.07	0.00030
-226.27	99.00	0.00026	-233.35	91.92	0.00023
-84.85	226.27	0.00137	-91.92	219.20	0.00163
-98.99	212.13	0.00196	-106.07	205.06	0.00239
-113.14	197.99	0.00294	-120.21	190.92	0.00366
-127.28	183.85	0.00460	-134.35	176.78	0.00581
-137.89	173.24	0.00652	-141.42	169.71	0.00727
-143.54	167.58	0.00772	-144.96	166.17	0.00801
-146.37	164.76	0.00829	-147.79	163.34	0.00861
-149.20	161.93	0.00892	-161.93	149.20	0.00163
-163.34	147.79	0.00140	-164.76	146.37	0.00123
-166.17	144.96	0.00111	-167.58	143.54	0.00102
-169.71	141.42	0.00091	-173.24	137.89	0.00079
-176.78	134.35	0.00071	-183.85	127.28	0.00060
-190.92	120.21	0.00051	-197.99	113.14	0.00044
-205.06	106.07	0.00037	-212.13	99.00	0.00032
-219.20	91.92	0.00028	-226.27	84.85	0.00024
-77.78	219.20	0.00137	-84.85	212.13	0.00163
-91.92	205.06	0.00197	-98.99	197.99	0.00241
-106.07	190.92	0.00299	-113.14	183.85	0.00375

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00476	-127.28	169.71	0.00607
-130.81	166.17	0.00685	-134.35	162.63	0.00770
-136.47	160.51	0.00820	-137.89	159.10	0.00853
-139.30	157.68	0.00886	-140.71	156.27	0.00919
-142.13	154.86	0.00957	-154.86	142.13	0.00206
-156.27	140.71	0.00173	-157.68	139.30	0.00151
-159.10	137.89	0.00134	-160.51	136.47	0.00121
-162.63	134.35	0.00106	-166.17	130.81	0.00090
-169.71	127.28	0.00080	-176.78	120.21	0.00065
-183.85	113.14	0.00055	-190.92	106.07	0.00046
-197.99	99.00	0.00039	-205.06	91.92	0.00034
-212.13	84.85	0.00029	-219.20	77.78	0.00025
-70.71	212.13	0.00135	-77.78	205.06	0.00161
-84.85	197.99	0.00194	-91.92	190.92	0.00238
-98.99	183.85	0.00295	-106.07	176.78	0.00372
-113.14	169.71	0.00476	-120.21	162.63	0.00612
-123.74	159.10	0.00693	-127.28	155.56	0.00783

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
-129.40	153.44	0.00839	-130.81	152.03	0.00877
-132.23	150.61	0.00913	-133.64	149.20	0.00950
-135.06	147.79	0.00993	-147.79	135.06	0.00249
-149.20	133.64	0.00211	-150.61	132.23	0.00184
-152.03	130.81	0.00164	-153.44	129.40	0.00148
-155.56	127.28	0.00130	-159.10	123.74	0.00109
-162.63	120.21	0.00094	-169.71	113.14	0.00074
-176.78	106.07	0.00060	-183.85	98.99	0.00049
-190.92	91.92	0.00041	-197.99	84.85	0.00035
-205.06	77.78	0.00030	-212.13	70.71	0.00026
-63.64	205.06	0.00132	-70.71	197.99	0.00157
-77.78	190.92	0.00188	-84.85	183.85	0.00230
-91.92	176.78	0.00285	-98.99	169.71	0.00360
-106.07	162.63	0.00462	-113.14	155.56	0.00599
-116.67	152.03	0.00684	-120.21	148.49	0.00778
-122.33	146.37	0.00838	-123.74	144.96	0.00879
-125.16	143.54	0.00920	-126.57	142.13	0.00961

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.01006	-140.71	127.99	0.00287
-142.13	126.57	0.00246	-143.54	125.16	0.00216
-144.96	123.74	0.00193	-146.37	122.33	0.00175
-148.49	120.21	0.00154	-152.03	116.67	0.00130
-155.56	113.14	0.00111	-162.63	106.07	0.00085
-169.71	98.99	0.00067	-176.78	91.92	0.00053
-183.85	84.85	0.00044	-190.92	77.78	0.00037
-197.99	70.71	0.00031	-205.06	63.64	0.00027
-56.57	197.99	0.00128	-63.64	190.92	0.00151
-70.71	183.85	0.00180	-77.78	176.78	0.00219
-84.85	169.71	0.00270	-91.92	162.63	0.00340
-98.99	155.56	0.00436	-106.07	148.49	0.00570
-109.60	144.96	0.00655	-113.14	141.42	0.00752
-115.26	139.30	0.00815	-116.67	137.89	0.00858
-118.09	136.47	0.00903	-119.50	135.06	0.00948
-120.92	133.64	0.00996	-133.64	120.92	0.00316
-135.06	119.50	0.00275	-136.47	118.09	0.00243
-137.89	116.67	0.00219	-139.30	115.26	0.00199
-141.42	113.14	0.00176	-144.96	109.60	0.00148
-148.49	106.07	0.00128	-155.56	98.99	0.00096
-162.63	91.92	0.00074	-169.71	84.85	0.00059
-176.78	77.78	0.00047	-183.85	70.71	0.00039
-190.92	63.64	0.00033	-197.99	56.57	0.00028

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

19:46:37
 **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
-49.50	190.92	0.00123	-56.57	183.85	0.00144
-63.64	176.78	0.00171	-70.71	169.71	0.00206
-77.78	162.63	0.00251	-84.85	155.56	0.00313
-91.92	148.49	0.00400	-98.99	141.42	0.00524
-102.53	137.89	0.00605	-106.07	134.35	0.00701
-108.19	132.23	0.00765	-109.60	130.81	0.00810
-111.02	129.40	0.00857	-112.43	127.99	0.00905
-113.84	126.57	0.00957	-126.57	113.84	0.00337
-127.99	112.43	0.00297	-129.40	111.02	0.00266
-130.81	109.60	0.00241	-132.23	108.19	0.00221
-134.35	106.07	0.00196	-137.89	102.53	0.00164

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00140	-148.49	91.92	0.00106
-155.56	84.85	0.00082	-162.63	77.78	0.00064
-169.71	70.71	0.00051	-176.78	63.64	0.00042
-183.85	56.57	0.00035	-190.92	49.50	0.00029
-42.43	183.85	0.00117	-49.50	176.78	0.00137
-56.57	169.71	0.00161	-63.64	162.63	0.00192
-70.71	155.56	0.00232	-77.78	148.49	0.00285
-84.85	141.42	0.00358	-91.92	134.35	0.00463
-95.46	130.81	0.00534	-98.99	127.28	0.00621
-101.12	125.16	0.00683	-102.53	123.74	0.00727
-103.94	122.33	0.00774	-105.36	120.92	0.00825
-106.77	119.50	0.00882	-119.50	106.77	0.00352
-120.92	105.36	0.00313	-122.33	103.94	0.00284
-123.74	102.53	0.00259	-125.16	101.12	0.00238
-127.28	98.99	0.00211	-130.81	95.46	0.00176
-134.35	91.92	0.00151	-141.42	84.85	0.00114
-148.49	77.78	0.00089	-155.56	70.71	0.00069
-162.63	63.64	0.00055	-169.71	56.57	0.00045
-176.78	49.50	0.00037	-183.85	42.43	0.00030
-35.36	176.78	0.00111	-42.43	169.71	0.00128
-49.50	162.63	0.00150	-56.57	155.56	0.00177
-63.64	148.49	0.00212	-70.71	141.42	0.00256
-77.78	134.35	0.00316	-84.85	127.28	0.00397
-88.39	123.74	0.00450	-91.92	120.21	0.00517
-94.05	118.09	0.00566	-95.46	116.67	0.00603
-96.87	115.26	0.00646	-98.29	113.84	0.00695
-99.70	112.43	0.00754	-112.43	99.70	0.00361
-113.84	98.29	0.00325	-115.26	96.87	0.00295
-116.67	95.46	0.00271	-118.09	94.05	0.00249

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

19:46:37
 **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	0.00221	-123.74	88.39	0.00186
-127.28	84.85	0.00159	-134.35	77.78	0.00120
-141.42	70.71	0.00094	-148.49	63.64	0.00073
-155.56	56.57	0.00058	-162.63	49.50	0.00047
-169.71	42.43	0.00038	-176.78	35.36	0.00032

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00103	-35.36	162.63	0.00119
-42.43	155.56	0.00138	-49.50	148.49	0.00161
-56.57	141.42	0.00191	-63.64	134.35	0.00228
-70.71	127.28	0.00275	-77.78	120.21	0.00335
-81.32	116.67	0.00372	-84.85	113.14	0.00414
-86.97	111.02	0.00442	-88.39	109.60	0.00464
-89.80	108.19	0.00488	-91.22	106.77	0.00518
-92.63	105.36	0.00558	-105.36	92.63	0.00364
-106.77	91.22	0.00329	-108.19	89.80	0.00300
-109.60	88.39	0.00276	-111.02	86.97	0.00255
-113.14	84.85	0.00228	-116.67	81.32	0.00192
-120.21	77.78	0.00163	-127.28	70.71	0.00123
-134.35	63.64	0.00096	-141.42	56.57	0.00076
-148.49	49.50	0.00060	-155.56	42.43	0.00049
-162.63	35.36	0.00040	-169.71	28.28	0.00033
-21.21	162.63	0.00095	-28.28	155.56	0.00108
-35.36	148.49	0.00125	-42.43	141.42	0.00144
-49.50	134.35	0.00168	-56.57	127.28	0.00197
-63.64	120.21	0.00233	-70.71	113.14	0.00275
-74.25	109.60	0.00298	-77.78	106.07	0.00323
-79.90	103.94	0.00338	-81.32	102.53	0.00349
-82.73	101.12	0.00361	-84.15	99.70	0.00373
-85.56	98.29	0.00388	-98.29	85.56	0.00352
-99.70	84.15	0.00323	-101.12	82.73	0.00297
-102.53	81.32	0.00275	-103.94	79.90	0.00255
-106.07	77.78	0.00230	-109.60	74.25	0.00194
-113.14	70.71	0.00166	-120.21	63.64	0.00125
-127.28	56.57	0.00098	-134.35	49.50	0.00077
-141.42	42.43	0.00062	-148.49	35.36	0.00050
-155.56	28.28	0.00041	-162.63	21.21	0.00034
-14.14	155.56	0.00087	-21.21	148.49	0.00098
-28.28	141.42	0.00112	-35.36	134.35	0.00128
-42.43	127.28	0.00147	-49.50	120.21	0.00170
-56.57	113.14	0.00197	-63.64	106.07	0.00229
-67.18	102.53	0.00246	-70.71	98.99	0.00264

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:46:37
 **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 **

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00276	-74.25	95.46	0.00284
-75.66	94.05	0.00293	-77.07	92.63	0.00302
-78.49	91.22	0.00310	-91.22	78.49	0.00311
-92.63	77.07	0.00294	-94.05	75.66	0.00277
-95.46	74.25	0.00260	-96.87	72.83	0.00244
-98.99	70.71	0.00223	-102.53	67.18	0.00192
-106.07	63.64	0.00166	-113.14	56.57	0.00127
-120.21	49.50	0.00099	-127.28	42.43	0.00079
-134.35	35.36	0.00064	-141.42	28.28	0.00052
-148.49	21.21	0.00043	-155.56	14.14	0.00036
-7.07	148.49	0.00079	-14.14	141.42	0.00089
-21.21	134.35	0.00100	-28.28	127.28	0.00114
-35.36	120.21	0.00130	-42.43	113.14	0.00149
-49.50	106.07	0.00171	-56.57	98.99	0.00196
-60.10	95.46	0.00210	-63.64	91.92	0.00224
-65.76	89.80	0.00233	-67.18	88.39	0.00239
-68.59	86.97	0.00244	-70.00	85.56	0.00250
-71.42	84.15	0.00255	-84.15	71.42	0.00268
-85.56	70.00	0.00258	-86.97	68.59	0.00246
-88.39	67.18	0.00234	-89.80	65.76	0.00222
-91.92	63.64	0.00205	-95.46	60.10	0.00180
-98.99	56.57	0.00159	-106.07	49.50	0.00124
-113.14	42.43	0.00099	-120.21	35.36	0.00080
-127.28	28.28	0.00065	-134.35	21.21	0.00054
-141.42	14.14	0.00045	-148.49	7.07	0.00037
0.00	141.42	0.00072	-7.07	134.35	0.00081
-14.14	127.28	0.00091	-21.21	120.21	0.00102
-28.28	113.14	0.00115	-35.36	106.07	0.00131
-42.43	98.99	0.00150	-49.50	91.92	0.00170
-53.03	88.39	0.00180	-56.57	84.85	0.00191
-58.69	82.73	0.00197	-60.10	81.32	0.00201
-61.52	79.90	0.00204	-62.93	78.49	0.00208
-64.35	77.07	0.00212	-77.07	64.35	0.00228
-78.49	62.93	0.00222	-79.90	61.52	0.00215
-81.32	60.10	0.00207	-82.73	58.69	0.00198
-84.85	56.57	0.00185	-88.39	53.03	0.00164
-91.92	49.50	0.00147	-98.99	42.43	0.00117
-106.07	35.36	0.00095	-113.14	28.28	0.00078
-120.21	21.21	0.00065	-127.28	14.14	0.00054
-134.35	7.07	0.00046	-141.42	0.00	0.00038

