

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 19:54:09

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\13NCRA_SR03-300_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
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RE DISCCART -60.1 81.32 1.2
RE DISCCART -61.52 79.9 1.2
RE DISCCART -62.93 78.49 1.2
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RE DISCCART -77.07 64.35 1.2
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RE DISCCART -81.32 60.1 1.2
RE DISCCART -82.73 58.69 1.2
RE DISCCART -84.85 56.57 1.2
RE DISCCART -88.39 53.03 1.2
RE DISCCART -91.92 49.5 1.2
RE DISCCART -98.99 42.43 1.2
RE DISCCART -106.07 35.36 1.2
RE DISCCART -113.14 28.28 1.2
RE DISCCART -120.21 21.21 1.2
RE DISCCART -127.28 14.14 1.2
RE DISCCART -134.35 7.07 1.2
RE DISCCART -141.42 0.0 1.2
RE DISCCART 7.07 134.35 1.2
RE DISCCART 0.0 127.28 1.2
RE DISCCART -7.07 120.21 1.2

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

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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
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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
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RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-30.41	54.45	1.2
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RE DISCCART	-34.65	50.2	1.2
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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
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RE DISCCART	-60.1	24.75	1.2
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RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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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
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RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
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RE DISCCART	-37.48	19.09	1.2
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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
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RE DISCCART -13.44 28.99 1.2
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RE DISCCART -27.58 14.85 1.2
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RE DISCCART -38.89 3.54 1.2
RE DISCCART -42.43 0.0 1.2
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RE DISCCART -70.71 -28.28 1.2
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RE DISCCART -84.85 -42.43 1.2
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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

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RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
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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
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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
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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\ros03300.asc"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9902 2003
 ME UAIRDATA 9902 2003
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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\13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\13NCRA_SR03-300_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 ***

19:54:09

**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\13NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\SANTAR~1\13NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 19:54:09 *** Maximum train overlap at SE/NW Bound Direction ***
 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	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
 19:54:09 *** Maximum train overlap at SE/NW Bound Direction ***
 **MODELOPTs:
 PAGE 3
 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 19:54:09 *** Maximum train overlap at SE/NW Bound Direction ***
 **MODELOPTs:
 PAGE 4
 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);

13NCRA_SR03-300_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

19:54:09

**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);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

04/18/08

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

19:54:09

**MODELOPTs:

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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);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:54:09
 **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);

13NCRA_SR03-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

19:54:09
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

13NCRA_SR03-300_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 ***

19:54:09
 **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);

13NCRA_SR03-300_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 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

13NCRA_SR03-300_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);

13NCRA_SR03-300_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 ***

19:54:09
 **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);

13NCRA_SR03-300_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 ***

19:54:09

**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);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:54:09

**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);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

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

19:54:09
 **MODELOPTs:
 PAGE 14
 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);

13NCRA_SR03-300_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 ***

19:54:09
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA_SR03-300_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);

13NCRA_SR03-300_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 ***

19:54:09

**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);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

1 *** ISCS T3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

19:54:09
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA_SR03-300_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 ***

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 **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);

13NCRA_SR03-300_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 ***

19:54:09
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(233.4, -91.9, 0.0, 1.2);	(226.3, -99.0, 0.0, 1.2);
(219.2, -106.1, 0.0, 1.2);	(212.1, -113.1, 0.0, 1.2);
(205.1, -120.2, 0.0, 1.2);	(198.0, -127.3, 0.0, 1.2);
(190.9, -134.4, 0.0, 1.2);	(183.9, -141.4, 0.0, 1.2);
(180.3, -145.0, 0.0, 1.2);	(176.8, -148.5, 0.0, 1.2);
(174.7, -150.6, 0.0, 1.2);	(173.2, -152.0, 0.0, 1.2);
(171.8, -153.4, 0.0, 1.2);	(170.4, -154.9, 0.0, 1.2);

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

13NCRA_SR03-300_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)
03	01	01	01	140.8	1.39	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	02	179.4	1.12	277.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	03	119.8	1.12	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	04	155.3	1.00	276.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	05	284.4	1.12	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	06	298.3	1.00	276.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	07	306.8	1.25	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	08	87.1	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	09	186.7	1.00	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	10	159.1	1.03	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	11	81.8	1.00	278.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	12	138.4	1.00	279.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	13	129.3	1.12	281.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	14	161.0	1.74	282.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	15	179.4	1.07	284.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	16	51.7	1.00	284.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	17	155.0	1.16	284.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	18	120.2	1.39	282.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	19	321.3	1.12	281.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	20	159.0	1.39	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	21	311.1	1.30	280.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	22	184.3	1.16	280.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	23	189.6	1.56	280.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	24	147.2	1.43	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

19:54:09

**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	0.00015	-113.14	240.42	0.00014
-120.21	233.35	0.00014	-127.28	226.27	0.00014
-134.35	219.20	0.00013	-141.42	212.13	0.00013
-148.49	205.06	0.00013	-155.56	197.99	0.00012
-159.10	194.45	0.00012	-162.63	190.92	0.00011
-164.76	188.80	0.00011	-166.17	187.38	0.00011
-167.58	185.97	0.00011	-169.00	184.55	0.00011
-170.41	183.14	0.00011	-183.14	170.41	0.00009
-184.55	169.00	0.00009	-185.97	167.58	0.00009
-187.38	166.17	0.00009	-188.80	164.76	0.00009
-190.92	162.63	0.00008	-194.45	159.10	0.00008
-197.99	155.56	0.00008	-205.06	148.49	0.00007
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00015	-106.07	233.35	0.00015
-113.14	226.27	0.00015	-120.21	219.20	0.00014

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00013	-147.79	163.34	0.00012
-149.20	161.93	0.00012	-161.93	149.20	0.00010
-163.34	147.79	0.00010	-164.76	146.37	0.00010
-166.17	144.96	0.00010	-167.58	143.54	0.00010
-169.71	141.42	0.00009	-173.24	137.89	0.00009
-176.78	134.35	0.00009	-183.85	127.28	0.00008
-190.92	120.21	0.00007	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00005	-226.27	84.85	0.00005
-77.78	219.20	0.00018	-84.85	212.13	0.00017
-91.92	205.06	0.00017	-98.99	197.99	0.00017
-106.07	190.92	0.00016	-113.14	183.85	0.00016
-120.21	176.78	0.00015	-127.28	169.71	0.00015
-130.81	166.17	0.00014	-134.35	162.63	0.00014
-136.47	160.51	0.00014	-137.89	159.10	0.00013
-139.30	157.68	0.00013	-140.71	156.27	0.00013
-142.13	154.86	0.00013	-154.86	142.13	0.00011
-156.27	140.71	0.00011	-157.68	139.30	0.00011
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00010	-166.17	130.81	0.00009
-169.71	127.28	0.00009	-176.78	120.21	0.00008
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-197.99	99.00	0.00006	-205.06	91.92	0.00006
-212.13	84.85	0.00006	-219.20	77.78	0.00005
-70.71	212.13	0.00019	-77.78	205.06	0.00018
-84.85	197.99	0.00018	-91.92	190.92	0.00018
-98.99	183.85	0.00017	-106.07	176.78	0.00017
-113.14	169.71	0.00016	-120.21	162.63	0.00015
-123.74	159.10	0.00015	-127.28	155.56	0.00015

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

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

19:54:09

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00014	-130.81	152.03	0.00014
-132.23	150.61	0.00014	-133.64	149.20	0.00014
-135.06	147.79	0.00013	-147.79	135.06	0.00011
-149.20	133.64	0.00011	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00010	-159.10	123.74	0.00010
-162.63	120.21	0.00009	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00007
-190.92	91.92	0.00006	-197.99	84.85	0.00006
-205.06	77.78	0.00006	-212.13	70.71	0.00006
-63.64	205.06	0.00020	-70.71	197.99	0.00019
-77.78	190.92	0.00019	-84.85	183.85	0.00019
-91.92	176.78	0.00018	-98.99	169.71	0.00018
-106.07	162.63	0.00017	-113.14	155.56	0.00016
-116.67	152.03	0.00016	-120.21	148.49	0.00015
-122.33	146.37	0.00015	-123.74	144.96	0.00015
-125.16	143.54	0.00015	-126.57	142.13	0.00014
-127.99	140.71	0.00014	-140.71	127.99	0.00012
-142.13	126.57	0.00012	-143.54	125.16	0.00012
-144.96	123.74	0.00011	-146.37	122.33	0.00011
-148.49	120.21	0.00011	-152.03	116.67	0.00010
-155.56	113.14	0.00010	-162.63	106.07	0.00009
-169.71	98.99	0.00008	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00006
-197.99	70.71	0.00006	-205.06	63.64	0.00006
-56.57	197.99	0.00021	-63.64	190.92	0.00020
-70.71	183.85	0.00020	-77.78	176.78	0.00020
-84.85	169.71	0.00019	-91.92	162.63	0.00019
-98.99	155.56	0.00018	-106.07	148.49	0.00017
-109.60	144.96	0.00017	-113.14	141.42	0.00016
-115.26	139.30	0.00016	-116.67	137.89	0.00016
-118.09	136.47	0.00015	-119.50	135.06	0.00015
-120.92	133.64	0.00015	-133.64	120.92	0.00013
-135.06	119.50	0.00012	-136.47	118.09	0.00012
-137.89	116.67	0.00012	-139.30	115.26	0.00012
-141.42	113.14	0.00011	-144.96	109.60	0.00011
-148.49	106.07	0.00010	-155.56	98.99	0.00009
-162.63	91.92	0.00008	-169.71	84.85	0.00008
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00006	-197.99	56.57	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:54:09
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00022	-56.57	183.85	0.00022
-63.64	176.78	0.00021	-70.71	169.71	0.00021
-77.78	162.63	0.00020	-84.85	155.56	0.00020
-91.92	148.49	0.00019	-98.99	141.42	0.00018
-102.53	137.89	0.00018	-106.07	134.35	0.00017
-108.19	132.23	0.00017	-109.60	130.81	0.00017
-111.02	129.40	0.00016	-112.43	127.99	0.00016
-113.84	126.57	0.00016	-126.57	113.84	0.00013
-127.99	112.43	0.00013	-129.40	111.02	0.00013
-130.81	109.60	0.00012	-132.23	108.19	0.00012
-134.35	106.07	0.00012	-137.89	102.53	0.00011
-141.42	98.99	0.00010	-148.49	91.92	0.00009
-155.56	84.85	0.00009	-162.63	77.78	0.00008
-169.71	70.71	0.00007	-176.78	63.64	0.00007
-183.85	56.57	0.00007	-190.92	49.50	0.00006
-42.43	183.85	0.00023	-49.50	176.78	0.00023
-56.57	169.71	0.00023	-63.64	162.63	0.00022
-70.71	155.56	0.00022	-77.78	148.49	0.00021
-84.85	141.42	0.00020	-91.92	134.35	0.00019
-95.46	130.81	0.00019	-98.99	127.28	0.00018
-101.12	125.16	0.00018	-102.53	123.74	0.00017
-103.94	122.33	0.00017	-105.36	120.92	0.00017
-106.77	119.50	0.00017	-119.50	106.77	0.00014
-120.92	105.36	0.00014	-122.33	103.94	0.00013
-123.74	102.53	0.00013	-125.16	101.12	0.00013
-127.28	98.99	0.00012	-130.81	95.46	0.00012
-134.35	91.92	0.00011	-141.42	84.85	0.00010
-148.49	77.78	0.00009	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00007
-176.78	49.50	0.00007	-183.85	42.43	0.00007
-35.36	176.78	0.00025	-42.43	169.71	0.00024
-49.50	162.63	0.00024	-56.57	155.56	0.00023
-63.64	148.49	0.00023	-70.71	141.42	0.00022
-77.78	134.35	0.00021	-84.85	127.28	0.00020
-88.39	123.74	0.00020	-91.92	120.21	0.00019
-94.05	118.09	0.00019	-95.46	116.67	0.00019
-96.87	115.26	0.00018	-98.29	113.84	0.00018
-99.70	112.43	0.00018	-112.43	99.70	0.00015
-113.84	98.29	0.00014	-115.26	96.87	0.00014
-116.67	95.46	0.00014	-118.09	94.05	0.00013