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

*** NCRA Cumulative DPM Impacts

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

19:46:37

**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	0.00066	0.00	127.28	0.00074
-7.07	120.21	0.00082	-14.14	113.14	0.00092
-21.21	106.07	0.00104	-28.28	98.99	0.00117
-35.36	91.92	0.00132	-42.43	84.85	0.00148
-45.96	81.32	0.00155	-49.50	77.78	0.00163
-51.62	75.66	0.00167	-53.03	74.25	0.00169
-54.45	72.83	0.00172	-55.86	71.42	0.00175
-57.28	70.00	0.00178	-70.00	57.28	0.00193
-71.42	55.86	0.00190	-72.83	54.45	0.00186
-74.25	53.03	0.00181	-75.66	51.62	0.00175
-77.78	49.50	0.00165	-81.32	45.96	0.00149
-84.85	42.43	0.00134	-91.92	35.36	0.00109
-98.99	28.28	0.00090	-106.07	21.21	0.00075
-113.14	14.14	0.00063	-120.21	7.07	0.00054
-127.28	0.00	0.00046	-134.35	-7.07	0.00039
14.14	127.28	0.00061	7.07	120.21	0.00068
0.00	113.14	0.00075	-7.07	106.07	0.00084
-14.14	98.99	0.00093	-21.21	91.92	0.00104
-28.28	84.85	0.00116	-35.36	77.78	0.00128
-38.89	74.25	0.00134	-42.43	70.71	0.00139
-44.55	68.59	0.00142	-45.96	67.18	0.00144
-47.38	65.76	0.00146	-48.79	64.35	0.00148
-50.20	62.93	0.00150	-62.93	50.20	0.00163
-64.35	48.79	0.00162	-65.76	47.38	0.00159
-67.18	45.96	0.00156	-68.59	44.55	0.00153
-70.71	42.43	0.00146	-74.25	38.89	0.00134
-77.78	35.36	0.00122	-84.85	28.28	0.00100
-91.92	21.21	0.00084	-98.99	14.14	0.00071
-106.07	7.07	0.00061	-113.14	0.00	0.00052
-120.21	-7.07	0.00045	-127.28	-14.14	0.00039
21.21	120.21	0.00057	14.14	113.14	0.00062
7.07	106.07	0.00069	0.00	98.99	0.00076
-7.07	91.92	0.00084	-14.14	84.85	0.00093
-21.21	77.78	0.00103	-28.28	70.71	0.00112
-31.82	67.18	0.00116	-35.36	63.64	0.00120
-37.48	61.52	0.00122	-38.89	60.10	0.00123
-40.31	58.69	0.00125	-41.72	57.28	0.00127

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00129	-55.86	43.13	0.00139
-57.28	41.72	0.00138	-58.69	40.31	0.00137
-60.10	38.89	0.00135	-61.52	37.48	0.00133

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

19:46:37
 **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	0.00129	-67.18	31.82	0.00120
-70.71	28.28	0.00110	-77.78	21.21	0.00092
-84.85	14.14	0.00077	-91.92	7.07	0.00066
-98.99	0.00	0.00057	-106.07	-7.07	0.00050
-113.14	-14.14	0.00044	-120.21	-21.21	0.00038
28.28	113.14	0.00053	21.21	106.07	0.00058
14.14	98.99	0.00063	7.07	91.92	0.00069
0.00	84.85	0.00076	-7.07	77.78	0.00084
-14.14	70.71	0.00091	-21.21	63.64	0.00098
-24.75	60.10	0.00101	-28.28	56.57	0.00104
-30.41	54.45	0.00105	-31.82	53.03	0.00107
-33.23	51.62	0.00108	-34.65	50.20	0.00110
-36.06	48.79	0.00111	-48.79	36.06	0.00120
-50.20	34.65	0.00119	-51.62	33.23	0.00119
-53.03	31.82	0.00118	-54.45	30.41	0.00116
-56.57	28.28	0.00113	-60.10	24.75	0.00107
-63.64	21.21	0.00100	-70.71	14.14	0.00085
-77.78	7.07	0.00072	-84.85	0.00	0.00062
-91.92	-7.07	0.00054	-98.99	-14.14	0.00047
-106.07	-21.21	0.00042	-113.14	-28.28	0.00037
35.36	106.07	0.00049	28.28	98.99	0.00053
21.21	91.92	0.00058	14.14	84.85	0.00063
7.07	77.78	0.00069	0.00	70.71	0.00075
-7.07	63.64	0.00081	-14.14	56.57	0.00086
-17.68	53.03	0.00088	-21.21	49.50	0.00091
-23.33	47.38	0.00092	-24.75	45.96	0.00093
-26.16	44.55	0.00094	-27.58	43.13	0.00095
-28.99	41.72	0.00097	-41.72	28.99	0.00104
-43.13	27.58	0.00104	-44.55	26.16	0.00103
-45.96	24.75	0.00103	-47.38	23.33	0.00102
-49.50	21.21	0.00100	-53.03	17.68	0.00096

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00090	-63.64	7.07	0.00078
-70.71	0.00	0.00067	-77.78	-7.07	0.00057
-84.85	-14.14	0.00050	-91.92	-21.21	0.00045
-98.99	-28.28	0.00040	-106.07	-35.36	0.00035
42.43	98.99	0.00045	35.36	91.92	0.00049
28.28	84.85	0.00054	21.21	77.78	0.00058
14.14	70.71	0.00063	7.07	63.64	0.00068
0.00	56.57	0.00072	-7.07	49.50	0.00076
-10.61	45.96	0.00078	-14.14	42.43	0.00080

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

19:46:37
 **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	0.00081	-17.68	38.89	0.00082
-19.09	37.48	0.00083	-20.51	36.06	0.00084
-21.92	34.65	0.00085	-34.65	21.92	0.00091
-36.06	20.51	0.00091	-37.48	19.09	0.00091
-38.89	17.68	0.00090	-40.31	16.26	0.00090
-42.43	14.14	0.00088	-45.96	10.61	0.00085
-49.50	7.07	0.00081	-56.57	0.00	0.00072
-63.64	-7.07	0.00062	-70.71	-14.14	0.00054
-77.78	-21.21	0.00047	-84.85	-28.28	0.00042
-91.92	-35.36	0.00038	-98.99	-42.43	0.00034
49.50	91.92	0.00042	42.43	84.85	0.00046
35.36	77.78	0.00049	28.28	70.71	0.00053
21.21	63.64	0.00058	14.14	56.57	0.00061
7.07	49.50	0.00065	0.00	42.43	0.00068
-3.54	38.89	0.00069	-7.07	35.36	0.00071
-9.19	33.23	0.00072	-10.61	31.82	0.00073
-12.02	30.41	0.00074	-13.44	28.99	0.00074
-14.85	27.58	0.00075	-27.58	14.85	0.00080
-28.99	13.44	0.00080	-30.41	12.02	0.00080
-31.82	10.61	0.00080	-33.23	9.19	0.00079
-35.36	7.07	0.00079	-38.89	3.54	0.00077
-42.43	0.00	0.00074	-49.50	-7.07	0.00066
-56.57	-14.14	0.00058	-63.64	-21.21	0.00050
-70.71	-28.28	0.00044	-77.78	-35.36	0.00039
-84.85	-42.43	0.00035	-91.92	-49.50	0.00032

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00039	49.50	77.78	0.00042
42.43	70.71	0.00046	35.36	63.64	0.00049
28.28	56.57	0.00053	21.21	49.50	0.00056
14.14	42.43	0.00058	7.07	35.36	0.00061
3.54	31.82	0.00062	0.00	28.28	0.00063
-2.12	26.16	0.00064	-3.54	24.75	0.00065
-4.95	23.33	0.00066	-6.36	21.92	0.00066
-7.78	20.51	0.00067	-20.51	7.78	0.00071
-21.92	6.36	0.00071	-23.33	4.95	0.00071
-24.75	3.54	0.00071	-26.16	2.12	0.00071
-28.28	0.00	0.00070	-31.82	-3.54	0.00069
-35.36	-7.07	0.00067	-42.43	-14.14	0.00061
-49.50	-21.21	0.00054	-56.57	-28.28	0.00047
-63.64	-35.36	0.00042	-70.71	-42.43	0.00037
-77.78	-49.50	0.00033	-84.85	-56.57	0.00030

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

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

19:46:37
 **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	0.00037	56.57	70.71	0.00040
49.50	63.64	0.00042	42.43	56.57	0.00045
35.36	49.50	0.00048	28.28	42.43	0.00051
21.21	35.36	0.00053	14.14	28.28	0.00055
10.61	24.75	0.00056	7.07	21.21	0.00057
4.95	19.09	0.00058	3.54	17.68	0.00058
2.12	16.26	0.00059	0.71	14.85	0.00059
-0.71	13.44	0.00060	-13.44	0.71	0.00063
-14.85	-0.71	0.00064	-16.26	-2.12	0.00064
-17.68	-3.54	0.00064	-19.09	-4.95	0.00063
-21.21	-7.07	0.00063	-24.75	-10.61	0.00062
-28.28	-14.14	0.00060	-35.36	-21.21	0.00056
-42.43	-28.28	0.00050	-49.50	-35.36	0.00045
-56.57	-42.43	0.00039	-63.64	-49.50	0.00035
-70.71	-56.57	0.00032	-77.78	-63.64	0.00029
70.71	70.71	0.00035	63.64	63.64	0.00037
56.57	56.57	0.00039	49.50	49.50	0.00042
42.43	42.43	0.00044	35.36	35.36	0.00046
28.28	28.28	0.00048	21.21	21.21	0.00050

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00051	14.14	14.14	0.00052
12.02	12.02	0.00052	10.61	10.61	0.00053
9.19	9.19	0.00053	7.78	7.78	0.00054
6.36	6.36	0.00054	-6.36	-6.36	0.00057
-7.78	-7.78	0.00057	-9.19	-9.19	0.00057
-10.61	-10.61	0.00057	-12.02	-12.02	0.00057
-14.14	-14.14	0.00057	-17.68	-17.68	0.00056
-21.21	-21.21	0.00055	-28.28	-28.28	0.00051
-35.36	-35.36	0.00047	-42.43	-42.43	0.00042
-49.50	-49.50	0.00037	-56.57	-56.57	0.00033
-63.64	-63.64	0.00030	-70.71	-70.71	0.00027
77.78	63.64	0.00032	70.71	56.57	0.00035
63.64	49.50	0.00037	56.57	42.43	0.00039
49.50	35.36	0.00041	42.43	28.28	0.00042
35.36	21.21	0.00043	28.28	14.14	0.00045
24.75	10.61	0.00046	21.21	7.07	0.00047
19.09	4.95	0.00047	17.68	3.54	0.00048
16.26	2.12	0.00048	14.85	0.71	0.00049
13.44	-0.71	0.00049	0.71	-13.44	0.00052
-0.71	-14.85	0.00052	-2.12	-16.26	0.00052
-3.54	-17.68	0.00052	-4.95	-19.09	0.00052