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00013	-123.74	88.39	0.00012
-127.28	84.85	0.00011	-134.35	77.78	0.00010
-141.42	70.71	0.00009	-148.49	63.64	0.00008
-155.56	56.57	0.00008	-162.63	49.50	0.00008
-169.71	42.43	0.00007	-176.78	35.36	0.00007
-28.28	169.71	0.00026	-35.36	162.63	0.00026
-42.43	155.56	0.00025	-49.50	148.49	0.00025
-56.57	141.42	0.00024	-63.64	134.35	0.00024
-70.71	127.28	0.00023	-77.78	120.21	0.00022
-81.32	116.67	0.00021	-84.85	113.14	0.00020
-86.97	111.02	0.00020	-88.39	109.60	0.00020
-89.80	108.19	0.00019	-91.22	106.77	0.00019
-92.63	105.36	0.00019	-105.36	92.63	0.00016
-106.77	91.22	0.00015	-108.19	89.80	0.00015
-109.60	88.39	0.00014	-111.02	86.97	0.00014
-113.14	84.85	0.00014	-116.67	81.32	0.00013
-120.21	77.78	0.00012	-127.28	70.71	0.00011
-134.35	63.64	0.00010	-141.42	56.57	0.00009
-148.49	49.50	0.00008	-155.56	42.43	0.00008
-162.63	35.36	0.00007	-169.71	28.28	0.00007
-21.21	162.63	0.00028	-28.28	155.56	0.00028
-35.36	148.49	0.00027	-42.43	141.42	0.00027
-49.50	134.35	0.00026	-56.57	127.28	0.00025
-63.64	120.21	0.00024	-70.71	113.14	0.00023
-74.25	109.60	0.00023	-77.78	106.07	0.00022
-79.90	103.94	0.00021	-81.32	102.53	0.00021
-82.73	101.12	0.00021	-84.15	99.70	0.00020
-85.56	98.29	0.00020	-98.29	85.56	0.00016
-99.70	84.15	0.00016	-101.12	82.73	0.00016
-102.53	81.32	0.00015	-103.94	79.90	0.00015
-106.07	77.78	0.00014	-109.60	74.25	0.00013
-113.14	70.71	0.00013	-120.21	63.64	0.00011
-127.28	56.57	0.00010	-134.35	49.50	0.00009
-141.42	42.43	0.00009	-148.49	35.36	0.00008
-155.56	28.28	0.00008	-162.63	21.21	0.00007
-14.14	155.56	0.00030	-21.21	148.49	0.00030
-28.28	141.42	0.00029	-35.36	134.35	0.00028

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00028	-49.50	120.21	0.00027
-56.57	113.14	0.00026	-63.64	106.07	0.00025
-67.18	102.53	0.00024	-70.71	98.99	0.00023

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

19:54:09
 **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	0.00023	-74.25	95.46	0.00022
-75.66	94.05	0.00022	-77.07	92.63	0.00022
-78.49	91.22	0.00021	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00017
-95.46	74.25	0.00016	-96.87	72.83	0.00016
-98.99	70.71	0.00015	-102.53	67.18	0.00014
-106.07	63.64	0.00013	-113.14	56.57	0.00012
-120.21	49.50	0.00011	-127.28	42.43	0.00010
-134.35	35.36	0.00009	-141.42	28.28	0.00009
-148.49	21.21	0.00008	-155.56	14.14	0.00008
-7.07	148.49	0.00032	-14.14	141.42	0.00032
-21.21	134.35	0.00031	-28.28	127.28	0.00031
-35.36	120.21	0.00030	-42.43	113.14	0.00029
-49.50	106.07	0.00028	-56.57	98.99	0.00027
-60.10	95.46	0.00026	-63.64	91.92	0.00025
-65.76	89.80	0.00024	-67.18	88.39	0.00024
-68.59	86.97	0.00024	-70.00	85.56	0.00023
-71.42	84.15	0.00023	-84.15	71.42	0.00018
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00017	-89.80	65.76	0.00017
-91.92	63.64	0.00016	-95.46	60.10	0.00015
-98.99	56.57	0.00014	-106.07	49.50	0.00012
-113.14	42.43	0.00011	-120.21	35.36	0.00010
-127.28	28.28	0.00010	-134.35	21.21	0.00009
-141.42	14.14	0.00009	-148.49	7.07	0.00008
0.00	141.42	0.00034	-7.07	134.35	0.00034
-14.14	127.28	0.00033	-21.21	120.21	0.00033
-28.28	113.14	0.00032	-35.36	106.07	0.00031
-42.43	98.99	0.00030	-49.50	91.92	0.00029
-53.03	88.39	0.00028	-56.57	84.85	0.00027
-58.69	82.73	0.00026	-60.10	81.32	0.00026

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00025	-62.93	78.49	0.00025
-64.35	77.07	0.00024	-77.07	64.35	0.00020
-78.49	62.93	0.00019	-79.90	61.52	0.00019
-81.32	60.10	0.00018	-82.73	58.69	0.00018
-84.85	56.57	0.00017	-88.39	53.03	0.00016
-91.92	49.50	0.00015	-98.99	42.43	0.00013
-106.07	35.36	0.00012	-113.14	28.28	0.00011
-120.21	21.21	0.00010	-127.28	14.14	0.00009
-134.35	7.07	0.00009	-141.42	0.00	0.00008

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

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

19:54:09

**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	0.00037	0.00	127.28	0.00036
-7.07	120.21	0.00036	-14.14	113.14	0.00035
-21.21	106.07	0.00034	-28.28	98.99	0.00033
-35.36	91.92	0.00032	-42.43	84.85	0.00031
-45.96	81.32	0.00030	-49.50	77.78	0.00029
-51.62	75.66	0.00028	-53.03	74.25	0.00028
-54.45	72.83	0.00027	-55.86	71.42	0.00027
-57.28	70.00	0.00026	-70.00	57.28	0.00021
-71.42	55.86	0.00020	-72.83	54.45	0.00020
-74.25	53.03	0.00019	-75.66	51.62	0.00019
-77.78	49.50	0.00018	-81.32	45.96	0.00017
-84.85	42.43	0.00015	-91.92	35.36	0.00014
-98.99	28.28	0.00012	-106.07	21.21	0.00011
-113.14	14.14	0.00011	-120.21	7.07	0.00010
-127.28	0.00	0.00009	-134.35	-7.07	0.00009
14.14	127.28	0.00039	7.07	120.21	0.00039
0.00	113.14	0.00039	-7.07	106.07	0.00038
-14.14	98.99	0.00037	-21.21	91.92	0.00036
-28.28	84.85	0.00035	-35.36	77.78	0.00033
-38.89	74.25	0.00032	-42.43	70.71	0.00031
-44.55	68.59	0.00030	-45.96	67.18	0.00030
-47.38	65.76	0.00029	-48.79	64.35	0.00029
-50.20	62.93	0.00028	-62.93	50.20	0.00022
-64.35	48.79	0.00022	-65.76	47.38	0.00021
-67.18	45.96	0.00020	-68.59	44.55	0.00020

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00019	-74.25	38.89	0.00018
-77.78	35.36	0.00016	-84.85	28.28	0.00014
-91.92	21.21	0.00013	-98.99	14.14	0.00012
-106.07	7.07	0.00011	-113.14	0.00	0.00010
-120.21	-7.07	0.00010	-127.28	-14.14	0.00009
21.21	120.21	0.00042	14.14	113.14	0.00042
7.07	106.07	0.00042	0.00	98.99	0.00041
-7.07	91.92	0.00040	-14.14	84.85	0.00039
-21.21	77.78	0.00038	-28.28	70.71	0.00036
-31.82	67.18	0.00035	-35.36	63.64	0.00034
-37.48	61.52	0.00033	-38.89	60.10	0.00032
-40.31	58.69	0.00032	-41.72	57.28	0.00031
-43.13	55.86	0.00030	-55.86	43.13	0.00024
-57.28	41.72	0.00023	-58.69	40.31	0.00023
-60.10	38.89	0.00022	-61.52	37.48	0.00021

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

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

19:54:09

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00020	-67.18	31.82	0.00019
-70.71	28.28	0.00017	-77.78	21.21	0.00015
-84.85	14.14	0.00014	-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	0.00009
28.28	113.14	0.00045	21.21	106.07	0.00046
14.14	98.99	0.00046	7.07	91.92	0.00045
0.00	84.85	0.00044	-7.07	77.78	0.00043
-14.14	70.71	0.00041	-21.21	63.64	0.00039
-24.75	60.10	0.00038	-28.28	56.57	0.00037
-30.41	54.45	0.00036	-31.82	53.03	0.00035
-33.23	51.62	0.00034	-34.65	50.20	0.00034
-36.06	48.79	0.00033	-48.79	36.06	0.00026
-50.20	34.65	0.00025	-51.62	33.23	0.00024
-53.03	31.82	0.00023	-54.45	30.41	0.00023
-56.57	28.28	0.00021	-60.10	24.75	0.00020
-63.64	21.21	0.00018	-70.71	14.14	0.00016
-77.78	7.07	0.00014	-84.85	0.00	0.00013
-91.92	-7.07	0.00012	-98.99	-14.14	0.00011

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00011	-113.14	-28.28	0.00010
35.36	106.07	0.00049	28.28	98.99	0.00049
21.21	91.92	0.00049	14.14	84.85	0.00049
7.07	77.78	0.00048	0.00	70.71	0.00047
-7.07	63.64	0.00045	-14.14	56.57	0.00043
-17.68	53.03	0.00042	-21.21	49.50	0.00040
-23.33	47.38	0.00039	-24.75	45.96	0.00038
-26.16	44.55	0.00038	-27.58	43.13	0.00037
-28.99	41.72	0.00036	-41.72	28.99	0.00028
-43.13	27.58	0.00027	-44.55	26.16	0.00026
-45.96	24.75	0.00025	-47.38	23.33	0.00024
-49.50	21.21	0.00023	-53.03	17.68	0.00021
-56.57	14.14	0.00019	-63.64	7.07	0.00017
-70.71	0.00	0.00015	-77.78	-7.07	0.00014
-84.85	-14.14	0.00013	-91.92	-21.21	0.00012
-98.99	-28.28	0.00011	-106.07	-35.36	0.00010
42.43	98.99	0.00053	35.36	91.92	0.00054
28.28	84.85	0.00054	21.21	77.78	0.00053
14.14	70.71	0.00053	7.07	63.64	0.00051
0.00	56.57	0.00049	-7.07	49.50	0.00047
-10.61	45.96	0.00046	-14.14	42.43	0.00044

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

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

19:54:09

**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	0.00043	-17.68	38.89	0.00042
-19.09	37.48	0.00041	-20.51	36.06	0.00040
-21.92	34.65	0.00039	-34.65	21.92	0.00030
-36.06	20.51	0.00029	-37.48	19.09	0.00028
-38.89	17.68	0.00027	-40.31	16.26	0.00026
-42.43	14.14	0.00025	-45.96	10.61	0.00022
-49.50	7.07	0.00021	-56.57	0.00	0.00018
-63.64	-7.07	0.00016	-70.71	-14.14	0.00015
-77.78	-21.21	0.00014	-84.85	-28.28	0.00013
-91.92	-35.36	0.00011	-98.99	-42.43	0.00010
49.50	91.92	0.00057	42.43	84.85	0.00058
35.36	77.78	0.00059	28.28	70.71	0.00059
21.21	63.64	0.00058	14.14	56.57	0.00056

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00054	0.00	42.43	0.00052
-3.54	38.89	0.00050	-7.07	35.36	0.00048
-9.19	33.23	0.00047	-10.61	31.82	0.00046
-12.02	30.41	0.00045	-13.44	28.99	0.00044
-14.85	27.58	0.00043	-27.58	14.85	0.00032
-28.99	13.44	0.00031	-30.41	12.02	0.00030
-31.82	10.61	0.00029	-33.23	9.19	0.00028
-35.36	7.07	0.00026	-38.89	3.54	0.00024
-42.43	0.00	0.00022	-49.50	-7.07	0.00019
-56.57	-14.14	0.00017	-63.64	-21.21	0.00016
-70.71	-28.28	0.00015	-77.78	-35.36	0.00013
-84.85	-42.43	0.00012	-91.92	-49.50	0.00011
56.57	84.85	0.00062	49.50	77.78	0.00064
42.43	70.71	0.00064	35.36	63.64	0.00064
28.28	56.57	0.00064	21.21	49.50	0.00062
14.14	42.43	0.00060	7.07	35.36	0.00057
3.54	31.82	0.00056	0.00	28.28	0.00053
-2.12	26.16	0.00052	-3.54	24.75	0.00051
-4.95	23.33	0.00050	-6.36	21.92	0.00049
-7.78	20.51	0.00048	-20.51	7.78	0.00035
-21.92	6.36	0.00034	-23.33	4.95	0.00033
-24.75	3.54	0.00031	-26.16	2.12	0.00030
-28.28	0.00	0.00028	-31.82	-3.54	0.00026
-35.36	-7.07	0.00024	-42.43	-14.14	0.00021
-49.50	-21.21	0.00019	-56.57	-28.28	0.00017
-63.64	-35.36	0.00015	-70.71	-42.43	0.00014
-77.78	-49.50	0.00012	-84.85	-56.57	0.00011

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

19:54:09
 **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	0.00067	56.57	70.71	0.00069
49.50	63.64	0.00071	42.43	56.57	0.00071
35.36	49.50	0.00071	28.28	42.43	0.00069
21.21	35.36	0.00067	14.14	28.28	0.00064
10.61	24.75	0.00062	7.07	21.21	0.00059
4.95	19.09	0.00058	3.54	17.68	0.00057
2.12	16.26	0.00055	0.71	14.85	0.00054