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

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

19:46:37

**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	0.00052	-10.61	-24.75	0.00051
-14.14	-28.28	0.00050	-21.21	-35.36	0.00047
-28.28	-42.43	0.00044	-35.36	-49.50	0.00039
-42.43	-56.57	0.00035	-49.50	-63.64	0.00032
-56.57	-70.71	0.00028	-63.64	-77.78	0.00026
84.85	56.57	0.00031	77.78	49.50	0.00032
70.71	42.43	0.00034	63.64	35.36	0.00036
56.57	28.28	0.00037	49.50	21.21	0.00039
42.43	14.14	0.00040	35.36	7.07	0.00041
31.82	3.54	0.00042	28.28	0.00	0.00043
26.16	-2.12	0.00043	24.75	-3.54	0.00044
23.33	-4.95	0.00044	21.92	-6.36	0.00044
20.51	-7.78	0.00045	7.78	-20.51	0.00047

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00047	4.95	-23.33	0.00047
3.54	-24.75	0.00047	2.12	-26.16	0.00047
0.00	-28.28	0.00047	-3.54	-31.82	0.00047
-7.07	-35.36	0.00046	-14.14	-42.43	0.00044
-21.21	-49.50	0.00041	-28.28	-56.57	0.00037
-35.36	-63.64	0.00034	-42.43	-70.71	0.00030
-49.50	-77.78	0.00027	-56.57	-84.85	0.00025
91.92	49.50	0.00029	84.85	42.43	0.00030
77.78	35.36	0.00032	70.71	28.28	0.00033
63.64	21.21	0.00034	56.57	14.14	0.00035
49.50	7.07	0.00037	42.43	0.00	0.00038
38.89	-3.54	0.00039	35.36	-7.07	0.00039
33.23	-9.19	0.00040	31.82	-10.61	0.00040
30.41	-12.02	0.00040	28.99	-13.44	0.00041
27.58	-14.85	0.00041	14.85	-27.58	0.00043
13.44	-28.99	0.00043	12.02	-30.41	0.00043
10.61	-31.82	0.00043	9.19	-33.23	0.00043
7.07	-35.36	0.00043	3.54	-38.89	0.00043
0.00	-42.43	0.00042	-7.07	-49.50	0.00040
-14.14	-56.57	0.00038	-21.21	-63.64	0.00035
-28.28	-70.71	0.00032	-35.36	-77.78	0.00029
-42.43	-84.85	0.00026	-49.50	-91.92	0.00024
98.99	42.43	0.00027	91.92	35.36	0.00028
84.85	28.28	0.00030	77.78	21.21	0.00031
70.71	14.14	0.00032	63.64	7.07	0.00033
56.57	0.00	0.00034	49.50	-7.07	0.00035
45.96	-10.61	0.00036	42.43	-14.14	0.00036

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

19:46:37
 **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	0.00036	38.89	-17.68	0.00037
37.48	-19.09	0.00037	36.06	-20.51	0.00037
34.65	-21.92	0.00037	21.92	-34.65	0.00039
20.51	-36.06	0.00039	19.09	-37.48	0.00039
17.68	-38.89	0.00040	16.26	-40.31	0.00040
14.14	-42.43	0.00040	10.61	-45.96	0.00039
7.07	-49.50	0.00039	0.00	-56.57	0.00038

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00035	-14.14	-70.71	0.00033
-21.21	-77.78	0.00030	-28.28	-84.85	0.00027
-35.36	-91.92	0.00025	-42.43	-98.99	0.00023
106.07	35.36	0.00026	98.99	28.28	0.00027
91.92	21.21	0.00028	84.85	14.14	0.00029
77.78	7.07	0.00030	70.71	0.00	0.00030
63.64	-7.07	0.00031	56.57	-14.14	0.00032
53.03	-17.68	0.00033	49.50	-21.21	0.00033
47.38	-23.33	0.00034	45.96	-24.75	0.00034
44.55	-26.16	0.00034	43.13	-27.58	0.00034
41.72	-28.99	0.00035	28.99	-41.72	0.00036
27.58	-43.13	0.00036	26.16	-44.55	0.00036
24.75	-45.96	0.00036	23.33	-47.38	0.00036
21.21	-49.50	0.00036	17.68	-53.03	0.00036
14.14	-56.57	0.00036	7.07	-63.64	0.00035
0.00	-70.71	0.00033	-7.07	-77.78	0.00031
-14.14	-84.85	0.00029	-21.21	-91.92	0.00026
-28.28	-98.99	0.00024	-35.36	-106.07	0.00022
113.14	28.28	0.00024	106.07	21.21	0.00025
98.99	14.14	0.00026	91.92	7.07	0.00027
84.85	0.00	0.00028	77.78	-7.07	0.00028
70.71	-14.14	0.00029	63.64	-21.21	0.00030
60.10	-24.75	0.00030	56.57	-28.28	0.00031
54.45	-30.41	0.00031	53.03	-31.82	0.00031
51.62	-33.23	0.00032	50.20	-34.65	0.00032
48.79	-36.06	0.00032	36.06	-48.79	0.00033
34.65	-50.20	0.00033	33.23	-51.62	0.00034
31.82	-53.03	0.00034	30.41	-54.45	0.00034
28.28	-56.57	0.00034	24.75	-60.10	0.00034
21.21	-63.64	0.00033	14.14	-70.71	0.00032
7.07	-77.78	0.00031	0.00	-84.85	0.00029
-7.07	-91.92	0.00027	-14.14	-98.99	0.00025
-21.21	-106.07	0.00023	-28.28	-113.14	0.00021

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

19:46:37
 **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	0.00023	113.14	14.14	0.00024

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00024	98.99	0.00	0.00025
91.92	-7.07	0.00026	84.85	-14.14	0.00026
77.78	-21.21	0.00027	70.71	-28.28	0.00028
67.18	-31.82	0.00028	63.64	-35.36	0.00029
61.52	-37.48	0.00029	60.10	-38.89	0.00029
58.69	-40.31	0.00029	57.28	-41.72	0.00030
55.86	-43.13	0.00030	43.13	-55.86	0.00031
41.72	-57.28	0.00031	40.31	-58.69	0.00031
38.89	-60.10	0.00031	37.48	-61.52	0.00031
35.36	-63.64	0.00031	31.82	-67.18	0.00031
28.28	-70.71	0.00031	21.21	-77.78	0.00030
14.14	-84.85	0.00029	7.07	-91.92	0.00028
0.00	-98.99	0.00026	-7.07	-106.07	0.00024
-14.14	-113.14	0.00022	-21.21	-120.21	0.00020
127.28	14.14	0.00022	120.21	7.07	0.00022
113.14	0.00	0.00023	106.07	-7.07	0.00023
98.99	-14.14	0.00024	91.92	-21.21	0.00025
84.85	-28.28	0.00025	77.78	-35.36	0.00026
74.25	-38.89	0.00026	70.71	-42.43	0.00027
68.59	-44.55	0.00027	67.18	-45.96	0.00027
65.76	-47.38	0.00027	64.35	-48.79	0.00027
62.93	-50.20	0.00028	50.20	-62.93	0.00029
48.79	-64.35	0.00029	47.38	-65.76	0.00029
45.96	-67.18	0.00029	44.55	-68.59	0.00029
42.43	-70.71	0.00029	38.89	-74.25	0.00029
35.36	-77.78	0.00029	28.28	-84.85	0.00028
21.21	-91.92	0.00027	14.14	-98.99	0.00026
7.07	-106.07	0.00024	0.00	-113.14	0.00023
-7.07	-120.21	0.00021	-14.14	-127.28	0.00019
134.35	7.07	0.00020	127.28	0.00	0.00021
120.21	-7.07	0.00021	113.14	-14.14	0.00022
106.07	-21.21	0.00023	98.99	-28.28	0.00023
91.92	-35.36	0.00024	84.85	-42.43	0.00024
81.32	-45.96	0.00025	77.78	-49.50	0.00025
75.66	-51.62	0.00025	74.25	-53.03	0.00025
72.83	-54.45	0.00026	71.42	-55.86	0.00026
70.00	-57.28	0.00026	57.28	-70.00	0.00027
55.86	-71.42	0.00027	54.45	-72.83	0.00027
53.03	-74.25	0.00027	51.62	-75.66	0.00027

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

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

19:46:37

**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	0.00027	45.96	-81.32	0.00027
42.43	-84.85	0.00027	35.36	-91.92	0.00027
28.28	-98.99	0.00026	21.21	-106.07	0.00025
14.14	-113.14	0.00023	7.07	-120.21	0.00022
0.00	-127.28	0.00020	-7.07	-134.35	0.00019
141.42	0.00	0.00019	134.35	-7.07	0.00020
127.28	-14.14	0.00020	120.21	-21.21	0.00021
113.14	-28.28	0.00021	106.07	-35.36	0.00022
98.99	-42.43	0.00022	91.92	-49.50	0.00023
88.39	-53.03	0.00023	84.85	-56.57	0.00023
82.73	-58.69	0.00024	81.32	-60.10	0.00024
79.90	-61.52	0.00024	78.49	-62.93	0.00024
77.07	-64.35	0.00024	64.35	-77.07	0.00025
62.93	-78.49	0.00025	61.52	-79.90	0.00025
60.10	-81.32	0.00025	58.69	-82.73	0.00025
56.57	-84.85	0.00025	53.03	-88.39	0.00025
49.50	-91.92	0.00025	42.43	-98.99	0.00025
35.36	-106.07	0.00024	28.28	-113.14	0.00023
21.21	-120.21	0.00022	14.14	-127.28	0.00021
7.07	-134.35	0.00019	0.00	-141.42	0.00018
148.49	-7.07	0.00018	141.42	-14.14	0.00019
134.35	-21.21	0.00019	127.28	-28.28	0.00019
120.21	-35.36	0.00020	113.14	-42.43	0.00020
106.07	-49.50	0.00021	98.99	-56.57	0.00021
95.46	-60.10	0.00022	91.92	-63.64	0.00022
89.80	-65.76	0.00022	88.39	-67.18	0.00022
86.97	-68.59	0.00022	85.56	-70.00	0.00023
84.15	-71.42	0.00023	71.42	-84.15	0.00023
70.00	-85.56	0.00024	68.59	-86.97	0.00024
67.18	-88.39	0.00024	65.76	-89.80	0.00024
63.64	-91.92	0.00024	60.10	-95.46	0.00024
56.57	-98.99	0.00024	49.50	-106.07	0.00023
42.43	-113.14	0.00023	35.36	-120.21	0.00022
28.28	-127.28	0.00021	21.21	-134.35	0.00020
14.14	-141.42	0.00019	7.07	-148.49	0.00017
155.56	-14.14	0.00017	148.49	-21.21	0.00018
141.42	-28.28	0.00018	134.35	-35.36	0.00018
127.28	-42.43	0.00019	120.21	-49.50	0.00019
113.14	-56.57	0.00020	106.07	-63.64	0.00020

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

102.53 -67.18 0.00020 98.99 -70.71 0.00021

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

19:46:37
 **MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00021	95.46	-74.25	0.00021
94.05	-75.66	0.00021	92.63	-77.07	0.00021
91.22	-78.49	0.00021	78.49	-91.22	0.00022
77.07	-92.63	0.00022	75.66	-94.05	0.00022
74.25	-95.46	0.00022	72.83	-96.87	0.00022
70.71	-98.99	0.00022	67.18	-102.53	0.00022
63.64	-106.07	0.00022	56.57	-113.14	0.00022
49.50	-120.21	0.00022	42.43	-127.28	0.00021
35.36	-134.35	0.00020	28.28	-141.42	0.00019
21.21	-148.49	0.00018	14.14	-155.56	0.00017
162.63	-21.21	0.00016	155.56	-28.28	0.00017
148.49	-35.36	0.00017	141.42	-42.43	0.00017
134.35	-49.50	0.00018	127.28	-56.57	0.00018
120.21	-63.64	0.00019	113.14	-70.71	0.00019
109.60	-74.25	0.00019	106.07	-77.78	0.00020
103.94	-79.90	0.00020	102.53	-81.32	0.00020
101.12	-82.73	0.00020	99.70	-84.15	0.00020
98.29	-85.56	0.00020	85.56	-98.29	0.00021
84.15	-99.70	0.00021	82.73	-101.12	0.00021
81.32	-102.53	0.00021	79.90	-103.94	0.00021
77.78	-106.07	0.00021	74.25	-109.60	0.00021
70.71	-113.14	0.00021	63.64	-120.21	0.00021
56.57	-127.28	0.00020	49.50	-134.35	0.00020
42.43	-141.42	0.00019	35.36	-148.49	0.00018
28.28	-155.56	0.00017	21.21	-162.63	0.00016
169.71	-28.28	0.00016	162.63	-35.36	0.00016
155.56	-42.43	0.00016	148.49	-49.50	0.00016
141.42	-56.57	0.00017	134.35	-63.64	0.00017
127.28	-70.71	0.00018	120.21	-77.78	0.00018
116.67	-81.32	0.00018	113.14	-84.85	0.00018
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00019	106.77	-91.22	0.00019
105.36	-92.63	0.00019	92.63	-105.36	0.00020