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00053	-13.44	0.71	0.00038
-14.85	-0.71	0.00037	-16.26	-2.12	0.00035
-17.68	-3.54	0.00034	-19.09	-4.95	0.00032
-21.21	-7.07	0.00031	-24.75	-10.61	0.00028
-28.28	-14.14	0.00025	-35.36	-21.21	0.00022
-42.43	-28.28	0.00020	-49.50	-35.36	0.00018
-56.57	-42.43	0.00016	-63.64	-49.50	0.00014
-70.71	-56.57	0.00013	-77.78	-63.64	0.00011
70.71	70.71	0.00073	63.64	63.64	0.00076
56.57	56.57	0.00078	49.50	49.50	0.00079
42.43	42.43	0.00079	35.36	35.36	0.00077
28.28	28.28	0.00075	21.21	21.21	0.00071
17.68	17.68	0.00069	14.14	14.14	0.00067
12.02	12.02	0.00065	10.61	10.61	0.00063
9.19	9.19	0.00062	7.78	7.78	0.00061
6.36	6.36	0.00059	-6.36	-6.36	0.00042
-7.78	-7.78	0.00040	-9.19	-9.19	0.00038
-10.61	-10.61	0.00037	-12.02	-12.02	0.00035
-14.14	-14.14	0.00033	-17.68	-17.68	0.00030
-21.21	-21.21	0.00027	-28.28	-28.28	0.00024
-35.36	-35.36	0.00022	-42.43	-42.43	0.00019
-49.50	-49.50	0.00017	-56.57	-56.57	0.00015
-63.64	-63.64	0.00013	-70.71	-70.71	0.00012
77.78	63.64	0.00079	70.71	56.57	0.00083
63.64	49.50	0.00086	56.57	42.43	0.00087
49.50	35.36	0.00088	42.43	28.28	0.00087
35.36	21.21	0.00084	28.28	14.14	0.00080
24.75	10.61	0.00078	21.21	7.07	0.00075
19.09	4.95	0.00073	17.68	3.54	0.00071
16.26	2.12	0.00070	14.85	0.71	0.00068
13.44	-0.71	0.00066	0.71	-13.44	0.00046
-0.71	-14.85	0.00044	-2.12	-16.26	0.00042
-3.54	-17.68	0.00040	-4.95	-19.09	0.00038

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

19:54:09
 **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	0.00036	-10.61	-24.75	0.00032

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00030	-21.21	-35.36	0.00026
-28.28	-42.43	0.00023	-35.36	-49.50	0.00020
-42.43	-56.57	0.00018	-49.50	-63.64	0.00016
-56.57	-70.71	0.00014	-63.64	-77.78	0.00012
84.85	56.57	0.00086	77.78	49.50	0.00090
70.71	42.43	0.00094	63.64	35.36	0.00097
56.57	28.28	0.00099	49.50	21.21	0.00098
42.43	14.14	0.00096	35.36	7.07	0.00091
31.82	3.54	0.00088	28.28	0.00	0.00085
26.16	-2.12	0.00083	24.75	-3.54	0.00081
23.33	-4.95	0.00079	21.92	-6.36	0.00077
20.51	-7.78	0.00075	7.78	-20.51	0.00051
6.36	-21.92	0.00049	4.95	-23.33	0.00046
3.54	-24.75	0.00044	2.12	-26.16	0.00042
0.00	-28.28	0.00039	-3.54	-31.82	0.00035
-7.07	-35.36	0.00032	-14.14	-42.43	0.00028
-21.21	-49.50	0.00025	-28.28	-56.57	0.00022
-35.36	-63.64	0.00019	-42.43	-70.71	0.00016
-49.50	-77.78	0.00015	-56.57	-84.85	0.00013
91.92	49.50	0.00092	84.85	42.43	0.00099
77.78	35.36	0.00104	70.71	28.28	0.00108
63.64	21.21	0.00111	56.57	14.14	0.00111
49.50	7.07	0.00109	42.43	0.00	0.00104
38.89	-3.54	0.00101	35.36	-7.07	0.00097
33.23	-9.19	0.00095	31.82	-10.61	0.00093
30.41	-12.02	0.00091	28.99	-13.44	0.00088
27.58	-14.85	0.00086	14.85	-27.58	0.00057
13.44	-28.99	0.00054	12.02	-30.41	0.00051
10.61	-31.82	0.00048	9.19	-33.23	0.00046
7.07	-35.36	0.00043	3.54	-38.89	0.00038
0.00	-42.43	0.00035	-7.07	-49.50	0.00031
-14.14	-56.57	0.00027	-21.21	-63.64	0.00023
-28.28	-70.71	0.00020	-35.36	-77.78	0.00017
-42.43	-84.85	0.00015	-49.50	-91.92	0.00014
98.99	42.43	0.00099	91.92	35.36	0.00107
84.85	28.28	0.00115	77.78	21.21	0.00121
70.71	14.14	0.00125	63.64	7.07	0.00127
56.57	0.00	0.00126	49.50	-7.07	0.00121
45.96	-10.61	0.00117	42.43	-14.14	0.00113

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

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

19:54:09

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00110	38.89	-17.68	0.00107
37.48	-19.09	0.00105	36.06	-20.51	0.00102
34.65	-21.92	0.00099	21.92	-34.65	0.00063
20.51	-36.06	0.00060	19.09	-37.48	0.00056
17.68	-38.89	0.00053	16.26	-40.31	0.00050
14.14	-42.43	0.00047	10.61	-45.96	0.00042
7.07	-49.50	0.00039	0.00	-56.57	0.00033
-7.07	-63.64	0.00028	-14.14	-70.71	0.00024
-21.21	-77.78	0.00021	-28.28	-84.85	0.00018
-35.36	-91.92	0.00016	-42.43	-98.99	0.00014
106.07	35.36	0.00106	98.99	28.28	0.00116
91.92	21.21	0.00126	84.85	14.14	0.00135
77.78	7.07	0.00142	70.71	0.00	0.00146
63.64	-7.07	0.00146	56.57	-14.14	0.00141
53.03	-17.68	0.00137	49.50	-21.21	0.00132
47.38	-23.33	0.00128	45.96	-24.75	0.00125
44.55	-26.16	0.00122	43.13	-27.58	0.00119
41.72	-28.99	0.00115	28.99	-41.72	0.00071
27.58	-43.13	0.00067	26.16	-44.55	0.00063
24.75	-45.96	0.00059	23.33	-47.38	0.00056
21.21	-49.50	0.00052	17.68	-53.03	0.00046
14.14	-56.57	0.00042	7.07	-63.64	0.00036
0.00	-70.71	0.00030	-7.07	-77.78	0.00026
-14.14	-84.85	0.00022	-21.21	-91.92	0.00019
-28.28	-98.99	0.00017	-35.36	-106.07	0.00014
113.14	28.28	0.00112	106.07	21.21	0.00125
98.99	14.14	0.00138	91.92	7.07	0.00150
84.85	0.00	0.00161	77.78	-7.07	0.00168
70.71	-14.14	0.00170	63.64	-21.21	0.00166
60.10	-24.75	0.00162	56.57	-28.28	0.00156
54.45	-30.41	0.00151	53.03	-31.82	0.00148
51.62	-33.23	0.00144	50.20	-34.65	0.00140
48.79	-36.06	0.00135	36.06	-48.79	0.00080
34.65	-50.20	0.00075	33.23	-51.62	0.00070
31.82	-53.03	0.00066	30.41	-54.45	0.00062
28.28	-56.57	0.00057	24.75	-60.10	0.00051
21.21	-63.64	0.00047	14.14	-70.71	0.00039
7.07	-77.78	0.00032	0.00	-84.85	0.00027
-7.07	-91.92	0.00023	-14.14	-98.99	0.00020

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00017 -28.28 -113.14 0.00015

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

19:54:09

**MODELOPTs:
 PAGE 35

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	0.00118	113.14	14.14	0.00133
106.07	7.07	0.00149	98.99	0.00	0.00166
91.92	-7.07	0.00181	84.85	-14.14	0.00193
77.78	-21.21	0.00200	70.71	-28.28	0.00198
67.18	-31.82	0.00194	63.64	-35.36	0.00187
61.52	-37.48	0.00182	60.10	-38.89	0.00177
58.69	-40.31	0.00173	57.28	-41.72	0.00168
55.86	-43.13	0.00162	43.13	-55.86	0.00091
41.72	-57.28	0.00084	40.31	-58.69	0.00079
38.89	-60.10	0.00073	37.48	-61.52	0.00069
35.36	-63.64	0.00064	31.82	-67.18	0.00057
28.28	-70.71	0.00051	21.21	-77.78	0.00042
14.14	-84.85	0.00034	7.07	-91.92	0.00029
0.00	-98.99	0.00024	-7.07	-106.07	0.00021
-14.14	-113.14	0.00018	-21.21	-120.21	0.00015
127.28	14.14	0.00123	120.21	7.07	0.00141
113.14	0.00	0.00160	106.07	-7.07	0.00181
98.99	-14.14	0.00203	91.92	-21.21	0.00223
84.85	-28.28	0.00236	77.78	-35.36	0.00238
74.25	-38.89	0.00235	70.71	-42.43	0.00228
68.59	-44.55	0.00221	67.18	-45.96	0.00217
65.76	-47.38	0.00211	64.35	-48.79	0.00204
62.93	-50.20	0.00197	50.20	-62.93	0.00103
48.79	-64.35	0.00095	47.38	-65.76	0.00088
45.96	-67.18	0.00082	44.55	-68.59	0.00078
42.43	-70.71	0.00071	38.89	-74.25	0.00063
35.36	-77.78	0.00056	28.28	-84.85	0.00045
21.21	-91.92	0.00037	14.14	-98.99	0.00030
7.07	-106.07	0.00025	0.00	-113.14	0.00021
-7.07	-120.21	0.00018	-14.14	-127.28	0.00016
134.35	7.07	0.00128	127.28	0.00	0.00147
120.21	-7.07	0.00170	113.14	-14.14	0.00196
106.07	-21.21	0.00225	98.99	-28.28	0.00253

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00278	84.85	-42.43	0.00289
81.32	-45.96	0.00288	77.78	-49.50	0.00282
75.66	-51.62	0.00275	74.25	-53.03	0.00269
72.83	-54.45	0.00262	71.42	-55.86	0.00254
70.00	-57.28	0.00245	57.28	-70.00	0.00118
55.86	-71.42	0.00108	54.45	-72.83	0.00100
53.03	-74.25	0.00093	51.62	-75.66	0.00087

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

19:54:09

**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	0.00079	45.96	-81.32	0.00069
42.43	-84.85	0.00061	35.36	-91.92	0.00048
28.28	-98.99	0.00039	21.21	-106.07	0.00031
14.14	-113.14	0.00026	7.07	-120.21	0.00022
0.00	-127.28	0.00019	-7.07	-134.35	0.00017
141.42	0.00	0.00131	134.35	-7.07	0.00153
127.28	-14.14	0.00179	120.21	-21.21	0.00210
113.14	-28.28	0.00245	106.07	-35.36	0.00284
98.99	-42.43	0.00323	91.92	-49.50	0.00352
88.39	-53.03	0.00357	84.85	-56.57	0.00354
82.73	-58.69	0.00348	81.32	-60.10	0.00341
79.90	-61.52	0.00333	78.49	-62.93	0.00323
77.07	-64.35	0.00310	64.35	-77.07	0.00135
62.93	-78.49	0.00122	61.52	-79.90	0.00112
60.10	-81.32	0.00104	58.69	-82.73	0.00096
56.57	-84.85	0.00087	53.03	-88.39	0.00075
49.50	-91.92	0.00066	42.43	-98.99	0.00051
35.36	-106.07	0.00040	28.28	-113.14	0.00033
21.21	-120.21	0.00027	14.14	-127.28	0.00023
7.07	-134.35	0.00020	0.00	-141.42	0.00018
148.49	-7.07	0.00134	141.42	-14.14	0.00157
134.35	-21.21	0.00186	127.28	-28.28	0.00221
120.21	-35.36	0.00263	113.14	-42.43	0.00312
106.07	-49.50	0.00368	98.99	-56.57	0.00421
95.46	-60.10	0.00441	91.92	-63.64	0.00449
89.80	-65.76	0.00446	88.39	-67.18	0.00441
86.97	-68.59	0.00432	85.56	-70.00	0.00420

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00405	71.42	-84.15	0.00152
70.00	-85.56	0.00137	68.59	-86.97	0.00124
67.18	-88.39	0.00114	65.76	-89.80	0.00105
63.64	-91.92	0.00095	60.10	-95.46	0.00081
56.57	-98.99	0.00070	49.50	-106.07	0.00053
42.43	-113.14	0.00042	35.36	-120.21	0.00035
28.28	-127.28	0.00029	21.21	-134.35	0.00025
14.14	-141.42	0.00021	7.07	-148.49	0.00018
155.56	-14.14	0.00136	148.49	-21.21	0.00160
141.42	-28.28	0.00191	134.35	-35.36	0.00230
127.28	-42.43	0.00277	120.21	-49.50	0.00336
113.14	-56.57	0.00407	106.07	-63.64	0.00486
102.53	-67.18	0.00527	98.99	-70.71	0.00559