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00020	89.80	-108.19	0.00020
88.39	-109.60	0.00020	86.97	-111.02	0.00020
84.85	-113.14	0.00020	81.32	-116.67	0.00020
77.78	-120.21	0.00020	70.71	-127.28	0.00020
63.64	-134.35	0.00019	56.57	-141.42	0.00019
49.50	-148.49	0.00018	42.43	-155.56	0.00017
35.36	-162.63	0.00016	28.28	-169.71	0.00015

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

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

19:46:37

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00015	169.71	-42.43	0.00015
162.63	-49.50	0.00015	155.56	-56.57	0.00016
148.49	-63.64	0.00016	141.42	-70.71	0.00016
134.35	-77.78	0.00017	127.28	-84.85	0.00017
123.74	-88.39	0.00017	120.21	-91.92	0.00017
118.09	-94.05	0.00018	116.67	-95.46	0.00018
115.26	-96.87	0.00018	113.84	-98.29	0.00018
112.43	-99.70	0.00018	99.70	-112.43	0.00018
98.29	-113.84	0.00019	96.87	-115.26	0.00019
95.46	-116.67	0.00019	94.05	-118.09	0.00019
91.92	-120.21	0.00019	88.39	-123.74	0.00019
84.85	-127.28	0.00019	77.78	-134.35	0.00019
70.71	-141.42	0.00018	63.64	-148.49	0.00018
56.57	-155.56	0.00017	49.50	-162.63	0.00017
42.43	-169.71	0.00016	35.36	-176.78	0.00015
183.85	-42.43	0.00014	176.78	-49.50	0.00014
169.71	-56.57	0.00015	162.63	-63.64	0.00015
155.56	-70.71	0.00015	148.49	-77.78	0.00016
141.42	-84.85	0.00016	134.35	-91.92	0.00016
130.81	-95.46	0.00016	127.28	-98.99	0.00017
125.16	-101.12	0.00017	123.74	-102.53	0.00017
122.33	-103.94	0.00017	120.92	-105.36	0.00017
119.50	-106.77	0.00017	106.77	-119.50	0.00017
105.36	-120.92	0.00018	103.94	-122.33	0.00018
102.53	-123.74	0.00018	101.12	-125.16	0.00018
98.99	-127.28	0.00018	95.46	-130.81	0.00018
91.92	-134.35	0.00018	84.85	-141.42	0.00018

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00017	70.71	-155.56	0.00017
63.64	-162.63	0.00017	56.57	-169.71	0.00016
49.50	-176.78	0.00015	42.43	-183.85	0.00014
190.92	-49.50	0.00013	183.85	-56.57	0.00014
176.78	-63.64	0.00014	169.71	-70.71	0.00014
162.63	-77.78	0.00014	155.56	-84.85	0.00015
148.49	-91.92	0.00015	141.42	-98.99	0.00015
137.89	-102.53	0.00016	134.35	-106.07	0.00016
132.23	-108.19	0.00016	130.81	-109.60	0.00016
129.40	-111.02	0.00016	127.99	-112.43	0.00016
126.57	-113.84	0.00016	113.84	-126.57	0.00017
112.43	-127.99	0.00017	111.02	-129.40	0.00017
109.60	-130.81	0.00017	108.19	-132.23	0.00017

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

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

19:46:37

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00017	102.53	-137.89	0.00017
98.99	-141.42	0.00017	91.92	-148.49	0.00017
84.85	-155.56	0.00017	77.78	-162.63	0.00016
70.71	-169.71	0.00016	63.64	-176.78	0.00015
56.57	-183.85	0.00015	49.50	-190.92	0.00014
197.99	-56.57	0.00013	190.92	-63.64	0.00013
183.85	-70.71	0.00013	176.78	-77.78	0.00014
169.71	-84.85	0.00014	162.63	-91.92	0.00014
155.56	-98.99	0.00014	148.49	-106.07	0.00015
144.96	-109.60	0.00015	141.42	-113.14	0.00015
139.30	-115.26	0.00015	137.89	-116.67	0.00015
136.47	-118.09	0.00015	135.06	-119.50	0.00015
133.64	-120.92	0.00015	120.92	-133.64	0.00016
119.50	-135.06	0.00016	118.09	-136.47	0.00016
116.67	-137.89	0.00016	115.26	-139.30	0.00016
113.14	-141.42	0.00016	109.60	-144.96	0.00016
106.07	-148.49	0.00016	98.99	-155.56	0.00016
91.92	-162.63	0.00016	84.85	-169.71	0.00015
77.78	-176.78	0.00015	70.71	-183.85	0.00015
63.64	-190.92	0.00014	56.57	-197.99	0.00013
205.06	-63.64	0.00012	197.99	-70.71	0.00012

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:46:37
 **MODELOPTs:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00014	152.03	-130.81	0.00014
150.61	-132.23	0.00014	149.20	-133.64	0.00014
147.79	-135.06	0.00014	135.06	-147.79	0.00014
133.64	-149.20	0.00014	132.23	-150.61	0.00014
130.81	-152.03	0.00014	129.40	-153.44	0.00014
127.28	-155.56	0.00014	123.74	-159.10	0.00014
120.21	-162.63	0.00015	113.14	-169.71	0.00014
106.07	-176.78	0.00014	98.99	-183.85	0.00014
91.92	-190.92	0.00014	84.85	-197.99	0.00013
77.78	-205.06	0.00013	70.71	-212.13	0.00012
219.20	-77.78	0.00011	212.13	-84.85	0.00011
205.06	-91.92	0.00012	197.99	-98.99	0.00012
190.92	-106.07	0.00012	183.85	-113.14	0.00012
176.78	-120.21	0.00012	169.71	-127.28	0.00013
166.17	-130.81	0.00013	162.63	-134.35	0.00013

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00013	159.10	-137.89	0.00013
157.68	-139.30	0.00013	156.27	-140.71	0.00013
154.86	-142.13	0.00013	142.13	-154.86	0.00014
140.71	-156.27	0.00014	139.30	-157.68	0.00014
137.89	-159.10	0.00014	136.47	-160.51	0.00014
134.35	-162.63	0.00014	130.81	-166.17	0.00014
127.28	-169.71	0.00014	120.21	-176.78	0.00014
113.14	-183.85	0.00014	106.07	-190.92	0.00014
98.99	-197.99	0.00013	91.92	-205.06	0.00013
84.85	-212.13	0.00012	77.78	-219.20	0.00012
226.27	-84.85	0.00011	219.20	-91.92	0.00011
212.13	-98.99	0.00011	205.06	-106.07	0.00011
197.99	-113.14	0.00011	190.92	-120.21	0.00012
183.85	-127.28	0.00012	176.78	-134.35	0.00012
173.24	-137.89	0.00012	169.71	-141.42	0.00012
167.58	-143.54	0.00012	166.17	-144.96	0.00013
164.76	-146.37	0.00013	163.34	-147.79	0.00013
161.93	-149.20	0.00013	149.20	-161.93	0.00013
147.79	-163.34	0.00013	146.37	-164.76	0.00013
144.96	-166.17	0.00013	143.54	-167.58	0.00013
141.42	-169.71	0.00013	137.89	-173.24	0.00013
134.35	-176.78	0.00013	127.28	-183.85	0.00013
120.21	-190.92	0.00013	113.14	-197.99	0.00013
106.07	-205.06	0.00013	98.99	-212.13	0.00012
91.92	-219.20	0.00012	84.85	-226.27	0.00012

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

19:46:37
 **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
233.35	-91.92	0.00010	226.27	-98.99	0.00010
219.20	-106.07	0.00011	212.13	-113.14	0.00011
205.06	-120.21	0.00011	197.99	-127.28	0.00011
190.92	-134.35	0.00011	183.85	-141.42	0.00012
180.31	-144.96	0.00012	176.78	-148.49	0.00012
174.66	-150.61	0.00012	173.24	-152.03	0.00012
171.83	-153.44	0.00012	170.41	-154.86	0.00012
169.00	-156.27	0.00012	156.27	-169.00	0.00012
154.86	-170.41	0.00012	153.44	-171.83	0.00012

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:46:37

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00012	159.10	-194.45	0.00012
155.56	-197.99	0.00012	148.49	-205.06	0.00012
141.42	-212.13	0.00012	134.35	-219.20	0.00011

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00011	120.21	-233.35	0.00011
113.14	-240.42	0.00011	106.07	-247.49	0.00010

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

19:46:37
 **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	0.00289	-113.14	240.42	0.00316
-120.21	233.35	0.00346	-127.28	226.27	0.00380
-134.35	219.20	0.00419	-141.42	212.13	0.00463
-148.49	205.06	0.00509	-155.56	197.99	0.00548
-159.10	194.45	0.00560	-162.63	190.92	0.00559
-164.76	188.80	0.00550	-166.17	187.38	0.00540
-167.58	185.97	0.00526	-169.00	184.55	0.00507
-170.41	183.14	0.00483	-183.14	170.41	0.00200
-184.55	169.00	0.00182	-185.97	167.58	0.00167
-187.38	166.17	0.00155	-188.80	164.76	0.00145
-190.92	162.63	0.00133	-194.45	159.10	0.00117
-197.99	155.56	0.00105	-205.06	148.49	0.00088
-212.13	141.42	0.00075	-219.20	134.35	0.00066
-226.27	127.28	0.00058	-233.35	120.21	0.00052
-240.42	113.14	0.00047	-247.49	106.07	0.00042
-98.99	240.42	0.00303	-106.07	233.35	0.00332
-113.14	226.27	0.00366	-120.21	219.20	0.00406
-127.28	212.13	0.00452	-134.35	205.06	0.00506
-141.42	197.99	0.00568	-148.49	190.92	0.00634
-152.03	187.38	0.00665	-155.56	183.85	0.00686
-157.68	181.73	0.00690	-159.10	180.31	0.00687
-160.51	178.90	0.00678	-161.93	177.48	0.00661
-163.34	176.07	0.00636	-176.07	163.34	0.00217
-177.48	161.93	0.00197	-178.90	160.51	0.00181
-180.31	159.10	0.00168	-181.73	157.68	0.00157
-183.85	155.56	0.00144	-187.38	152.03	0.00127
-190.92	148.49	0.00114	-197.99	141.42	0.00095
-205.06	134.35	0.00081	-212.13	127.28	0.00071
-219.20	120.21	0.00063	-226.27	113.14	0.00056
-233.35	106.07	0.00050	-240.42	98.99	0.00045
-91.92	233.35	0.00317	-98.99	226.27	0.00349
-106.07	219.20	0.00387	-113.14	212.13	0.00431

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.01079	-140.71	156.27	0.01106
-142.13	154.86	0.01137	-154.86	142.13	0.00321
-156.27	140.71	0.00283	-157.68	139.30	0.00255
-159.10	137.89	0.00233	-160.51	136.47	0.00215
-162.63	134.35	0.00194	-166.17	130.81	0.00168
-169.71	127.28	0.00149	-176.78	120.21	0.00122
-183.85	113.14	0.00103	-190.92	106.07	0.00089
-197.99	99.00	0.00077	-205.06	91.92	0.00068
-212.13	84.85	0.00060	-219.20	77.78	0.00054
-70.71	212.13	0.00357	-77.78	205.06	0.00397
-84.85	197.99	0.00445	-91.92	190.92	0.00502
-98.99	183.85	0.00572	-106.07	176.78	0.00657
-113.14	169.71	0.00761	-120.21	162.63	0.00888
-123.74	159.10	0.00959	-127.28	155.56	0.01035

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

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

19:46:37

**MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.01081	-130.81	152.03	0.01111
-132.23	150.61	0.01140	-133.64	149.20	0.01168
-135.06	147.79	0.01202	-147.79	135.06	0.00377
-149.20	133.64	0.00332	-150.61	132.23	0.00298
-152.03	130.81	0.00271	-153.44	129.40	0.00250
-155.56	127.28	0.00224	-159.10	123.74	0.00192
-162.63	120.21	0.00168	-169.71	113.14	0.00134
-176.78	106.07	0.00111	-183.85	98.99	0.00095
-190.92	91.92	0.00082	-197.99	84.85	0.00072
-205.06	77.78	0.00063	-212.13	70.71	0.00057
-63.64	205.06	0.00368	-70.71	197.99	0.00410
-77.78	190.92	0.00460	-84.85	183.85	0.00520
-91.92	176.78	0.00593	-98.99	169.71	0.00681
-106.07	162.63	0.00790	-113.14	155.56	0.00923
-116.67	152.03	0.00999	-120.21	148.49	0.01078
-122.33	146.37	0.01126	-123.74	144.96	0.01158
-125.16	143.54	0.01190	-126.57	142.13	0.01220
-127.99	140.71	0.01254	-140.71	127.99	0.00429
-142.13	126.57	0.00379	-143.54	125.16	0.00340
-144.96	123.74	0.00310	-146.37	122.33	0.00285

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00255	-152.03	116.67	0.00218
-155.56	113.14	0.00190	-162.63	106.07	0.00150
-169.71	98.99	0.00122	-176.78	91.92	0.00102
-183.85	84.85	0.00087	-190.92	77.78	0.00076
-197.99	70.71	0.00067	-205.06	63.64	0.00059
-56.57	197.99	0.00378	-63.64	190.92	0.00421
-70.71	183.85	0.00473	-77.78	176.78	0.00535
-84.85	169.71	0.00610	-91.92	162.63	0.00703
-98.99	155.56	0.00816	-106.07	148.49	0.00953
-109.60	144.96	0.01032	-113.14	141.42	0.01115
-115.26	139.30	0.01164	-116.67	137.89	0.01198
-118.09	136.47	0.01230	-119.50	135.06	0.01262
-120.92	133.64	0.01295	-133.64	120.92	0.00474
-135.06	119.50	0.00421	-136.47	118.09	0.00380
-137.89	116.67	0.00346	-139.30	115.26	0.00318
-141.42	113.14	0.00284	-144.96	109.60	0.00243
-148.49	106.07	0.00211	-155.56	98.99	0.00166
-162.63	91.92	0.00134	-169.71	84.85	0.00111
-176.78	77.78	0.00094	-183.85	70.71	0.00081
-190.92	63.64	0.00070	-197.99	56.57	0.00062

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

19:46:37
 **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	0.00386	-56.57	183.85	0.00431
-63.64	176.78	0.00484	-70.71	169.71	0.00548
-77.78	162.63	0.00626	-84.85	155.56	0.00721
-91.92	148.49	0.00837	-98.99	141.42	0.00979
-102.53	137.89	0.01060	-106.07	134.35	0.01145
-108.19	132.23	0.01197	-109.60	130.81	0.01231
-111.02	129.40	0.01264	-112.43	127.99	0.01296
-113.84	126.57	0.01328	-126.57	113.84	0.00512
-127.99	112.43	0.00458	-129.40	111.02	0.00414
-130.81	109.60	0.00379	-132.23	108.19	0.00349
-134.35	106.07	0.00312	-137.89	102.53	0.00266
-141.42	98.99	0.00231	-148.49	91.92	0.00182
-155.56	84.85	0.00147	-162.63	77.78	0.00121
-169.71	70.71	0.00101	-176.78	63.64	0.00086

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00075	-190.92	49.50	0.00065
-42.43	183.85	0.00393	-49.50	176.78	0.00439
-56.57	169.71	0.00494	-63.64	162.63	0.00560
-70.71	155.56	0.00639	-77.78	148.49	0.00737
-84.85	141.42	0.00856	-91.92	134.35	0.01001
-95.46	130.81	0.01084	-98.99	127.28	0.01171
-101.12	125.16	0.01224	-102.53	123.74	0.01258
-103.94	122.33	0.01291	-105.36	120.92	0.01323
-106.77	119.50	0.01357	-119.50	106.77	0.00544
-120.92	105.36	0.00488	-122.33	103.94	0.00444
-123.74	102.53	0.00407	-125.16	101.12	0.00376
-127.28	98.99	0.00337	-130.81	95.46	0.00287
-134.35	91.92	0.00249	-141.42	84.85	0.00196
-148.49	77.78	0.00159	-155.56	70.71	0.00130
-162.63	63.64	0.00109	-169.71	56.57	0.00092
-176.78	49.50	0.00080	-183.85	42.43	0.00069
-35.36	176.78	0.00400	-42.43	169.71	0.00447
-49.50	162.63	0.00503	-56.57	155.56	0.00570
-63.64	148.49	0.00652	-70.71	141.42	0.00751
-77.78	134.35	0.00872	-84.85	127.28	0.01020
-88.39	123.74	0.01105	-91.92	120.21	0.01193
-94.05	118.09	0.01246	-95.46	116.67	0.01281
-96.87	115.26	0.01314	-98.29	113.84	0.01347
-99.70	112.43	0.01380	-112.43	99.70	0.00571
-113.84	98.29	0.00514	-115.26	96.87	0.00469
-116.67	95.46	0.00431	-118.09	94.05	0.00399

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

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

19:46:37

**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
-120.21	91.92	0.00359	-123.74	88.39	0.00306
-127.28	84.85	0.00266	-134.35	77.78	0.00209
-141.42	70.71	0.00169	-148.49	63.64	0.00139
-155.56	56.57	0.00116	-162.63	49.50	0.00098
-169.71	42.43	0.00084	-176.78	35.36	0.00073
-28.28	169.71	0.00405	-35.36	162.63	0.00454
-42.43	155.56	0.00511	-49.50	148.49	0.00579
-56.57	141.42	0.00662	-63.64	134.35	0.00763

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00886	-77.78	120.21	0.01036
-81.32	116.67	0.01121	-84.85	113.14	0.01211
-86.97	111.02	0.01264	-88.39	109.60	0.01299
-89.80	108.19	0.01335	-91.22	106.77	0.01370
-92.63	105.36	0.01404	-105.36	92.63	0.00593
-106.77	91.22	0.00536	-108.19	89.80	0.00490
-109.60	88.39	0.00452	-111.02	86.97	0.00419
-113.14	84.85	0.00378	-116.67	81.32	0.00323
-120.21	77.78	0.00281	-127.28	70.71	0.00221
-134.35	63.64	0.00179	-141.42	56.57	0.00148
-148.49	49.50	0.00123	-155.56	42.43	0.00104
-162.63	35.36	0.00089	-169.71	28.28	0.00078
-21.21	162.63	0.00410	-28.28	155.56	0.00459
-35.36	148.49	0.00517	-42.43	141.42	0.00587
-49.50	134.35	0.00671	-56.57	127.28	0.00773
-63.64	120.21	0.00898	-70.71	113.14	0.01049
-74.25	109.60	0.01135	-77.78	106.07	0.01225
-79.90	103.94	0.01278	-81.32	102.53	0.01313
-82.73	101.12	0.01347	-84.15	99.70	0.01386
-85.56	98.29	0.01426	-98.29	85.56	0.00611
-99.70	84.15	0.00554	-101.12	82.73	0.00507
-102.53	81.32	0.00469	-103.94	79.90	0.00436
-106.07	77.78	0.00394	-109.60	74.25	0.00339
-113.14	70.71	0.00295	-120.21	63.64	0.00232
-127.28	56.57	0.00188	-134.35	49.50	0.00156
-141.42	42.43	0.00130	-148.49	35.36	0.00110
-155.56	28.28	0.00094	-162.63	21.21	0.00082
-14.14	155.56	0.00415	-21.21	148.49	0.00464
-28.28	141.42	0.00523	-35.36	134.35	0.00594
-42.43	127.28	0.00679	-49.50	120.21	0.00783
-56.57	113.14	0.00909	-63.64	106.07	0.01061
-67.18	102.53	0.01147	-70.71	98.99	0.01237

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

19:46:37
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.01291	-74.25	95.46	0.01327
-75.66	94.05	0.01361	-77.07	92.63	0.01397

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01437	-91.22	78.49	0.00623
-92.63	77.07	0.00568	-94.05	75.66	0.00523
-95.46	74.25	0.00485	-96.87	72.83	0.00451
-98.99	70.71	0.00409	-102.53	67.18	0.00352
-106.07	63.64	0.00307	-113.14	56.57	0.00242
-120.21	49.50	0.00196	-127.28	42.43	0.00163
-134.35	35.36	0.00136	-141.42	28.28	0.00116
-148.49	21.21	0.00099	-155.56	14.14	0.00086
-7.07	148.49	0.00419	-14.14	141.42	0.00469
-21.21	134.35	0.00528	-28.28	127.28	0.00600
-35.36	120.21	0.00686	-42.43	113.14	0.00791
-49.50	106.07	0.00918	-56.57	98.99	0.01071
-60.10	95.46	0.01156	-63.64	91.92	0.01247
-65.76	89.80	0.01302	-67.18	88.39	0.01338
-68.59	86.97	0.01373	-70.00	85.56	0.01407
-71.42	84.15	0.01446	-84.15	71.42	0.00636
-85.56	70.00	0.00581	-86.97	68.59	0.00535
-88.39	67.18	0.00497	-89.80	65.76	0.00464
-91.92	63.64	0.00421	-95.46	60.10	0.00364
-98.99	56.57	0.00319	-106.07	49.50	0.00251
-113.14	42.43	0.00204	-120.21	35.36	0.00169
-127.28	28.28	0.00142	-134.35	21.21	0.00121
-141.42	14.14	0.00103	-148.49	7.07	0.00090
0.00	141.42	0.00422	-7.07	134.35	0.00473
-14.14	127.28	0.00533	-21.21	120.21	0.00605
-28.28	113.14	0.00692	-35.36	106.07	0.00797
-42.43	98.99	0.00926	-49.50	91.92	0.01080
-53.03	88.39	0.01166	-56.57	84.85	0.01256
-58.69	82.73	0.01311	-60.10	81.32	0.01347
-61.52	79.90	0.01382	-62.93	78.49	0.01416
-64.35	77.07	0.01454	-77.07	64.35	0.00647
-78.49	62.93	0.00592	-79.90	61.52	0.00546
-81.32	60.10	0.00508	-82.73	58.69	0.00474
-84.85	56.57	0.00432	-88.39	53.03	0.00374
-91.92	49.50	0.00328	-98.99	42.43	0.00260
-106.07	35.36	0.00211	-113.14	28.28	0.00175
-120.21	21.21	0.00147	-127.28	14.14	0.00125
-134.35	7.07	0.00108	-141.42	0.00	0.00093

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

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

19:46:37
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00424	0.00	127.28	0.00476
-7.07	120.21	0.00536	-14.14	113.14	0.00609
-21.21	106.07	0.00697	-28.28	98.99	0.00803
-35.36	91.92	0.00932	-42.43	84.85	0.01086
-45.96	81.32	0.01173	-49.50	77.78	0.01264
-51.62	75.66	0.01318	-53.03	74.25	0.01354
-54.45	72.83	0.01389	-55.86	71.42	0.01424
-57.28	70.00	0.01461	-70.00	57.28	0.00656
-71.42	55.86	0.00601	-72.83	54.45	0.00555
-74.25	53.03	0.00517	-75.66	51.62	0.00483
-77.78	49.50	0.00441	-81.32	45.96	0.00383
-84.85	42.43	0.00337	-91.92	35.36	0.00267
-98.99	28.28	0.00217	-106.07	21.21	0.00180
-113.14	14.14	0.00152	-120.21	7.07	0.00129
-127.28	0.00	0.00111	-134.35	-7.07	0.00097
14.14	127.28	0.00426	7.07	120.21	0.00478
0.00	113.14	0.00539	-7.07	106.07	0.00613
-14.14	98.99	0.00701	-21.21	91.92	0.00808
-28.28	84.85	0.00937	-35.36	77.78	0.01092
-38.89	74.25	0.01179	-42.43	70.71	0.01270
-44.55	68.59	0.01325	-45.96	67.18	0.01361
-47.38	65.76	0.01396	-48.79	64.35	0.01431
-50.20	62.93	0.01466	-62.93	50.20	0.00665
-64.35	48.79	0.00609	-65.76	47.38	0.00563
-67.18	45.96	0.00525	-68.59	44.55	0.00491
-70.71	42.43	0.00449	-74.25	38.89	0.00391
-77.78	35.36	0.00344	-84.85	28.28	0.00274
-91.92	21.21	0.00223	-98.99	14.14	0.00185
-106.07	7.07	0.00156	-113.14	0.00	0.00133
-120.21	-7.07	0.00115	-127.28	-14.14	0.00100
21.21	120.21	0.00428	14.14	113.14	0.00480
7.07	106.07	0.00542	0.00	98.99	0.00616
-7.07	91.92	0.00704	-14.14	84.85	0.00812
-21.21	77.78	0.00942	-28.28	70.71	0.01097
-31.82	67.18	0.01184	-35.36	63.64	0.01276
-37.48	61.52	0.01331	-38.89	60.10	0.01367
-40.31	58.69	0.01402	-41.72	57.28	0.01436
-43.13	55.86	0.01472	-55.86	43.13	0.00672
-57.28	41.72	0.00616	-58.69	40.31	0.00570
-60.10	38.89	0.00532	-61.52	37.48	0.00498