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

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

19:54:09

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00571	95.46	-74.25	0.00574
94.05	-75.66	0.00572	92.63	-77.07	0.00562
91.22	-78.49	0.00545	78.49	-91.22	0.00169
77.07	-92.63	0.00150	75.66	-94.05	0.00135
74.25	-95.46	0.00123	72.83	-96.87	0.00113
70.71	-98.99	0.00101	67.18	-102.53	0.00085
63.64	-106.07	0.00073	56.57	-113.14	0.00056
49.50	-120.21	0.00045	42.43	-127.28	0.00037
35.36	-134.35	0.00031	28.28	-141.42	0.00026
21.21	-148.49	0.00022	14.14	-155.56	0.00019
162.63	-21.21	0.00137	155.56	-28.28	0.00162
148.49	-35.36	0.00195	141.42	-42.43	0.00236
134.35	-49.50	0.00289	127.28	-56.57	0.00356
120.21	-63.64	0.00440	113.14	-70.71	0.00543
109.60	-74.25	0.00600	106.07	-77.78	0.00658
103.94	-79.90	0.00691	102.53	-81.32	0.00711
101.12	-82.73	0.00729	99.70	-84.15	0.00744
98.29	-85.56	0.00749	85.56	-98.29	0.00182
84.15	-99.70	0.00160	82.73	-101.12	0.00143
81.32	-102.53	0.00130	79.90	-103.94	0.00119
77.78	-106.07	0.00106	74.25	-109.60	0.00090

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00077	63.64	-120.21	0.00059
56.57	-127.28	0.00047	49.50	-134.35	0.00039
42.43	-141.42	0.00032	35.36	-148.49	0.00027
28.28	-155.56	0.00023	21.21	-162.63	0.00020
169.71	-28.28	0.00137	162.63	-35.36	0.00163
155.56	-42.43	0.00197	148.49	-49.50	0.00240
141.42	-56.57	0.00297	134.35	-63.64	0.00372
127.28	-70.71	0.00467	120.21	-77.78	0.00589
116.67	-81.32	0.00661	113.14	-84.85	0.00737
111.02	-86.97	0.00784	109.60	-88.39	0.00814
108.19	-89.80	0.00845	106.77	-91.22	0.00880
105.36	-92.63	0.00916	92.63	-105.36	0.00200
91.22	-106.77	0.00173	89.80	-108.19	0.00154
88.39	-109.60	0.00139	86.97	-111.02	0.00127
84.85	-113.14	0.00113	81.32	-116.67	0.00095
77.78	-120.21	0.00081	70.71	-127.28	0.00062
63.64	-134.35	0.00050	56.57	-141.42	0.00041
49.50	-148.49	0.00034	42.43	-155.56	0.00028
35.36	-162.63	0.00024	28.28	-169.71	0.00021

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

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

19:54:09
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00137	169.71	-42.43	0.00163
162.63	-49.50	0.00196	155.56	-56.57	0.00241
148.49	-63.64	0.00299	141.42	-70.71	0.00377
134.35	-77.78	0.00480	127.28	-84.85	0.00612
123.74	-88.39	0.00690	120.21	-91.92	0.00776
118.09	-94.05	0.00828	116.67	-95.46	0.00862
115.26	-96.87	0.00896	113.84	-98.29	0.00934
112.43	-99.70	0.00977	99.70	-112.43	0.00242
98.29	-113.84	0.00206	96.87	-115.26	0.00180
95.46	-116.67	0.00160	94.05	-118.09	0.00145
91.92	-120.21	0.00127	88.39	-123.74	0.00104
84.85	-127.28	0.00089	77.78	-134.35	0.00067
70.71	-141.42	0.00053	63.64	-148.49	0.00043
56.57	-155.56	0.00035	49.50	-162.63	0.00030
42.43	-169.71	0.00025	35.36	-176.78	0.00022

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00135	176.78	-49.50	0.00160
169.71	-56.57	0.00193	162.63	-63.64	0.00236
155.56	-70.71	0.00293	148.49	-77.78	0.00371
141.42	-84.85	0.00476	134.35	-91.92	0.00615
130.81	-95.46	0.00696	127.28	-98.99	0.00786
125.16	-101.12	0.00843	123.74	-102.53	0.00882
122.33	-103.94	0.00920	120.92	-105.36	0.00961
119.50	-106.77	0.01010	106.77	-119.50	0.00286
105.36	-120.92	0.00243	103.94	-122.33	0.00212
102.53	-123.74	0.00188	101.12	-125.16	0.00169
98.99	-127.28	0.00146	95.46	-130.81	0.00119
91.92	-134.35	0.00100	84.85	-141.42	0.00075
77.78	-148.49	0.00058	70.71	-155.56	0.00046
63.64	-162.63	0.00038	56.57	-169.71	0.00032
49.50	-176.78	0.00027	42.43	-183.85	0.00023
190.92	-49.50	0.00131	183.85	-56.57	0.00155
176.78	-63.64	0.00186	169.71	-70.71	0.00227
162.63	-77.78	0.00281	155.56	-84.85	0.00356
148.49	-91.92	0.00460	141.42	-98.99	0.00598
137.89	-102.53	0.00683	134.35	-106.07	0.00778
132.23	-108.19	0.00840	130.81	-109.60	0.00882
129.40	-111.02	0.00926	127.99	-112.43	0.00970
126.57	-113.84	0.01021	113.84	-126.57	0.00320
112.43	-127.99	0.00275	111.02	-129.40	0.00241
109.60	-130.81	0.00215	108.19	-132.23	0.00193

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

19:54:09
 **MODELOPTs:
 PAGE 39

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00167	102.53	-137.89	0.00135
98.99	-141.42	0.00113	91.92	-148.49	0.00084
84.85	-155.56	0.00064	77.78	-162.63	0.00051
70.71	-169.71	0.00041	63.64	-176.78	0.00034
56.57	-183.85	0.00029	49.50	-190.92	0.00024
197.99	-56.57	0.00127	190.92	-63.64	0.00149
183.85	-70.71	0.00178	176.78	-77.78	0.00215
169.71	-84.85	0.00266	162.63	-91.92	0.00335
155.56	-98.99	0.00430	148.49	-106.07	0.00565

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00652	141.42	-113.14	0.00751
139.30	-115.26	0.00815	137.89	-116.67	0.00860
136.47	-118.09	0.00906	135.06	-119.50	0.00954
133.64	-120.92	0.01008	120.92	-133.64	0.00344
119.50	-135.06	0.00298	118.09	-136.47	0.00264
116.67	-137.89	0.00236	115.26	-139.30	0.00213
113.14	-141.42	0.00186	109.60	-144.96	0.00151
106.07	-148.49	0.00126	98.99	-155.56	0.00092
91.92	-162.63	0.00071	84.85	-169.71	0.00056
77.78	-176.78	0.00045	70.71	-183.85	0.00037
63.64	-190.92	0.00031	56.57	-197.99	0.00026
205.06	-63.64	0.00121	197.99	-70.71	0.00142
190.92	-77.78	0.00169	183.85	-84.85	0.00203
176.78	-91.92	0.00248	169.71	-98.99	0.00308
162.63	-106.07	0.00392	155.56	-113.14	0.00516
152.03	-116.67	0.00600	148.49	-120.21	0.00698
146.37	-122.33	0.00764	144.96	-123.74	0.00810
143.54	-125.16	0.00859	142.13	-126.57	0.00911
140.71	-127.99	0.00968	127.99	-140.71	0.00358
126.57	-142.13	0.00313	125.16	-143.54	0.00279
123.74	-144.96	0.00251	122.33	-146.37	0.00228
120.21	-148.49	0.00200	116.67	-152.03	0.00165
113.14	-155.56	0.00138	106.07	-162.63	0.00101
98.99	-169.71	0.00078	91.92	-176.78	0.00061
84.85	-183.85	0.00049	77.78	-190.92	0.00040
70.71	-197.99	0.00033	63.64	-205.06	0.00027
212.13	-70.71	0.00115	205.06	-77.78	0.00134
197.99	-84.85	0.00158	190.92	-91.92	0.00189
183.85	-98.99	0.00228	176.78	-106.07	0.00279
169.71	-113.14	0.00350	162.63	-120.21	0.00454
159.10	-123.74	0.00526	155.56	-127.28	0.00616

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

19:54:09
 **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	0.00679	152.03	-130.81	0.00725
150.61	-132.23	0.00776	149.20	-133.64	0.00830
147.79	-135.06	0.00893	135.06	-147.79	0.00364

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00321	132.23	-150.61	0.00288
130.81	-152.03	0.00261	129.40	-153.44	0.00239
127.28	-155.56	0.00211	123.74	-159.10	0.00176
120.21	-162.63	0.00149	113.14	-169.71	0.00110
106.07	-176.78	0.00084	98.99	-183.85	0.00066
91.92	-190.92	0.00052	84.85	-197.99	0.00042
77.78	-205.06	0.00035	70.71	-212.13	0.00029
219.20	-77.78	0.00108	212.13	-84.85	0.00125
205.06	-91.92	0.00147	197.99	-98.99	0.00173
190.92	-106.07	0.00206	183.85	-113.14	0.00250
176.78	-120.21	0.00308	169.71	-127.28	0.00390
166.17	-130.81	0.00444	162.63	-134.35	0.00511
160.51	-136.47	0.00561	159.10	-137.89	0.00600
157.68	-139.30	0.00646	156.27	-140.71	0.00699
154.86	-142.13	0.00763	142.13	-154.86	0.00365
140.71	-156.27	0.00325	139.30	-157.68	0.00294
137.89	-159.10	0.00269	136.47	-160.51	0.00247
134.35	-162.63	0.00220	130.81	-166.17	0.00185
127.28	-169.71	0.00157	120.21	-176.78	0.00117
113.14	-183.85	0.00089	106.07	-190.92	0.00069
98.99	-197.99	0.00055	91.92	-205.06	0.00045
84.85	-212.13	0.00037	77.78	-219.20	0.00031
226.27	-84.85	0.00101	219.20	-91.92	0.00116
212.13	-98.99	0.00134	205.06	-106.07	0.00156
197.99	-113.14	0.00184	190.92	-120.21	0.00220
183.85	-127.28	0.00267	176.78	-134.35	0.00328
173.24	-137.89	0.00366	169.71	-141.42	0.00410
167.58	-143.54	0.00441	166.17	-144.96	0.00464
164.76	-146.37	0.00491	163.34	-147.79	0.00524
161.93	-149.20	0.00568	149.20	-161.93	0.00364
147.79	-163.34	0.00327	146.37	-164.76	0.00297
144.96	-166.17	0.00273	143.54	-167.58	0.00252
141.42	-169.71	0.00226	137.89	-173.24	0.00190
134.35	-176.78	0.00163	127.28	-183.85	0.00122
120.21	-190.92	0.00093	113.14	-197.99	0.00073
106.07	-205.06	0.00058	98.99	-212.13	0.00047
91.92	-219.20	0.00039	84.85	-226.27	0.00032

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

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

19:54:09

**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 ,

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW_Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
233.35	-91.92	0.00092	226.27	-98.99	0.00105	
219.20	-106.07	0.00120	212.13	-113.14	0.00139	
205.06	-120.21	0.00162	197.99	-127.28	0.00191	
190.92	-134.35	0.00227	183.85	-141.42	0.00270	
180.31	-144.96	0.00295	176.78	-148.49	0.00322	
174.66	-150.61	0.00340	173.24	-152.03	0.00353	
171.83	-153.44	0.00368	170.41	-154.86	0.00384	
169.00	-156.27	0.00404	156.27	-169.00	0.00353	
154.86	-170.41	0.00322	153.44	-171.83	0.00295	
152.03	-173.24	0.00273	150.61	-174.66	0.00253	
148.49	-176.78	0.00228	144.96	-180.31	0.00193	
141.42	-183.85	0.00166	134.35	-190.92	0.00126	
127.28	-197.99	0.00097	120.21	-205.06	0.00076	
113.14	-212.13	0.00060	106.07	-219.20	0.00049	
98.99	-226.27	0.00041	91.92	-233.35	0.00034	
240.42	-98.99	0.00084	233.35	-106.07	0.00095	
226.27	-113.14	0.00107	219.20	-120.21	0.00123	
212.13	-127.28	0.00142	205.06	-134.35	0.00165	
197.99	-141.42	0.00194	190.92	-148.49	0.00227	
187.38	-152.03	0.00246	183.85	-155.56	0.00266	
181.73	-157.68	0.00280	180.31	-159.10	0.00291	
178.90	-160.51	0.00303	177.48	-161.93	0.00316	
176.07	-163.34	0.00329	163.34	-176.07	0.00311	
161.93	-177.48	0.00292	160.51	-178.90	0.00273	
159.10	-180.31	0.00256	157.68	-181.73	0.00240	
155.56	-183.85	0.00219	152.03	-187.38	0.00189	
148.49	-190.92	0.00164	141.42	-197.99	0.00126	
134.35	-205.06	0.00098	127.28	-212.13	0.00078	
120.21	-219.20	0.00062	113.14	-226.27	0.00051	
106.07	-233.35	0.00042	98.99	-240.42	0.00035	
247.49	-106.07	0.00076	240.42	-113.14	0.00085	
233.35	-120.21	0.00096	226.27	-127.28	0.00110	
219.20	-134.35	0.00126	212.13	-141.42	0.00146	
205.06	-148.49	0.00169	197.99	-155.56	0.00195	
194.45	-159.10	0.00210	190.92	-162.63	0.00228	
188.80	-164.76	0.00240	187.38	-166.17	0.00248	
185.97	-167.58	0.00256	184.55	-169.00	0.00265	
183.14	-170.41	0.00274	170.41	-183.14	0.00266	
169.00	-184.55	0.00253	167.58	-185.97	0.00241	
166.17	-187.38	0.00229	164.76	-188.80	0.00217	