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

*** NCRA Cumulative DPM Impacts

19:46:37

**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: 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	0.00455	-67.18	31.82	0.00397
-70.71	28.28	0.00351	-77.78	21.21	0.00280
-84.85	14.14	0.00229	-91.92	7.07	0.00190
-98.99	0.00	0.00160	-106.07	-7.07	0.00137
-113.14	-14.14	0.00118	-120.21	-21.21	0.00103
28.28	113.14	0.00429	21.21	106.07	0.00481
14.14	98.99	0.00544	7.07	91.92	0.00618
0.00	84.85	0.00707	-7.07	77.78	0.00815
-14.14	70.71	0.00945	-21.21	63.64	0.01100
-24.75	60.10	0.01189	-28.28	56.57	0.01281
-30.41	54.45	0.01336	-31.82	53.03	0.01373
-33.23	51.62	0.01408	-34.65	50.20	0.01442
-36.06	48.79	0.01477	-48.79	36.06	0.00678
-50.20	34.65	0.00622	-51.62	33.23	0.00576
-53.03	31.82	0.00538	-54.45	30.41	0.00504
-56.57	28.28	0.00461	-60.10	24.75	0.00403
-63.64	21.21	0.00357	-70.71	14.14	0.00286
-77.78	7.07	0.00234	-84.85	0.00	0.00194
-91.92	-7.07	0.00164	-98.99	-14.14	0.00140
-106.07	-21.21	0.00121	-113.14	-28.28	0.00106
35.36	106.07	0.00429	28.28	98.99	0.00482
21.21	91.92	0.00545	14.14	84.85	0.00619
7.07	77.78	0.00709	0.00	70.71	0.00817
-7.07	63.64	0.00947	-14.14	56.57	0.01103
-17.68	53.03	0.01192	-21.21	49.50	0.01284
-23.33	47.38	0.01339	-24.75	45.96	0.01376
-26.16	44.55	0.01413	-27.58	43.13	0.01450
-28.99	41.72	0.01486	-41.72	28.99	0.00684
-43.13	27.58	0.00627	-44.55	26.16	0.00581
-45.96	24.75	0.00543	-47.38	23.33	0.00509
-49.50	21.21	0.00467	-53.03	17.68	0.00408
-56.57	14.14	0.00362	-63.64	7.07	0.00290
-70.71	0.00	0.00238	-77.78	-7.07	0.00198
-84.85	-14.14	0.00167	-91.92	-21.21	0.00143

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00124	-106.07	-35.36	0.00108
42.43	98.99	0.00429	35.36	91.92	0.00482
28.28	84.85	0.00545	21.21	77.78	0.00620
14.14	70.71	0.00710	7.07	63.64	0.00819
0.00	56.57	0.00949	-7.07	49.50	0.01106
-10.61	45.96	0.01194	-14.14	42.43	0.01287

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

19:46:37

**MODELOPTs:

PAGE 131

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01342	-17.68	38.89	0.01378
-19.09	37.48	0.01413	-20.51	36.06	0.01453
-21.92	34.65	0.01494	-34.65	21.92	0.00688
-36.06	20.51	0.00632	-37.48	19.09	0.00585
-38.89	17.68	0.00547	-40.31	16.26	0.00514
-42.43	14.14	0.00471	-45.96	10.61	0.00413
-49.50	7.07	0.00366	-56.57	0.00	0.00295
-63.64	-7.07	0.00242	-70.71	-14.14	0.00202
-77.78	-21.21	0.00171	-84.85	-28.28	0.00146
-91.92	-35.36	0.00127	-98.99	-42.43	0.00111
49.50	91.92	0.00429	42.43	84.85	0.00482
35.36	77.78	0.00545	28.28	70.71	0.00621
21.21	63.64	0.00711	14.14	56.57	0.00820
7.07	49.50	0.00951	0.00	42.43	0.01107
-3.54	38.89	0.01196	-7.07	35.36	0.01289
-9.19	33.23	0.01345	-10.61	31.82	0.01381
-12.02	30.41	0.01416	-13.44	28.99	0.01454
-14.85	27.58	0.01495	-27.58	14.85	0.00689
-28.99	13.44	0.00635	-30.41	12.02	0.00590
-31.82	10.61	0.00551	-33.23	9.19	0.00518
-35.36	7.07	0.00475	-38.89	3.54	0.00417
-42.43	0.00	0.00370	-49.50	-7.07	0.00299
-56.57	-14.14	0.00246	-63.64	-21.21	0.00205
-70.71	-28.28	0.00174	-77.78	-35.36	0.00149
-84.85	-42.43	0.00129	-91.92	-49.50	0.00113
56.57	84.85	0.00427	49.50	77.78	0.00481
42.43	70.71	0.00545	35.36	63.64	0.00620
28.28	56.57	0.00711	21.21	49.50	0.00820

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00952	7.07	35.36	0.01109
3.54	31.82	0.01196	0.00	28.28	0.01290
-2.12	26.16	0.01346	-3.54	24.75	0.01383
-4.95	23.33	0.01419	-6.36	21.92	0.01454
-7.78	20.51	0.01494	-20.51	7.78	0.00692
-21.92	6.36	0.00637	-23.33	4.95	0.00592
-24.75	3.54	0.00554	-26.16	2.12	0.00521
-28.28	0.00	0.00478	-31.82	-3.54	0.00420
-35.36	-7.07	0.00374	-42.43	-14.14	0.00302
-49.50	-21.21	0.00249	-56.57	-28.28	0.00208
-63.64	-35.36	0.00177	-70.71	-42.43	0.00151
-77.78	-49.50	0.00131	-84.85	-56.57	0.00115

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

19:46:37

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00426	56.57	70.71	0.00480
49.50	63.64	0.00543	42.43	56.57	0.00619
35.36	49.50	0.00710	28.28	42.43	0.00820
21.21	35.36	0.00951	14.14	28.28	0.01110
10.61	24.75	0.01198	7.07	21.21	0.01290
4.95	19.09	0.01347	3.54	17.68	0.01384
2.12	16.26	0.01420	0.71	14.85	0.01455
-0.71	13.44	0.01494	-13.44	0.71	0.00695
-14.85	-0.71	0.00640	-16.26	-2.12	0.00595
-17.68	-3.54	0.00556	-19.09	-4.95	0.00523
-21.21	-7.07	0.00481	-24.75	-10.61	0.00423
-28.28	-14.14	0.00377	-35.36	-21.21	0.00305
-42.43	-28.28	0.00252	-49.50	-35.36	0.00211
-56.57	-42.43	0.00179	-63.64	-49.50	0.00154
-70.71	-56.57	0.00134	-77.78	-63.64	0.00117
70.71	70.71	0.00424	63.64	63.64	0.00478
56.57	56.57	0.00542	49.50	49.50	0.00618
42.43	42.43	0.00709	35.36	35.36	0.00819
28.28	28.28	0.00951	21.21	21.21	0.01109
17.68	17.68	0.01198	14.14	14.14	0.01291
12.02	12.02	0.01347	10.61	10.61	0.01384
9.19	9.19	0.01420	7.78	7.78	0.01455

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01493	-6.36	-6.36	0.00697
-7.78	-7.78	0.00641	-9.19	-9.19	0.00597
-10.61	-10.61	0.00558	-12.02	-12.02	0.00525
-14.14	-14.14	0.00483	-17.68	-17.68	0.00425
-21.21	-21.21	0.00379	-28.28	-28.28	0.00308
-35.36	-35.36	0.00254	-42.43	-42.43	0.00213
-49.50	-49.50	0.00181	-56.57	-56.57	0.00156
-63.64	-63.64	0.00136	-70.71	-70.71	0.00119
77.78	63.64	0.00421	70.71	56.57	0.00475
63.64	49.50	0.00539	56.57	42.43	0.00615
49.50	35.36	0.00707	42.43	28.28	0.00817
35.36	21.21	0.00950	28.28	14.14	0.01109
24.75	10.61	0.01198	21.21	7.07	0.01291
19.09	4.95	0.01347	17.68	3.54	0.01384
16.26	2.12	0.01420	14.85	0.71	0.01456
13.44	-0.71	0.01492	0.71	-13.44	0.00698
-0.71	-14.85	0.00643	-2.12	-16.26	0.00598
-3.54	-17.68	0.00560	-4.95	-19.09	0.00527

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

19:46:37
 **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
-7.07	-21.21	0.00485	-10.61	-24.75	0.00427
-14.14	-28.28	0.00381	-21.21	-35.36	0.00310
-28.28	-42.43	0.00257	-35.36	-49.50	0.00216
-42.43	-56.57	0.00184	-49.50	-63.64	0.00158
-56.57	-70.71	0.00138	-63.64	-77.78	0.00121
84.85	56.57	0.00418	77.78	49.50	0.00472
70.71	42.43	0.00536	63.64	35.36	0.00612
56.57	28.28	0.00704	49.50	21.21	0.00814
42.43	14.14	0.00947	35.36	7.07	0.01107
31.82	3.54	0.01196	28.28	0.00	0.01290
26.16	-2.12	0.01347	24.75	-3.54	0.01384
23.33	-4.95	0.01420	21.92	-6.36	0.01455
20.51	-7.78	0.01491	7.78	-20.51	0.00699
6.36	-21.92	0.00644	4.95	-23.33	0.00599
3.54	-24.75	0.00561	2.12	-26.16	0.00528
0.00	-28.28	0.00486	-3.54	-31.82	0.00429

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00383	-14.14	-42.43	0.00311
-21.21	-49.50	0.00259	-28.28	-56.57	0.00218
-35.36	-63.64	0.00186	-42.43	-70.71	0.00160
-49.50	-77.78	0.00139	-56.57	-84.85	0.00122
91.92	49.50	0.00414	84.85	42.43	0.00468
77.78	35.36	0.00532	70.71	28.28	0.00608
63.64	21.21	0.00700	56.57	14.14	0.00811
49.50	7.07	0.00944	42.43	0.00	0.01104
38.89	-3.54	0.01195	35.36	-7.07	0.01289
33.23	-9.19	0.01346	31.82	-10.61	0.01383
30.41	-12.02	0.01419	28.99	-13.44	0.01454
27.58	-14.85	0.01490	14.85	-27.58	0.00700
13.44	-28.99	0.00644	12.02	-30.41	0.00599
10.61	-31.82	0.00562	9.19	-33.23	0.00529
7.07	-35.36	0.00487	3.54	-38.89	0.00430
0.00	-42.43	0.00384	-7.07	-49.50	0.00313
-14.14	-56.57	0.00260	-21.21	-63.64	0.00220
-28.28	-70.71	0.00187	-35.36	-77.78	0.00162
-42.43	-84.85	0.00141	-49.50	-91.92	0.00124
98.99	42.43	0.00409	91.92	35.36	0.00463
84.85	28.28	0.00527	77.78	21.21	0.00604
70.71	14.14	0.00696	63.64	7.07	0.00807
56.57	0.00	0.00940	49.50	-7.07	0.01100
45.96	-10.61	0.01191	42.43	-14.14	0.01286