04/18/08

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

19:54:09

**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	0.00201	159.10	-194.45	0.00177
155.56	-197.99	0.00155	148.49	-205.06	0.00122
141.42	-212.13	0.00097	134.35	-219.20	0.00078
127.28	-226.27	0.00063	120.21	-233.35	0.00052
113.14	-240.42	0.00043	106.07	-247.49	0.00036

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00023	-113.14	240.42	0.00023
-120.21	233.35	0.00023	-127.28	226.27	0.00022
-134.35	219.20	0.00022	-141.42	212.13	0.00021
-148.49	205.06	0.00020	-155.56	197.99	0.00019
-159.10	194.45	0.00019	-162.63	190.92	0.00018
-164.76	188.80	0.00018	-166.17	187.38	0.00017
-167.58	185.97	0.00017	-169.00	184.55	0.00017
-170.41	183.14	0.00017	-183.14	170.41	0.00014
-184.55	169.00	0.00014	-185.97	167.58	0.00013
-187.38	166.17	0.00013	-188.80	164.76	0.00013
-190.92	162.63	0.00012	-194.45	159.10	0.00012
-197.99	155.56	0.00011	-205.06	148.49	0.00010
-212.13	141.42	0.00009	-219.20	134.35	0.00008
-226.27	127.28	0.00008	-233.35	120.21	0.00007
-240.42	113.14	0.00007	-247.49	106.07	0.00007
-98.99	240.42	0.00025	-106.07	233.35	0.00024
-113.14	226.27	0.00024	-120.21	219.20	0.00023
-127.28	212.13	0.00023	-134.35	205.06	0.00022
-141.42	197.99	0.00021	-148.49	190.92	0.00020
-152.03	187.38	0.00020	-155.56	183.85	0.00019

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00019	-159.10	180.31	0.00019
-160.51	178.90	0.00018	-161.93	177.48	0.00018
-163.34	176.07	0.00018	-176.07	163.34	0.00015
-177.48	161.93	0.00014	-178.90	160.51	0.00014
-180.31	159.10	0.00014	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00012
-190.92	148.49	0.00011	-197.99	141.42	0.00010
-205.06	134.35	0.00009	-212.13	127.28	0.00008
-219.20	120.21	0.00008	-226.27	113.14	0.00008
-233.35	106.07	0.00007	-240.42	98.99	0.00007
-91.92	233.35	0.00026	-98.99	226.27	0.00026
-106.07	219.20	0.00025	-113.14	212.13	0.00025
-120.21	205.06	0.00024	-127.28	197.99	0.00024
-134.35	190.92	0.00023	-141.42	183.85	0.00022
-144.96	180.31	0.00021	-148.49	176.78	0.00020
-150.61	174.66	0.00020	-152.03	173.24	0.00020
-153.44	171.83	0.00019	-154.86	170.41	0.00019
-156.27	169.00	0.00019	-169.00	156.27	0.00016
-170.41	154.86	0.00015	-171.83	153.44	0.00015
-173.24	152.03	0.00014	-174.66	150.61	0.00014

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

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

19:54:09

**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	0.00014	-180.31	144.96	0.00013
-183.85	141.42	0.00012	-190.92	134.35	0.00011
-197.99	127.28	0.00010	-205.06	120.21	0.00009
-212.13	113.14	0.00008	-219.20	106.07	0.00008
-226.27	99.00	0.00007	-233.35	91.92	0.00007
-84.85	226.27	0.00028	-91.92	219.20	0.00028
-98.99	212.13	0.00027	-106.07	205.06	0.00027
-113.14	197.99	0.00026	-120.21	190.92	0.00025
-127.28	183.85	0.00024	-134.35	176.78	0.00023
-137.89	173.24	0.00023	-141.42	169.71	0.00022
-143.54	167.58	0.00021	-144.96	166.17	0.00021
-146.37	164.76	0.00021	-147.79	163.34	0.00020
-149.20	161.93	0.00020	-161.93	149.20	0.00016
-163.34	147.79	0.00016	-164.76	146.37	0.00016

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00014	-173.24	137.89	0.00013
-176.78	134.35	0.00013	-183.85	127.28	0.00011
-190.92	120.21	0.00010	-197.99	113.14	0.00009
-205.06	106.07	0.00009	-212.13	99.00	0.00008
-219.20	91.92	0.00008	-226.27	84.85	0.00007
-77.78	219.20	0.00030	-84.85	212.13	0.00030
-91.92	205.06	0.00029	-98.99	197.99	0.00028
-106.07	190.92	0.00028	-113.14	183.85	0.00027
-120.21	176.78	0.00026	-127.28	169.71	0.00025
-130.81	166.17	0.00024	-134.35	162.63	0.00023
-136.47	160.51	0.00023	-137.89	159.10	0.00022
-139.30	157.68	0.00022	-140.71	156.27	0.00022
-142.13	154.86	0.00021	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00017
-159.10	137.89	0.00016	-160.51	136.47	0.00016
-162.63	134.35	0.00015	-166.17	130.81	0.00014
-169.71	127.28	0.00013	-176.78	120.21	0.00012
-183.85	113.14	0.00011	-190.92	106.07	0.00010
-197.99	99.00	0.00009	-205.06	91.92	0.00009
-212.13	84.85	0.00008	-219.20	77.78	0.00008
-70.71	212.13	0.00032	-77.78	205.06	0.00032
-84.85	197.99	0.00031	-91.92	190.92	0.00031
-98.99	183.85	0.00030	-106.07	176.78	0.00029
-113.14	169.71	0.00028	-120.21	162.63	0.00027
-123.74	159.10	0.00026	-127.28	155.56	0.00025

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

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

19:54:09
 **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	0.00024	-130.81	152.03	0.00024
-132.23	150.61	0.00024	-133.64	149.20	0.00023
-135.06	147.79	0.00023	-147.79	135.06	0.00018
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00017	-153.44	129.40	0.00017
-155.56	127.28	0.00016	-159.10	123.74	0.00015
-162.63	120.21	0.00014	-169.71	113.14	0.00012
-176.78	106.07	0.00011	-183.85	98.99	0.00010

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00010	-197.99	84.85	0.00009
-205.06	77.78	0.00009	-212.13	70.71	0.00008
-63.64	205.06	0.00034	-70.71	197.99	0.00034
-77.78	190.92	0.00033	-84.85	183.85	0.00033
-91.92	176.78	0.00032	-98.99	169.71	0.00031
-106.07	162.63	0.00030	-113.14	155.56	0.00029
-116.67	152.03	0.00028	-120.21	148.49	0.00027
-122.33	146.37	0.00026	-123.74	144.96	0.00026
-125.16	143.54	0.00025	-126.57	142.13	0.00025
-127.99	140.71	0.00024	-140.71	127.99	0.00020
-142.13	126.57	0.00019	-143.54	125.16	0.00019
-144.96	123.74	0.00018	-146.37	122.33	0.00018
-148.49	120.21	0.00017	-152.03	116.67	0.00016
-155.56	113.14	0.00015	-162.63	106.07	0.00013
-169.71	98.99	0.00012	-176.78	91.92	0.00011
-183.85	84.85	0.00010	-190.92	77.78	0.00009
-197.99	70.71	0.00009	-205.06	63.64	0.00008
-56.57	197.99	0.00037	-63.64	190.92	0.00036
-70.71	183.85	0.00036	-77.78	176.78	0.00035
-84.85	169.71	0.00034	-91.92	162.63	0.00033
-98.99	155.56	0.00032	-106.07	148.49	0.00031
-109.60	144.96	0.00030	-113.14	141.42	0.00029
-115.26	139.30	0.00028	-116.67	137.89	0.00028
-118.09	136.47	0.00027	-119.50	135.06	0.00027
-120.92	133.64	0.00026	-133.64	120.92	0.00021
-135.06	119.50	0.00020	-136.47	118.09	0.00020
-137.89	116.67	0.00019	-139.30	115.26	0.00019
-141.42	113.14	0.00018	-144.96	109.60	0.00017
-148.49	106.07	0.00015	-155.56	98.99	0.00014
-162.63	91.92	0.00012	-169.71	84.85	0.00011
-176.78	77.78	0.00011	-183.85	70.71	0.00010
-190.92	63.64	0.00009	-197.99	56.57	0.00009

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

19:54:09
 **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	0.00039	-56.57	183.85	0.00039
-63.64	176.78	0.00039	-70.71	169.71	0.00038

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00037	-84.85	155.56	0.00036
-91.92	148.49	0.00035	-98.99	141.42	0.00033
-102.53	137.89	0.00032	-106.07	134.35	0.00031
-108.19	132.23	0.00030	-109.60	130.81	0.00030
-111.02	129.40	0.00029	-112.43	127.99	0.00029
-113.84	126.57	0.00028	-126.57	113.84	0.00022
-127.99	112.43	0.00022	-129.40	111.02	0.00021
-130.81	109.60	0.00020	-132.23	108.19	0.00020
-134.35	106.07	0.00019	-137.89	102.53	0.00018
-141.42	98.99	0.00016	-148.49	91.92	0.00014
-155.56	84.85	0.00013	-162.63	77.78	0.00012
-169.71	70.71	0.00011	-176.78	63.64	0.00010
-183.85	56.57	0.00010	-190.92	49.50	0.00009
-42.43	183.85	0.00042	-49.50	176.78	0.00042
-56.57	169.71	0.00042	-63.64	162.63	0.00041
-70.71	155.56	0.00040	-77.78	148.49	0.00039
-84.85	141.42	0.00038	-91.92	134.35	0.00036
-95.46	130.81	0.00035	-98.99	127.28	0.00034
-101.12	125.16	0.00033	-102.53	123.74	0.00032
-103.94	122.33	0.00032	-105.36	120.92	0.00031
-106.77	119.50	0.00030	-119.50	106.77	0.00024
-120.92	105.36	0.00023	-122.33	103.94	0.00023
-123.74	102.53	0.00022	-125.16	101.12	0.00021
-127.28	98.99	0.00020	-130.81	95.46	0.00019
-134.35	91.92	0.00017	-141.42	84.85	0.00015
-148.49	77.78	0.00014	-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	0.00009
-35.36	176.78	0.00045	-42.43	169.71	0.00046
-49.50	162.63	0.00046	-56.57	155.56	0.00045
-63.64	148.49	0.00044	-70.71	141.42	0.00043
-77.78	134.35	0.00041	-84.85	127.28	0.00039
-88.39	123.74	0.00038	-91.92	120.21	0.00037
-94.05	118.09	0.00036	-95.46	116.67	0.00035
-96.87	115.26	0.00034	-98.29	113.84	0.00034
-99.70	112.43	0.00033	-112.43	99.70	0.00026
-113.84	98.29	0.00025	-115.26	96.87	0.00024
-116.67	95.46	0.00023	-118.09	94.05	0.00023

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

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

19:54:09
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_SR03-300_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	0.00021	-123.74	88.39	0.00020
-127.28	84.85	0.00018	-134.35	77.78	0.00016
-141.42	70.71	0.00014	-148.49	63.64	0.00013
-155.56	56.57	0.00012	-162.63	49.50	0.00011
-169.71	42.43	0.00011	-176.78	35.36	0.00010
-28.28	169.71	0.00049	-35.36	162.63	0.00049
-42.43	155.56	0.00049	-49.50	148.49	0.00049
-56.57	141.42	0.00048	-63.64	134.35	0.00047
-70.71	127.28	0.00045	-77.78	120.21	0.00043
-81.32	116.67	0.00042	-84.85	113.14	0.00040
-86.97	111.02	0.00039	-88.39	109.60	0.00038
-89.80	108.19	0.00038	-91.22	106.77	0.00037
-92.63	105.36	0.00036	-105.36	92.63	0.00028
-106.77	91.22	0.00027	-108.19	89.80	0.00026
-109.60	88.39	0.00025	-111.02	86.97	0.00024
-113.14	84.85	0.00023	-116.67	81.32	0.00021
-120.21	77.78	0.00019	-127.28	70.71	0.00017
-134.35	63.64	0.00015	-141.42	56.57	0.00014
-148.49	49.50	0.00013	-155.56	42.43	0.00012
-162.63	35.36	0.00011	-169.71	28.28	0.00010
-21.21	162.63	0.00053	-28.28	155.56	0.00054
-35.36	148.49	0.00054	-42.43	141.42	0.00053
-49.50	134.35	0.00053	-56.57	127.28	0.00051
-63.64	120.21	0.00049	-70.71	113.14	0.00047
-74.25	109.60	0.00046	-77.78	106.07	0.00044
-79.90	103.94	0.00043	-81.32	102.53	0.00042
-82.73	101.12	0.00041	-84.15	99.70	0.00040
-85.56	98.29	0.00039	-98.29	85.56	0.00030
-99.70	84.15	0.00029	-101.12	82.73	0.00028
-102.53	81.32	0.00027	-103.94	79.90	0.00026
-106.07	77.78	0.00025	-109.60	74.25	0.00022
-113.14	70.71	0.00021	-120.21	63.64	0.00018
-127.28	56.57	0.00016	-134.35	49.50	0.00015
-141.42	42.43	0.00014	-148.49	35.36	0.00013
-155.56	28.28	0.00011	-162.63	21.21	0.00010
-14.14	155.56	0.00057	-21.21	148.49	0.00058
-28.28	141.42	0.00059	-35.36	134.35	0.00059
-42.43	127.28	0.00058	-49.50	120.21	0.00056
-56.57	113.14	0.00054	-63.64	106.07	0.00052
-67.18	102.53	0.00050	-70.71	98.99	0.00048

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

*** NCRA Cumulative DPM Impacts

19:54:09

**MODELOPTs:

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00047	-74.25	95.46	0.00046
-75.66	94.05	0.00045	-77.07	92.63	0.00044
-78.49	91.22	0.00043	-91.22	78.49	0.00032
-92.63	77.07	0.00031	-94.05	75.66	0.00030
-95.46	74.25	0.00029	-96.87	72.83	0.00028
-98.99	70.71	0.00026	-102.53	67.18	0.00024
-106.07	63.64	0.00022	-113.14	56.57	0.00019
-120.21	49.50	0.00017	-127.28	42.43	0.00016
-134.35	35.36	0.00015	-141.42	28.28	0.00013
-148.49	21.21	0.00012	-155.56	14.14	0.00011
-7.07	148.49	0.00062	-14.14	141.42	0.00064
-21.21	134.35	0.00064	-28.28	127.28	0.00064
-35.36	120.21	0.00064	-42.43	113.14	0.00062
-49.50	106.07	0.00060	-56.57	98.99	0.00057
-60.10	95.46	0.00056	-63.64	91.92	0.00053
-65.76	89.80	0.00052	-67.18	88.39	0.00051
-68.59	86.97	0.00050	-70.00	85.56	0.00049
-71.42	84.15	0.00048	-84.15	71.42	0.00035
-85.56	70.00	0.00034	-86.97	68.59	0.00033
-88.39	67.18	0.00031	-89.80	65.76	0.00030
-91.92	63.64	0.00028	-95.46	60.10	0.00026
-98.99	56.57	0.00024	-106.07	49.50	0.00021
-113.14	42.43	0.00019	-120.21	35.36	0.00017
-127.28	28.28	0.00015	-134.35	21.21	0.00014
-141.42	14.14	0.00012	-148.49	7.07	0.00011
0.00	141.42	0.00067	-7.07	134.35	0.00069
-14.14	127.28	0.00071	-21.21	120.21	0.00071
-28.28	113.14	0.00071	-35.36	106.07	0.00069
-42.43	98.99	0.00067	-49.50	91.92	0.00064
-53.03	88.39	0.00062	-56.57	84.85	0.00059
-58.69	82.73	0.00058	-60.10	81.32	0.00057
-61.52	79.90	0.00055	-62.93	78.49	0.00054
-64.35	77.07	0.00053	-77.07	64.35	0.00038
-78.49	62.93	0.00037	-79.90	61.52	0.00035

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00034	-82.73	58.69	0.00032
-84.85	56.57	0.00031	-88.39	53.03	0.00028
-91.92	49.50	0.00025	-98.99	42.43	0.00022
-106.07	35.36	0.00020	-113.14	28.28	0.00018
-120.21	21.21	0.00016	-127.28	14.14	0.00014
-134.35	7.07	0.00013	-141.42	0.00	0.00011

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

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00073	0.00	127.28	0.00076
-7.07	120.21	0.00078	-14.14	113.14	0.00079
-21.21	106.07	0.00079	-28.28	98.99	0.00077
-35.36	91.92	0.00075	-42.43	84.85	0.00071
-45.96	81.32	0.00069	-49.50	77.78	0.00067
-51.62	75.66	0.00065	-53.03	74.25	0.00063
-54.45	72.83	0.00062	-55.86	71.42	0.00061
-57.28	70.00	0.00059	-70.00	57.28	0.00042
-71.42	55.86	0.00040	-72.83	54.45	0.00038
-74.25	53.03	0.00037	-75.66	51.62	0.00035
-77.78	49.50	0.00033	-81.32	45.96	0.00030
-84.85	42.43	0.00027	-91.92	35.36	0.00024
-98.99	28.28	0.00022	-106.07	21.21	0.00019
-113.14	14.14	0.00017	-120.21	7.07	0.00015
-127.28	0.00	0.00013	-134.35	-7.07	0.00012
14.14	127.28	0.00079	7.07	120.21	0.00083
0.00	113.14	0.00086	-7.07	106.07	0.00087
-14.14	98.99	0.00088	-21.21	91.92	0.00087
-28.28	84.85	0.00084	-35.36	77.78	0.00080
-38.89	74.25	0.00078	-42.43	70.71	0.00075
-44.55	68.59	0.00073	-45.96	67.18	0.00071
-47.38	65.76	0.00070	-48.79	64.35	0.00068
-50.20	62.93	0.00066	-62.93	50.20	0.00046
-64.35	48.79	0.00044	-65.76	47.38	0.00042
-67.18	45.96	0.00040	-68.59	44.55	0.00038
-70.71	42.43	0.00036	-74.25	38.89	0.00032
-77.78	35.36	0.00030	-84.85	28.28	0.00026
-91.92	21.21	0.00023	-98.99	14.14	0.00020

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00018	-113.14	0.00	0.00016
-120.21	-7.07	0.00014	-127.28	-14.14	0.00012
21.21	120.21	0.00086	14.14	113.14	0.00090
7.07	106.07	0.00094	0.00	98.99	0.00097
-7.07	91.92	0.00099	-14.14	84.85	0.00098
-21.21	77.78	0.00096	-28.28	70.71	0.00091
-31.82	67.18	0.00088	-35.36	63.64	0.00085
-37.48	61.52	0.00083	-38.89	60.10	0.00081
-40.31	58.69	0.00079	-41.72	57.28	0.00077
-43.13	55.86	0.00075	-55.86	43.13	0.00051
-57.28	41.72	0.00049	-58.69	40.31	0.00046
-60.10	38.89	0.00044	-61.52	37.48	0.00042

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

19:54:09

**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	0.00039	-67.18	31.82	0.00035
-70.71	28.28	0.00032	-77.78	21.21	0.00028
-84.85	14.14	0.00025	-91.92	7.07	0.00022
-98.99	0.00	0.00019	-106.07	-7.07	0.00016
-113.14	-14.14	0.00015	-120.21	-21.21	0.00013
28.28	113.14	0.00092	21.21	106.07	0.00099
14.14	98.99	0.00104	7.07	91.92	0.00108
0.00	84.85	0.00111	-7.07	77.78	0.00111
-14.14	70.71	0.00109	-21.21	63.64	0.00104
-24.75	60.10	0.00101	-28.28	56.57	0.00097
-30.41	54.45	0.00095	-31.82	53.03	0.00093
-33.23	51.62	0.00091	-34.65	50.20	0.00088
-36.06	48.79	0.00086	-48.79	36.06	0.00057
-50.20	34.65	0.00054	-51.62	33.23	0.00051
-53.03	31.82	0.00048	-54.45	30.41	0.00046
-56.57	28.28	0.00043	-60.10	24.75	0.00038
-63.64	21.21	0.00035	-70.71	14.14	0.00031
-77.78	7.07	0.00027	-84.85	0.00	0.00023
-91.92	-7.07	0.00020	-98.99	-14.14	0.00017
-106.07	-21.21	0.00015	-113.14	-28.28	0.00014
35.36	106.07	0.00099	28.28	98.99	0.00107
21.21	91.92	0.00115	14.14	84.85	0.00121

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00125	0.00	70.71	0.00127
-7.07	63.64	0.00126	-14.14	56.57	0.00121
-17.68	53.03	0.00117	-21.21	49.50	0.00113
-23.33	47.38	0.00110	-24.75	45.96	0.00107
-26.16	44.55	0.00105	-27.58	43.13	0.00102
-28.99	41.72	0.00099	-41.72	28.99	0.00063
-43.13	27.58	0.00060	-44.55	26.16	0.00056
-45.96	24.75	0.00053	-47.38	23.33	0.00050
-49.50	21.21	0.00047	-53.03	17.68	0.00042
-56.57	14.14	0.00039	-63.64	7.07	0.00033
-70.71	0.00	0.00028	-77.78	-7.07	0.00024
-84.85	-14.14	0.00021	-91.92	-21.21	0.00018
-98.99	-28.28	0.00016	-106.07	-35.36	0.00014
42.43	98.99	0.00106	35.36	91.92	0.00116
28.28	84.85	0.00126	21.21	77.78	0.00135
14.14	70.71	0.00142	7.07	63.64	0.00146
0.00	56.57	0.00146	-7.07	49.50	0.00141
-10.61	45.96	0.00137	-14.14	42.43	0.00132

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

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

19:54:09
 **MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00128	-17.68	38.89	0.00125
-19.09	37.48	0.00122	-20.51	36.06	0.00119
-21.92	34.65	0.00115	-34.65	21.92	0.00071
-36.06	20.51	0.00067	-37.48	19.09	0.00063
-38.89	17.68	0.00059	-40.31	16.26	0.00056
-42.43	14.14	0.00052	-45.96	10.61	0.00046
-49.50	7.07	0.00042	-56.57	0.00	0.00036
-63.64	-7.07	0.00030	-70.71	-14.14	0.00026
-77.78	-21.21	0.00022	-84.85	-28.28	0.00019
-91.92	-35.36	0.00017	-98.99	-42.43	0.00014
49.50	91.92	0.00112	42.43	84.85	0.00125
35.36	77.78	0.00138	28.28	70.71	0.00150
21.21	63.64	0.00161	14.14	56.57	0.00168
7.07	49.50	0.00170	0.00	42.43	0.00166
-3.54	38.89	0.00162	-7.07	35.36	0.00156
-9.19	33.23	0.00151	-10.61	31.82	0.00148

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00144	-13.44	28.99	0.00140
-14.85	27.58	0.00135	-27.58	14.85	0.00080
-28.99	13.44	0.00075	-30.41	12.02	0.00070
-31.82	10.61	0.00066	-33.23	9.19	0.00062
-35.36	7.07	0.00057	-38.89	3.54	0.00051
-42.43	0.00	0.00047	-49.50	-7.07	0.00039
-56.57	-14.14	0.00032	-63.64	-21.21	0.00027
-70.71	-28.28	0.00023	-77.78	-35.36	0.00020
-84.85	-42.43	0.00017	-91.92	-49.50	0.00015
56.57	84.85	0.00118	49.50	77.78	0.00133
42.43	70.71	0.00149	35.36	63.64	0.00166
28.28	56.57	0.00181	21.21	49.50	0.00193
14.14	42.43	0.00200	7.07	35.36	0.00198
3.54	31.82	0.00194	0.00	28.28	0.00187
-2.12	26.16	0.00182	-3.54	24.75	0.00177
-4.95	23.33	0.00173	-6.36	21.92	0.00168
-7.78	20.51	0.00162	-20.51	7.78	0.00091
-21.92	6.36	0.00084	-23.33	4.95	0.00079
-24.75	3.54	0.00073	-26.16	2.12	0.00069
-28.28	0.00	0.00064	-31.82	-3.54	0.00057
-35.36	-7.07	0.00051	-42.43	-14.14	0.00042
-49.50	-21.21	0.00034	-56.57	-28.28	0.00029
-63.64	-35.36	0.00024	-70.71	-42.43	0.00021
-77.78	-49.50	0.00018	-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 ***

19:54:09
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00123	56.57	70.71	0.00141
49.50	63.64	0.00160	42.43	56.57	0.00181
35.36	49.50	0.00203	28.28	42.43	0.00223
21.21	35.36	0.00236	14.14	28.28	0.00238
10.61	24.75	0.00235	7.07	21.21	0.00228
4.95	19.09	0.00221	3.54	17.68	0.00217
2.12	16.26	0.00211	0.71	14.85	0.00204
-0.71	13.44	0.00197	-13.44	0.71	0.00103
-14.85	-0.71	0.00095	-16.26	-2.12	0.00088
-17.68	-3.54	0.00082	-19.09	-4.95	0.00078

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00071	-24.75	-10.61	0.00063
-28.28	-14.14	0.00056	-35.36	-21.21	0.00045
-42.43	-28.28	0.00037	-49.50	-35.36	0.00030
-56.57	-42.43	0.00025	-63.64	-49.50	0.00021
-70.71	-56.57	0.00018	-77.78	-63.64	0.00016
70.71	70.71	0.00128	63.64	63.64	0.00147
56.57	56.57	0.00170	49.50	49.50	0.00196
42.43	42.43	0.00225	35.36	35.36	0.00253
28.28	28.28	0.00278	21.21	21.21	0.00289
17.68	17.68	0.00288	14.14	14.14	0.00282
12.02	12.02	0.00275	10.61	10.61	0.00269
9.19	9.19	0.00262	7.78	7.78	0.00254
6.36	6.36	0.00245	-6.36	-6.36	0.00118
-7.78	-7.78	0.00108	-9.19	-9.19	0.00100
-10.61	-10.61	0.00093	-12.02	-12.02	0.00087
-14.14	-14.14	0.00079	-17.68	-17.68	0.00069
-21.21	-21.21	0.00061	-28.28	-28.28	0.00048
-35.36	-35.36	0.00039	-42.43	-42.43	0.00031
-49.50	-49.50	0.00026	-56.57	-56.57	0.00022
-63.64	-63.64	0.00019	-70.71	-70.71	0.00017
77.78	63.64	0.00131	70.71	56.57	0.00153
63.64	49.50	0.00179	56.57	42.43	0.00210
49.50	35.36	0.00245	42.43	28.28	0.00284
35.36	21.21	0.00323	28.28	14.14	0.00352
24.75	10.61	0.00357	21.21	7.07	0.00354
19.09	4.95	0.00348	17.68	3.54	0.00341
16.26	2.12	0.00333	14.85	0.71	0.00323
13.44	-0.71	0.00310	0.71	-13.44	0.00135
-0.71	-14.85	0.00122	-2.12	-16.26	0.00112
-3.54	-17.68	0.00104	-4.95	-19.09	0.00096