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

19:46:37
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.01343	38.89	-17.68	0.01380
37.48	-19.09	0.01419	36.06	-20.51	0.01457
34.65	-21.92	0.01493	21.92	-34.65	0.00700
20.51	-36.06	0.00644	19.09	-37.48	0.00599
17.68	-38.89	0.00562	16.26	-40.31	0.00529
14.14	-42.43	0.00487	10.61	-45.96	0.00430
7.07	-49.50	0.00385	0.00	-56.57	0.00314
-7.07	-63.64	0.00262	-14.14	-70.71	0.00221
-21.21	-77.78	0.00189	-28.28	-84.85	0.00163
-35.36	-91.92	0.00142	-42.43	-98.99	0.00125

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00404	98.99	28.28	0.00458
91.92	21.21	0.00522	84.85	14.14	0.00598
77.78	7.07	0.00690	70.71	0.00	0.00801
63.64	-7.07	0.00936	56.57	-14.14	0.01096
53.03	-17.68	0.01187	49.50	-21.21	0.01282
47.38	-23.33	0.01339	45.96	-24.75	0.01377
44.55	-26.16	0.01413	43.13	-27.58	0.01454
41.72	-28.99	0.01496	28.99	-41.72	0.00700
27.58	-43.13	0.00644	26.16	-44.55	0.00599
24.75	-45.96	0.00561	23.33	-47.38	0.00529
21.21	-49.50	0.00487	17.68	-53.03	0.00431
14.14	-56.57	0.00385	7.07	-63.64	0.00315
0.00	-70.71	0.00263	-7.07	-77.78	0.00222
-14.14	-84.85	0.00190	-21.21	-91.92	0.00165
-28.28	-98.99	0.00144	-35.36	-106.07	0.00126
113.14	28.28	0.00398	106.07	21.21	0.00451
98.99	14.14	0.00515	91.92	7.07	0.00591
84.85	0.00	0.00684	77.78	-7.07	0.00795
70.71	-14.14	0.00930	63.64	-21.21	0.01091
60.10	-24.75	0.01182	56.57	-28.28	0.01278
54.45	-30.41	0.01336	53.03	-31.82	0.01373
51.62	-33.23	0.01410	50.20	-34.65	0.01449
48.79	-36.06	0.01491	36.06	-48.79	0.00696
34.65	-50.20	0.00643	33.23	-51.62	0.00599
31.82	-53.03	0.00561	30.41	-54.45	0.00529
28.28	-56.57	0.00487	24.75	-60.10	0.00431
21.21	-63.64	0.00385	14.14	-70.71	0.00316
7.07	-77.78	0.00264	0.00	-84.85	0.00224
-7.07	-91.92	0.00192	-14.14	-98.99	0.00166
-21.21	-106.07	0.00145	-28.28	-113.14	0.00127

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

19:46:37
 **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
120.21	21.21	0.00391	113.14	14.14	0.00444
106.07	7.07	0.00507	98.99	0.00	0.00584
91.92	-7.07	0.00676	84.85	-14.14	0.00788
77.78	-21.21	0.00923	70.71	-28.28	0.01086

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.01176	63.64	-35.36	0.01273
61.52	-37.48	0.01331	60.10	-38.89	0.01369
58.69	-40.31	0.01406	57.28	-41.72	0.01442
55.86	-43.13	0.01485	43.13	-55.86	0.00694
41.72	-57.28	0.00640	40.31	-58.69	0.00597
38.89	-60.10	0.00560	37.48	-61.52	0.00527
35.36	-63.64	0.00486	31.82	-67.18	0.00430
28.28	-70.71	0.00385	21.21	-77.78	0.00316
14.14	-84.85	0.00265	7.07	-91.92	0.00225
0.00	-98.99	0.00193	-7.07	-106.07	0.00167
-14.14	-113.14	0.00146	-21.21	-120.21	0.00128
127.28	14.14	0.00384	120.21	7.07	0.00436
113.14	0.00	0.00499	106.07	-7.07	0.00575
98.99	-14.14	0.00667	91.92	-21.21	0.00779
84.85	-28.28	0.00915	77.78	-35.36	0.01078
74.25	-38.89	0.01170	70.71	-42.43	0.01266
68.59	-44.55	0.01324	67.18	-45.96	0.01363
65.76	-47.38	0.01401	64.35	-48.79	0.01437
62.93	-50.20	0.01478	50.20	-62.93	0.00692
48.79	-64.35	0.00638	47.38	-65.76	0.00595
45.96	-67.18	0.00558	44.55	-68.59	0.00526
42.43	-70.71	0.00485	38.89	-74.25	0.00429
35.36	-77.78	0.00385	28.28	-84.85	0.00316
21.21	-91.92	0.00265	14.14	-98.99	0.00225
7.07	-106.07	0.00194	0.00	-113.14	0.00168
-7.07	-120.21	0.00146	-14.14	-127.28	0.00129
134.35	7.07	0.00375	127.28	0.00	0.00427
120.21	-7.07	0.00489	113.14	-14.14	0.00564
106.07	-21.21	0.00656	98.99	-28.28	0.00768
91.92	-35.36	0.00905	84.85	-42.43	0.01069
81.32	-45.96	0.01161	77.78	-49.50	0.01258
75.66	-51.62	0.01316	74.25	-53.03	0.01355
72.83	-54.45	0.01393	71.42	-55.86	0.01430
70.00	-57.28	0.01470	57.28	-70.00	0.00689
55.86	-71.42	0.00635	54.45	-72.83	0.00592
53.03	-74.25	0.00555	51.62	-75.66	0.00523

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

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

19:46:37

**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 ***

12NCRA_SR02-300_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	0.00483	45.96	-81.32	0.00428
42.43	-84.85	0.00384	35.36	-91.92	0.00316
28.28	-98.99	0.00265	21.21	-106.07	0.00226
14.14	-113.14	0.00194	7.07	-120.21	0.00168
0.00	-127.28	0.00147	-7.07	-134.35	0.00129
141.42	0.00	0.00366	134.35	-7.07	0.00416
127.28	-14.14	0.00478	120.21	-21.21	0.00552
113.14	-28.28	0.00644	106.07	-35.36	0.00756
98.99	-42.43	0.00893	91.92	-49.50	0.01058
88.39	-53.03	0.01151	84.85	-56.57	0.01249
82.73	-58.69	0.01308	81.32	-60.10	0.01346
79.90	-61.52	0.01385	78.49	-62.93	0.01422
77.07	-64.35	0.01461	64.35	-77.07	0.00685
62.93	-78.49	0.00632	61.52	-79.90	0.00589
60.10	-81.32	0.00552	58.69	-82.73	0.00521
56.57	-84.85	0.00480	53.03	-88.39	0.00426
49.50	-91.92	0.00383	42.43	-98.99	0.00316
35.36	-106.07	0.00266	28.28	-113.14	0.00226
21.21	-120.21	0.00195	14.14	-127.28	0.00169
7.07	-134.35	0.00147	0.00	-141.42	0.00130
148.49	-7.07	0.00355	141.42	-14.14	0.00405
134.35	-21.21	0.00465	127.28	-28.28	0.00539
120.21	-35.36	0.00629	113.14	-42.43	0.00741
106.07	-49.50	0.00878	98.99	-56.57	0.01044
95.46	-60.10	0.01138	91.92	-63.64	0.01237
89.80	-65.76	0.01297	88.39	-67.18	0.01336
86.97	-68.59	0.01375	85.56	-70.00	0.01412
84.15	-71.42	0.01451	71.42	-84.15	0.00681
70.00	-85.56	0.00627	68.59	-86.97	0.00585
67.18	-88.39	0.00549	65.76	-89.80	0.00517
63.64	-91.92	0.00478	60.10	-95.46	0.00424
56.57	-98.99	0.00381	49.50	-106.07	0.00315
42.43	-113.14	0.00265	35.36	-120.21	0.00226
28.28	-127.28	0.00195	21.21	-134.35	0.00169
14.14	-141.42	0.00148	7.07	-148.49	0.00130
155.56	-14.14	0.00344	148.49	-21.21	0.00392
141.42	-28.28	0.00451	134.35	-35.36	0.00524
127.28	-42.43	0.00613	120.21	-49.50	0.00723
113.14	-56.57	0.00860	106.07	-63.64	0.01027
102.53	-67.18	0.01123	98.99	-70.71	0.01223

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	0.01284	95.46	-74.25	0.01324	
94.05	-75.66	0.01363	92.63	-77.07	0.01401	
91.22	-78.49	0.01440	78.49	-91.22	0.00676	
77.07	-92.63	0.00622	75.66	-94.05	0.00580	
74.25	-95.46	0.00544	72.83	-96.87	0.00514	
70.71	-98.99	0.00474	67.18	-102.53	0.00421	
63.64	-106.07	0.00379	56.57	-113.14	0.00314	
49.50	-120.21	0.00265	42.43	-127.28	0.00226	
35.36	-134.35	0.00195	28.28	-141.42	0.00169	
21.21	-148.49	0.00147	14.14	-155.56	0.00130	
162.63	-21.21	0.00332	155.56	-28.28	0.00379	
148.49	-35.36	0.00436	141.42	-42.43	0.00506	
134.35	-49.50	0.00594	127.28	-56.57	0.00703	
120.21	-63.64	0.00839	113.14	-70.71	0.01007	
109.60	-74.25	0.01103	106.07	-77.78	0.01205	
103.94	-79.90	0.01266	102.53	-81.32	0.01307	
101.12	-82.73	0.01348	99.70	-84.15	0.01390	
98.29	-85.56	0.01430	85.56	-98.29	0.00669	
84.15	-99.70	0.00616	82.73	-101.12	0.00574	
81.32	-102.53	0.00539	79.90	-103.94	0.00509	
77.78	-106.07	0.00470	74.25	-109.60	0.00418	
70.71	-113.14	0.00377	63.64	-120.21	0.00313	
56.57	-127.28	0.00264	49.50	-134.35	0.00226	
42.43	-141.42	0.00194	35.36	-148.49	0.00168	
28.28	-155.56	0.00147	21.21	-162.63	0.00130	
169.71	-28.28	0.00319	162.63	-35.36	0.00364	
155.56	-42.43	0.00418	148.49	-49.50	0.00486	
141.42	-56.57	0.00572	134.35	-63.64	0.00679	
127.28	-70.71	0.00814	120.21	-77.78	0.00982	
116.67	-81.32	0.01079	113.14	-84.85	0.01182	
111.02	-86.97	0.01244	109.60	-88.39	0.01285	
108.19	-89.80	0.01326	106.77	-91.22	0.01371	
105.36	-92.63	0.01418	92.63	-105.36	0.00661	
91.22	-106.77	0.00609	89.80	-108.19	0.00567	
88.39	-109.60	0.00533	86.97	-111.02	0.00503	
84.85	-113.14	0.00466	81.32	-116.67	0.00415	

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00374	70.71	-127.28	0.00311
63.64	-134.35	0.00263	56.57	-141.42	0.00225
49.50	-148.49	0.00193	42.43	-155.56	0.00168
35.36	-162.63	0.00147	28.28	-169.71	0.00129

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
176.78	-35.36	0.00305	169.71	-42.43	0.00348
162.63	-49.50	0.00400	155.56	-56.57	0.00465
148.49	-63.64	0.00547	141.42	-70.71	0.00651
134.35	-77.78	0.00784	127.28	-84.85	0.00951
123.74	-88.39	0.01048	120.21	-91.92	0.01153
118.09	-94.05	0.01217	116.67	-95.46	0.01260
115.26	-96.87	0.01301	113.84	-98.29	0.01345
112.43	-99.70	0.01393	99.70	-112.43	0.00649
98.29	-113.84	0.00600	96.87	-115.26	0.00560
95.46	-116.67	0.00526	94.05	-118.09	0.00497
91.92	-120.21	0.00460	88.39	-123.74	0.00411
84.85	-127.28	0.00371	77.78	-134.35	0.00309
70.71	-141.42	0.00261	63.64	-148.49	0.00223
56.57	-155.56	0.00192	49.50	-162.63	0.00167
42.43	-169.71	0.00146	35.36	-176.78	0.00129
183.85	-42.43	0.00291	176.78	-49.50	0.00330
169.71	-56.57	0.00379	162.63	-63.64	0.00441
155.56	-70.71	0.00519	148.49	-77.78	0.00619
141.42	-84.85	0.00748	134.35	-91.92	0.00913
130.81	-95.46	0.01010	127.28	-98.99	0.01116
125.16	-101.12	0.01182	123.74	-102.53	0.01226
122.33	-103.94	0.01269	120.92	-105.36	0.01312
119.50	-106.77	0.01362	106.77	-119.50	0.00637
105.36	-120.92	0.00589	103.94	-122.33	0.00550
102.53	-123.74	0.00518	101.12	-125.16	0.00490
98.99	-127.28	0.00454	95.46	-130.81	0.00407
91.92	-134.35	0.00368	84.85	-141.42	0.00307
77.78	-148.49	0.00259	70.71	-155.56	0.00221
63.64	-162.63	0.00190	56.57	-169.71	0.00165
49.50	-176.78	0.00145	42.43	-183.85	0.00128