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

19:54:09
 **MODELOPTs:
 PAGE 53
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00087	-10.61	-24.75	0.00075
-14.14	-28.28	0.00066	-21.21	-35.36	0.00051
-28.28	-42.43	0.00040	-35.36	-49.50	0.00033
-42.43	-56.57	0.00027	-49.50	-63.64	0.00023

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00020	-63.64	-77.78	0.00018
84.85	56.57	0.00134	77.78	49.50	0.00157
70.71	42.43	0.00186	63.64	35.36	0.00221
56.57	28.28	0.00263	49.50	21.21	0.00312
42.43	14.14	0.00368	35.36	7.07	0.00421
31.82	3.54	0.00441	28.28	0.00	0.00449
26.16	-2.12	0.00446	24.75	-3.54	0.00441
23.33	-4.95	0.00432	21.92	-6.36	0.00420
20.51	-7.78	0.00405	7.78	-20.51	0.00152
6.36	-21.92	0.00137	4.95	-23.33	0.00124
3.54	-24.75	0.00114	2.12	-26.16	0.00105
0.00	-28.28	0.00095	-3.54	-31.82	0.00081
-7.07	-35.36	0.00070	-14.14	-42.43	0.00053
-21.21	-49.50	0.00042	-28.28	-56.57	0.00035
-35.36	-63.64	0.00029	-42.43	-70.71	0.00025
-49.50	-77.78	0.00021	-56.57	-84.85	0.00018
91.92	49.50	0.00136	84.85	42.43	0.00160
77.78	35.36	0.00191	70.71	28.28	0.00230
63.64	21.21	0.00277	56.57	14.14	0.00336
49.50	7.07	0.00407	42.43	0.00	0.00486
38.89	-3.54	0.00527	35.36	-7.07	0.00559
33.23	-9.19	0.00571	31.82	-10.61	0.00574
30.41	-12.02	0.00572	28.99	-13.44	0.00562
27.58	-14.85	0.00545	14.85	-27.58	0.00169
13.44	-28.99	0.00150	12.02	-30.41	0.00135
10.61	-31.82	0.00123	9.19	-33.23	0.00113
7.07	-35.36	0.00101	3.54	-38.89	0.00085
0.00	-42.43	0.00073	-7.07	-49.50	0.00056
-14.14	-56.57	0.00045	-21.21	-63.64	0.00037
-28.28	-70.71	0.00031	-35.36	-77.78	0.00026
-42.43	-84.85	0.00022	-49.50	-91.92	0.00019
98.99	42.43	0.00137	91.92	35.36	0.00162
84.85	28.28	0.00195	77.78	21.21	0.00236
70.71	14.14	0.00289	63.64	7.07	0.00356
56.57	0.00	0.00440	49.50	-7.07	0.00543
45.96	-10.61	0.00600	42.43	-14.14	0.00658

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

19:54:09
 **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 ***

13NCRA_SR03-300_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	0.00691	38.89	-17.68	0.00711
37.48	-19.09	0.00729	36.06	-20.51	0.00744
34.65	-21.92	0.00749	21.92	-34.65	0.00182
20.51	-36.06	0.00160	19.09	-37.48	0.00143
17.68	-38.89	0.00130	16.26	-40.31	0.00119
14.14	-42.43	0.00106	10.61	-45.96	0.00090
7.07	-49.50	0.00077	0.00	-56.57	0.00059
-7.07	-63.64	0.00047	-14.14	-70.71	0.00039
-21.21	-77.78	0.00032	-28.28	-84.85	0.00027
-35.36	-91.92	0.00023	-42.43	-98.99	0.00020
106.07	35.36	0.00137	98.99	28.28	0.00163
91.92	21.21	0.00197	84.85	14.14	0.00240
77.78	7.07	0.00297	70.71	0.00	0.00372
63.64	-7.07	0.00467	56.57	-14.14	0.00589
53.03	-17.68	0.00661	49.50	-21.21	0.00737
47.38	-23.33	0.00784	45.96	-24.75	0.00814
44.55	-26.16	0.00845	43.13	-27.58	0.00880
41.72	-28.99	0.00916	28.99	-41.72	0.00200
27.58	-43.13	0.00173	26.16	-44.55	0.00154
24.75	-45.96	0.00139	23.33	-47.38	0.00127
21.21	-49.50	0.00113	17.68	-53.03	0.00095
14.14	-56.57	0.00081	7.07	-63.64	0.00062
0.00	-70.71	0.00050	-7.07	-77.78	0.00041
-14.14	-84.85	0.00034	-21.21	-91.92	0.00028
-28.28	-98.99	0.00024	-35.36	-106.07	0.00021
113.14	28.28	0.00137	106.07	21.21	0.00163
98.99	14.14	0.00196	91.92	7.07	0.00241
84.85	0.00	0.00299	77.78	-7.07	0.00377
70.71	-14.14	0.00480	63.64	-21.21	0.00612
60.10	-24.75	0.00690	56.57	-28.28	0.00776
54.45	-30.41	0.00828	53.03	-31.82	0.00862
51.62	-33.23	0.00896	50.20	-34.65	0.00934
48.79	-36.06	0.00977	36.06	-48.79	0.00242
34.65	-50.20	0.00206	33.23	-51.62	0.00180
31.82	-53.03	0.00160	30.41	-54.45	0.00145
28.28	-56.57	0.00127	24.75	-60.10	0.00104
21.21	-63.64	0.00089	14.14	-70.71	0.00067
7.07	-77.78	0.00053	0.00	-84.85	0.00043
-7.07	-91.92	0.00035	-14.14	-98.99	0.00030
-21.21	-106.07	0.00025	-28.28	-113.14	0.00022

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

*** NCRA Cumulative DPM Impacts

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

19:54:09
 **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	0.00160	
106.07	7.07	0.00193	98.99	0.00	0.00236	
91.92	-7.07	0.00293	84.85	-14.14	0.00371	
77.78	-21.21	0.00476	70.71	-28.28	0.00615	
67.18	-31.82	0.00696	63.64	-35.36	0.00786	
61.52	-37.48	0.00843	60.10	-38.89	0.00882	
58.69	-40.31	0.00921	57.28	-41.72	0.00961	
55.86	-43.13	0.01010	43.13	-55.86	0.00286	
41.72	-57.28	0.00243	40.31	-58.69	0.00212	
38.89	-60.10	0.00188	37.48	-61.52	0.00169	
35.36	-63.64	0.00146	31.82	-67.18	0.00119	
28.28	-70.71	0.00100	21.21	-77.78	0.00075	
14.14	-84.85	0.00058	7.07	-91.92	0.00046	
0.00	-98.99	0.00038	-7.07	-106.07	0.00032	
-14.14	-113.14	0.00027	-21.21	-120.21	0.00023	
127.28	14.14	0.00131	120.21	7.07	0.00155	
113.14	0.00	0.00186	106.07	-7.07	0.00227	
98.99	-14.14	0.00281	91.92	-21.21	0.00356	
84.85	-28.28	0.00460	77.78	-35.36	0.00598	
74.25	-38.89	0.00683	70.71	-42.43	0.00778	
68.59	-44.55	0.00840	67.18	-45.96	0.00882	
65.76	-47.38	0.00926	64.35	-48.79	0.00970	
62.93	-50.20	0.01021	50.20	-62.93	0.00320	
48.79	-64.35	0.00275	47.38	-65.76	0.00241	
45.96	-67.18	0.00215	44.55	-68.59	0.00193	
42.43	-70.71	0.00167	38.89	-74.25	0.00135	
35.36	-77.78	0.00113	28.28	-84.85	0.00084	
21.21	-91.92	0.00064	14.14	-98.99	0.00051	
7.07	-106.07	0.00041	0.00	-113.14	0.00034	
-7.07	-120.21	0.00029	-14.14	-127.28	0.00024	
134.35	7.07	0.00127	127.28	0.00	0.00149	
120.21	-7.07	0.00178	113.14	-14.14	0.00215	
106.07	-21.21	0.00266	98.99	-28.28	0.00335	
91.92	-35.36	0.00430	84.85	-42.43	0.00565	
81.32	-45.96	0.00652	77.78	-49.50	0.00751	
75.66	-51.62	0.00815	74.25	-53.03	0.00860	

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00906	71.42	-55.86	0.00954
70.00	-57.28	0.01008	57.28	-70.00	0.00344
55.86	-71.42	0.00298	54.45	-72.83	0.00264
53.03	-74.25	0.00236	51.62	-75.66	0.00213

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

19:54:09
 **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	0.00186	45.96	-81.32	0.00151
42.43	-84.85	0.00126	35.36	-91.92	0.00093
28.28	-98.99	0.00071	21.21	-106.07	0.00056
14.14	-113.14	0.00045	7.07	-120.21	0.00037
0.00	-127.28	0.00031	-7.07	-134.35	0.00026
141.42	0.00	0.00121	134.35	-7.07	0.00142
127.28	-14.14	0.00169	120.21	-21.21	0.00203
113.14	-28.28	0.00248	106.07	-35.36	0.00308
98.99	-42.43	0.00392	91.92	-49.50	0.00516
88.39	-53.03	0.00600	84.85	-56.57	0.00698
82.73	-58.69	0.00764	81.32	-60.10	0.00810
79.90	-61.52	0.00859	78.49	-62.93	0.00911
77.07	-64.35	0.00968	64.35	-77.07	0.00358
62.93	-78.49	0.00313	61.52	-79.90	0.00279
60.10	-81.32	0.00251	58.69	-82.73	0.00228
56.57	-84.85	0.00200	53.03	-88.39	0.00165
49.50	-91.92	0.00138	42.43	-98.99	0.00101
35.36	-106.07	0.00078	28.28	-113.14	0.00061
21.21	-120.21	0.00049	14.14	-127.28	0.00040
7.07	-134.35	0.00033	0.00	-141.42	0.00027
148.49	-7.07	0.00115	141.42	-14.14	0.00134
134.35	-21.21	0.00158	127.28	-28.28	0.00189
120.21	-35.36	0.00228	113.14	-42.43	0.00279
106.07	-49.50	0.00350	98.99	-56.57	0.00454
95.46	-60.10	0.00526	91.92	-63.64	0.00616
89.80	-65.76	0.00679	88.39	-67.18	0.00726
86.97	-68.59	0.00776	85.56	-70.00	0.00830
84.15	-71.42	0.00893	71.42	-84.15	0.00364
70.00	-85.56	0.00321	68.59	-86.97	0.00288
67.18	-88.39	0.00261	65.76	-89.80	0.00239

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00211	60.10	-95.46	0.00176
56.57	-98.99	0.00149	49.50	-106.07	0.00110
42.43	-113.14	0.00084	35.36	-120.21	0.00066
28.28	-127.28	0.00052	21.21	-134.35	0.00042
14.14	-141.42	0.00035	7.07	-148.49	0.00029
155.56	-14.14	0.00108	148.49	-21.21	0.00125
141.42	-28.28	0.00147	134.35	-35.36	0.00173
127.28	-42.43	0.00206	120.21	-49.50	0.00250
113.14	-56.57	0.00308	106.07	-63.64	0.00390
102.53	-67.18	0.00444	98.99	-70.71	0.00511

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

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

19:54:09

**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	0.00561	95.46	-74.25	0.00600
94.05	-75.66	0.00646	92.63	-77.07	0.00699
91.22	-78.49	0.00763	78.49	-91.22	0.00365
77.07	-92.63	0.00325	75.66	-94.05	0.00294
74.25	-95.46	0.00269	72.83	-96.87	0.00247
70.71	-98.99	0.00220	67.18	-102.53	0.00185
63.64	-106.07	0.00157	56.57	-113.14	0.00117
49.50	-120.21	0.00089	42.43	-127.28	0.00069
35.36	-134.35	0.00055	28.28	-141.42	0.00045
21.21	-148.49	0.00037	14.14	-155.56	0.00031
162.63	-21.21	0.00101	155.56	-28.28	0.00116
148.49	-35.36	0.00134	141.42	-42.43	0.00156
134.35	-49.50	0.00184	127.28	-56.57	0.00220
120.21	-63.64	0.00267	113.14	-70.71	0.00328
109.60	-74.25	0.00366	106.07	-77.78	0.00410
103.94	-79.90	0.00441	102.53	-81.32	0.00464
101.12	-82.73	0.00491	99.70	-84.15	0.00524
98.29	-85.56	0.00568	85.56	-98.29	0.00364
84.15	-99.70	0.00327	82.73	-101.12	0.00297
81.32	-102.53	0.00273	79.90	-103.94	0.00252
77.78	-106.07	0.00226	74.25	-109.60	0.00190
70.71	-113.14	0.00163	63.64	-120.21	0.00122
56.57	-127.28	0.00093	49.50	-134.35	0.00073
42.43	-141.42	0.00058	35.36	-148.49	0.00047