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00277	183.85	-56.57	0.00313
176.78	-63.64	0.00358	169.71	-70.71	0.00415
162.63	-77.78	0.00488	155.56	-84.85	0.00581
148.49	-91.92	0.00704	141.42	-98.99	0.00865
137.89	-102.53	0.00962	134.35	-106.07	0.01068
132.23	-108.19	0.01135	130.81	-109.60	0.01181
129.40	-111.02	0.01227	127.99	-112.43	0.01272
126.57	-113.84	0.01322	113.84	-126.57	0.00624
112.43	-127.99	0.00577	111.02	-129.40	0.00540
109.60	-130.81	0.00509	108.19	-132.23	0.00482

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	0.00448	102.53	-137.89	0.00402
98.99	-141.42	0.00364	91.92	-148.49	0.00303
84.85	-155.56	0.00256	77.78	-162.63	0.00219
70.71	-169.71	0.00188	63.64	-176.78	0.00164
56.57	-183.85	0.00144	49.50	-190.92	0.00127
197.99	-56.57	0.00263	190.92	-63.64	0.00296
183.85	-70.71	0.00337	176.78	-77.78	0.00388
169.71	-84.85	0.00454	162.63	-91.92	0.00540
155.56	-98.99	0.00653	148.49	-106.07	0.00806
144.96	-109.60	0.00900	141.42	-113.14	0.01006
139.30	-115.26	0.01074	137.89	-116.67	0.01121
136.47	-118.09	0.01169	135.06	-119.50	0.01217
133.64	-120.92	0.01268	120.92	-133.64	0.00609
119.50	-135.06	0.00564	118.09	-136.47	0.00529
116.67	-137.89	0.00499	115.26	-139.30	0.00474
113.14	-141.42	0.00442	109.60	-144.96	0.00397
106.07	-148.49	0.00359	98.99	-155.56	0.00299
91.92	-162.63	0.00252	84.85	-169.71	0.00216
77.78	-176.78	0.00186	70.71	-183.85	0.00162
63.64	-190.92	0.00143	56.57	-197.99	0.00126
205.06	-63.64	0.00248	197.99	-70.71	0.00279
190.92	-77.78	0.00316	183.85	-84.85	0.00362
176.78	-91.92	0.00419	169.71	-98.99	0.00495
162.63	-106.07	0.00596	155.56	-113.14	0.00734

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00822	148.49	-120.21	0.00925
146.37	-122.33	0.00993	144.96	-123.74	0.01040
143.54	-125.16	0.01089	142.13	-126.57	0.01141
140.71	-127.99	0.01195	127.99	-140.71	0.00592
126.57	-142.13	0.00551	125.16	-143.54	0.00518
123.74	-144.96	0.00490	122.33	-146.37	0.00466
120.21	-148.49	0.00434	116.67	-152.03	0.00390
113.14	-155.56	0.00353	106.07	-162.63	0.00294
98.99	-169.71	0.00248	91.92	-176.78	0.00213
84.85	-183.85	0.00184	77.78	-190.92	0.00160
70.71	-197.99	0.00141	63.64	-205.06	0.00125
212.13	-70.71	0.00234	205.06	-77.78	0.00262
197.99	-84.85	0.00295	190.92	-91.92	0.00336
183.85	-98.99	0.00386	176.78	-106.07	0.00450
169.71	-113.14	0.00534	162.63	-120.21	0.00651
159.10	-123.74	0.00727	155.56	-127.28	0.00820

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
153.44	-129.40	0.00884	152.03	-130.81	0.00930
150.61	-132.23	0.00979	149.20	-133.64	0.01033
147.79	-135.06	0.01092	135.06	-147.79	0.00576
133.64	-149.20	0.00537	132.23	-150.61	0.00506
130.81	-152.03	0.00480	129.40	-153.44	0.00456
127.28	-155.56	0.00425	123.74	-159.10	0.00381
120.21	-162.63	0.00345	113.14	-169.71	0.00288
106.07	-176.78	0.00244	98.99	-183.85	0.00209
91.92	-190.92	0.00181	84.85	-197.99	0.00158
77.78	-205.06	0.00139	70.71	-212.13	0.00123
219.20	-77.78	0.00221	212.13	-84.85	0.00245
205.06	-91.92	0.00275	197.99	-98.99	0.00310
190.92	-106.07	0.00353	183.85	-113.14	0.00407
176.78	-120.21	0.00476	169.71	-127.28	0.00566
166.17	-130.81	0.00623	162.63	-134.35	0.00694
160.51	-136.47	0.00745	159.10	-137.89	0.00784
157.68	-139.30	0.00829	156.27	-140.71	0.00879
154.86	-142.13	0.00940	142.13	-154.86	0.00559

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00523	139.30	-157.68	0.00493
137.89	-159.10	0.00467	136.47	-160.51	0.00444
134.35	-162.63	0.00414	130.81	-166.17	0.00372
127.28	-169.71	0.00337	120.21	-176.78	0.00281
113.14	-183.85	0.00238	106.07	-190.92	0.00205
98.99	-197.99	0.00177	91.92	-205.06	0.00155
84.85	-212.13	0.00136	77.78	-219.20	0.00121
226.27	-84.85	0.00206	219.20	-91.92	0.00228
212.13	-98.99	0.00254	205.06	-106.07	0.00285
197.99	-113.14	0.00321	190.92	-120.21	0.00366
183.85	-127.28	0.00420	176.78	-134.35	0.00487
173.24	-137.89	0.00527	169.71	-141.42	0.00572
167.58	-143.54	0.00603	166.17	-144.96	0.00626
164.76	-146.37	0.00652	163.34	-147.79	0.00683
161.93	-149.20	0.00724	149.20	-161.93	0.00541
147.79	-163.34	0.00506	146.37	-164.76	0.00477
144.96	-166.17	0.00452	143.54	-167.58	0.00431
141.42	-169.71	0.00402	137.89	-173.24	0.00361
134.35	-176.78	0.00327	127.28	-183.85	0.00273
120.21	-190.92	0.00232	113.14	-197.99	0.00199
106.07	-205.06	0.00173	98.99	-212.13	0.00151
91.92	-219.20	0.00133	84.85	-226.27	0.00118

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: 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	0.00192	226.27	-98.99	0.00211
219.20	-106.07	0.00233	212.13	-113.14	0.00259
205.06	-120.21	0.00289	197.99	-127.28	0.00324
190.92	-134.35	0.00365	183.85	-141.42	0.00413
180.31	-144.96	0.00439	176.78	-148.49	0.00466
174.66	-150.61	0.00484	173.24	-152.03	0.00496
171.83	-153.44	0.00508	170.41	-154.86	0.00522
169.00	-156.27	0.00538	156.27	-169.00	0.00511
154.86	-170.41	0.00482	153.44	-171.83	0.00456
152.03	-173.24	0.00434	150.61	-174.66	0.00414
148.49	-176.78	0.00387	144.96	-180.31	0.00348
141.42	-183.85	0.00316	134.35	-190.92	0.00264

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00225	120.21	-205.06	0.00193
113.14	-212.13	0.00168	106.07	-219.20	0.00148
98.99	-226.27	0.00130	91.92	-233.35	0.00116
240.42	-98.99	0.00178	233.35	-106.07	0.00194
226.27	-113.14	0.00213	219.20	-120.21	0.00234
212.13	-127.28	0.00259	205.06	-134.35	0.00287
197.99	-141.42	0.00319	190.92	-148.49	0.00355
187.38	-152.03	0.00374	183.85	-155.56	0.00395
181.73	-157.68	0.00408	180.31	-159.10	0.00417
178.90	-160.51	0.00427	177.48	-161.93	0.00437
176.07	-163.34	0.00447	163.34	-176.07	0.00455
161.93	-177.48	0.00438	160.51	-178.90	0.00421
159.10	-180.31	0.00404	157.68	-181.73	0.00388
155.56	-183.85	0.00366	152.03	-187.38	0.00333
148.49	-190.92	0.00304	141.42	-197.99	0.00256
134.35	-205.06	0.00219	127.28	-212.13	0.00189
120.21	-219.20	0.00164	113.14	-226.27	0.00145
106.07	-233.35	0.00128	98.99	-240.42	0.00114
247.49	-106.07	0.00165	240.42	-113.14	0.00179
233.35	-120.21	0.00195	226.27	-127.28	0.00213
219.20	-134.35	0.00233	212.13	-141.42	0.00256
205.06	-148.49	0.00282	197.99	-155.56	0.00312
194.45	-159.10	0.00327	190.92	-162.63	0.00344
188.80	-164.76	0.00354	187.38	-166.17	0.00360
185.97	-167.58	0.00367	184.55	-169.00	0.00373
183.14	-170.41	0.00380	170.41	-183.14	0.00399
169.00	-184.55	0.00389	167.58	-185.97	0.00378
166.17	-187.38	0.00366	164.76	-188.80	0.00353

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
162.63	-190.92	0.00336	159.10	-194.45	0.00309
155.56	-197.99	0.00285	148.49	-205.06	0.00244
141.42	-212.13	0.00211	134.35	-219.20	0.00183
127.28	-226.27	0.00161	120.21	-233.35	0.00142
113.14	-240.42	0.00126	106.07	-247.49	0.00112

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

04/18/08

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound

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

19:46:37

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.01006 AT (126.57, -113.84, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00996 AT (133.64, -120.92, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00993 AT (119.50, -106.77, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00961 AT (127.99, -112.43, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00957 AT (112.43, -99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00957 AT (140.71, -127.99, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00950 AT (120.92, -105.36, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948 AT (135.06, -119.50, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00920 AT (129.40, -111.02, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00919 AT (113.84, -98.29, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.01006 AT (62.93, -50.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00996 AT (70.00, -57.28, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00993 AT (55.86, -43.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00961 AT (64.35, -48.79, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00957 AT (48.79, -36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00957 AT (77.07, -64.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00950 AT (57.28, -41.72, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948 AT (71.42, -55.86, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00920 AT (65.76, -47.38, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00919 AT (50.20, -34.65, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.01006 AT (-0.71, 13.44, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00996 AT (6.36, 6.36, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00993 AT (-7.78, 20.51, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00961 AT (0.71, 14.85, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00957 AT (-14.85, 27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00957 AT (13.44, -0.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00950 AT (-6.36, 21.92, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948 AT (7.78, 7.78, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00920 AT (2.12, 16.26, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00919 AT (-13.44, 28.99, 0.00, 1.20)	DC	NA

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 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	0.01006 AT (-64.35, 77.07, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00996 AT (-57.28, 70.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00993 AT (-71.42, 84.15, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00961 AT (-62.93, 78.49, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00957 AT (-78.49, 91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00957 AT (-50.20, 62.93, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00950 AT (-70.00, 85.56, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948 AT (-55.86, 71.42, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00920 AT (-61.52, 79.90, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00919 AT (-77.07, 92.63, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.01006 AT (-127.99, 140.71, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00996 AT (-120.92, 133.64, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00993 AT (-135.06, 147.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00961 AT (-126.57, 142.13, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00957 AT (-142.13, 154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00957 AT (-113.84, 126.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00950 AT (-133.64, 149.20, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948 AT (-119.50, 135.06, 0.00, 1.20)	DC	NA

12NCRA_SR02-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00920	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00919	AT (	-140.71,	156.27,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01496	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01495	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01494	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01494	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01494	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01493	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01493	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01492	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01491	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01491	AT (	48.79,	-36.06,	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 ***

19:46:37

**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 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