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00039	21.21	-162.63	0.00032
169.71	-28.28	0.00092	162.63	-35.36	0.00105
155.56	-42.43	0.00120	148.49	-49.50	0.00139
141.42	-56.57	0.00162	134.35	-63.64	0.00191
127.28	-70.71	0.00227	120.21	-77.78	0.00270
116.67	-81.32	0.00295	113.14	-84.85	0.00322
111.02	-86.97	0.00340	109.60	-88.39	0.00353
108.19	-89.80	0.00368	106.77	-91.22	0.00384
105.36	-92.63	0.00404	92.63	-105.36	0.00353
91.22	-106.77	0.00322	89.80	-108.19	0.00295
88.39	-109.60	0.00273	86.97	-111.02	0.00253
84.85	-113.14	0.00228	81.32	-116.67	0.00193
77.78	-120.21	0.00166	70.71	-127.28	0.00126
63.64	-134.35	0.00097	56.57	-141.42	0.00076
49.50	-148.49	0.00060	42.43	-155.56	0.00049
35.36	-162.63	0.00041	28.28	-169.71	0.00034

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00084	169.71	-42.43	0.00095
162.63	-49.50	0.00107	155.56	-56.57	0.00123
148.49	-63.64	0.00142	141.42	-70.71	0.00165
134.35	-77.78	0.00194	127.28	-84.85	0.00227
123.74	-88.39	0.00246	120.21	-91.92	0.00266
118.09	-94.05	0.00280	116.67	-95.46	0.00291
115.26	-96.87	0.00303	113.84	-98.29	0.00316
112.43	-99.70	0.00329	99.70	-112.43	0.00311
98.29	-113.84	0.00292	96.87	-115.26	0.00273
95.46	-116.67	0.00256	94.05	-118.09	0.00240
91.92	-120.21	0.00219	88.39	-123.74	0.00189
84.85	-127.28	0.00164	77.78	-134.35	0.00126
70.71	-141.42	0.00098	63.64	-148.49	0.00078
56.57	-155.56	0.00062	49.50	-162.63	0.00051
42.43	-169.71	0.00042	35.36	-176.78	0.00035
183.85	-42.43	0.00076	176.78	-49.50	0.00085
169.71	-56.57	0.00096	162.63	-63.64	0.00110
155.56	-70.71	0.00126	148.49	-77.78	0.00146

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00169	134.35	-91.92	0.00195
130.81	-95.46	0.00210	127.28	-98.99	0.00228
125.16	-101.12	0.00240	123.74	-102.53	0.00248
122.33	-103.94	0.00256	120.92	-105.36	0.00265
119.50	-106.77	0.00274	106.77	-119.50	0.00266
105.36	-120.92	0.00253	103.94	-122.33	0.00241
102.53	-123.74	0.00229	101.12	-125.16	0.00217
98.99	-127.28	0.00201	95.46	-130.81	0.00177
91.92	-134.35	0.00155	84.85	-141.42	0.00122
77.78	-148.49	0.00097	70.71	-155.56	0.00078
63.64	-162.63	0.00063	56.57	-169.71	0.00052
49.50	-176.78	0.00043	42.43	-183.85	0.00036
190.92	-49.50	0.00070	183.85	-56.57	0.00078
176.78	-63.64	0.00087	169.71	-70.71	0.00099
162.63	-77.78	0.00113	155.56	-84.85	0.00129
148.49	-91.92	0.00148	141.42	-98.99	0.00170
137.89	-102.53	0.00183	134.35	-106.07	0.00196
132.23	-108.19	0.00204	130.81	-109.60	0.00210
129.40	-111.02	0.00216	127.99	-112.43	0.00223
126.57	-113.84	0.00230	113.84	-126.57	0.00226
112.43	-127.99	0.00217	111.02	-129.40	0.00208
109.60	-130.81	0.00200	108.19	-132.23	0.00191

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

19:54:09

**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	0.00179	102.53	-137.89	0.00161
98.99	-141.42	0.00144	91.92	-148.49	0.00115
84.85	-155.56	0.00094	77.78	-162.63	0.00076
70.71	-169.71	0.00062	63.64	-176.78	0.00052
56.57	-183.85	0.00043	49.50	-190.92	0.00037
197.99	-56.57	0.00064	190.92	-63.64	0.00071
183.85	-70.71	0.00080	176.78	-77.78	0.00090
169.71	-84.85	0.00101	162.63	-91.92	0.00115
155.56	-98.99	0.00131	148.49	-106.07	0.00150
144.96	-109.60	0.00159	141.42	-113.14	0.00168
139.30	-115.26	0.00174	137.89	-116.67	0.00179
136.47	-118.09	0.00184	135.06	-119.50	0.00189

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00194	120.92	-133.64	0.00192
119.50	-135.06	0.00186	118.09	-136.47	0.00179
116.67	-137.89	0.00173	115.26	-139.30	0.00167
113.14	-141.42	0.00158	109.60	-144.96	0.00144
106.07	-148.49	0.00131	98.99	-155.56	0.00108
91.92	-162.63	0.00089	84.85	-169.71	0.00073
77.78	-176.78	0.00061	70.71	-183.85	0.00051
63.64	-190.92	0.00043	56.57	-197.99	0.00037
205.06	-63.64	0.00059	197.99	-70.71	0.00065
190.92	-77.78	0.00073	183.85	-84.85	0.00081
176.78	-91.92	0.00091	169.71	-98.99	0.00103
162.63	-106.07	0.00117	155.56	-113.14	0.00131
152.03	-116.67	0.00137	148.49	-120.21	0.00145
146.37	-122.33	0.00150	144.96	-123.74	0.00154
143.54	-125.16	0.00158	142.13	-126.57	0.00162
140.71	-127.99	0.00166	127.99	-140.71	0.00164
126.57	-142.13	0.00159	125.16	-143.54	0.00155
123.74	-144.96	0.00150	122.33	-146.37	0.00145
120.21	-148.49	0.00138	116.67	-152.03	0.00127
113.14	-155.56	0.00117	106.07	-162.63	0.00099
98.99	-169.71	0.00083	91.92	-176.78	0.00070
84.85	-183.85	0.00059	77.78	-190.92	0.00050
70.71	-197.99	0.00042	63.64	-205.06	0.00036
212.13	-70.71	0.00054	205.06	-77.78	0.00060
197.99	-84.85	0.00066	190.92	-91.92	0.00074
183.85	-98.99	0.00083	176.78	-106.07	0.00094
169.71	-113.14	0.00104	162.63	-120.21	0.00114
159.10	-123.74	0.00119	155.56	-127.28	0.00126

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

19:54:09

**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	0.00130	152.03	-130.81	0.00133
150.61	-132.23	0.00136	149.20	-133.64	0.00139
147.79	-135.06	0.00142	135.06	-147.79	0.00141
133.64	-149.20	0.00137	132.23	-150.61	0.00134
130.81	-152.03	0.00131	129.40	-153.44	0.00127
127.28	-155.56	0.00122	123.74	-159.10	0.00113

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00105	113.14	-169.71	0.00090
106.07	-176.78	0.00077	98.99	-183.85	0.00066
91.92	-190.92	0.00056	84.85	-197.99	0.00048
77.78	-205.06	0.00041	70.71	-212.13	0.00035
219.20	-77.78	0.00050	212.13	-84.85	0.00055
205.06	-91.92	0.00061	197.99	-98.99	0.00068
190.92	-106.07	0.00076	183.85	-113.14	0.00085
176.78	-120.21	0.00093	169.71	-127.28	0.00100
166.17	-130.81	0.00105	162.63	-134.35	0.00110
160.51	-136.47	0.00114	159.10	-137.89	0.00116
157.68	-139.30	0.00119	156.27	-140.71	0.00121
154.86	-142.13	0.00123	142.13	-154.86	0.00122
140.71	-156.27	0.00119	139.30	-157.68	0.00117
137.89	-159.10	0.00114	136.47	-160.51	0.00112
134.35	-162.63	0.00107	130.81	-166.17	0.00100
127.28	-169.71	0.00094	120.21	-176.78	0.00082
113.14	-183.85	0.00072	106.07	-190.92	0.00062
98.99	-197.99	0.00053	91.92	-205.06	0.00046
84.85	-212.13	0.00040	77.78	-219.20	0.00035
226.27	-84.85	0.00047	219.20	-91.92	0.00051
212.13	-98.99	0.00057	205.06	-106.07	0.00063
197.99	-113.14	0.00070	190.92	-120.21	0.00076
183.85	-127.28	0.00082	176.78	-134.35	0.00089
173.24	-137.89	0.00092	169.71	-141.42	0.00097
167.58	-143.54	0.00100	166.17	-144.96	0.00102
164.76	-146.37	0.00104	163.34	-147.79	0.00106
161.93	-149.20	0.00107	149.20	-161.93	0.00106
147.79	-163.34	0.00104	146.37	-164.76	0.00103
144.96	-166.17	0.00101	143.54	-167.58	0.00098
141.42	-169.71	0.00095	137.89	-173.24	0.00089
134.35	-176.78	0.00084	127.28	-183.85	0.00074
120.21	-190.92	0.00066	113.14	-197.99	0.00058
106.07	-205.06	0.00050	98.99	-212.13	0.00044
91.92	-219.20	0.00038	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 ***

19:54:09

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00043	226.27	-98.99	0.00048
219.20	-106.07	0.00053	212.13	-113.14	0.00059
205.06	-120.21	0.00064	197.99	-127.28	0.00069
190.92	-134.35	0.00073	183.85	-141.42	0.00079
180.31	-144.96	0.00082	176.78	-148.49	0.00086
174.66	-150.61	0.00089	173.24	-152.03	0.00090
171.83	-153.44	0.00092	170.41	-154.86	0.00093
169.00	-156.27	0.00094	156.27	-169.00	0.00093
154.86	-170.41	0.00092	153.44	-171.83	0.00091
152.03	-173.24	0.00089	150.61	-174.66	0.00087
148.49	-176.78	0.00085	144.96	-180.31	0.00080
141.42	-183.85	0.00076	134.35	-190.92	0.00067
127.28	-197.99	0.00060	120.21	-205.06	0.00054
113.14	-212.13	0.00048	106.07	-219.20	0.00042
98.99	-226.27	0.00037	91.92	-233.35	0.00032
240.42	-98.99	0.00041	233.35	-106.07	0.00045
226.27	-113.14	0.00050	219.20	-120.21	0.00054
212.13	-127.28	0.00058	205.06	-134.35	0.00062
197.99	-141.42	0.00066	190.92	-148.49	0.00071
187.38	-152.03	0.00074	183.85	-155.56	0.00077
181.73	-157.68	0.00079	180.31	-159.10	0.00080
178.90	-160.51	0.00081	177.48	-161.93	0.00083
176.07	-163.34	0.00083	163.34	-176.07	0.00083
161.93	-177.48	0.00082	160.51	-178.90	0.00080
159.10	-180.31	0.00079	157.68	-181.73	0.00078
155.56	-183.85	0.00076	152.03	-187.38	0.00072
148.49	-190.92	0.00068	141.42	-197.99	0.00061
134.35	-205.06	0.00055	127.28	-212.13	0.00050
120.21	-219.20	0.00045	113.14	-226.27	0.00040
106.07	-233.35	0.00035	98.99	-240.42	0.00031
247.49	-106.07	0.00039	240.42	-113.14	0.00042
233.35	-120.21	0.00046	226.27	-127.28	0.00050
219.20	-134.35	0.00053	212.13	-141.42	0.00056
205.06	-148.49	0.00059	197.99	-155.56	0.00064
194.45	-159.10	0.00066	190.92	-162.63	0.00069
188.80	-164.76	0.00071	187.38	-166.17	0.00072
185.97	-167.58	0.00073	184.55	-169.00	0.00074
183.14	-170.41	0.00074	170.41	-183.14	0.00074
169.00	-184.55	0.00073	167.58	-185.97	0.00072
166.17	-187.38	0.00071	164.76	-188.80	0.00070

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00068	159.10	-194.45	0.00065	
155.56	-197.99	0.00062	148.49	-205.06	0.00056	
141.42	-212.13	0.00051	134.35	-219.20	0.00046	
127.28	-226.27	0.00042	120.21	-233.35	0.00038	
113.14	-240.42	0.00034	106.07	-247.49	0.00030	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 19:54:09
 MODELOPTs: * Maximum train overlap at SE/NW Bound Direction ***
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00042	-113.14	240.42	0.00042	
-120.21	233.35	0.00042	-127.28	226.27	0.00041	
-134.35	219.20	0.00040	-141.42	212.13	0.00039	
-148.49	205.06	0.00038	-155.56	197.99	0.00036	
-159.10	194.45	0.00035	-162.63	190.92	0.00034	
-164.76	188.80	0.00033	-166.17	187.38	0.00032	
-167.58	185.97	0.00032	-169.00	184.55	0.00031	
-170.41	183.14	0.00030	-183.14	170.41	0.00024	
-184.55	169.00	0.00023	-185.97	167.58	0.00023	
-187.38	166.17	0.00022	-188.80	164.76	0.00021	
-190.92	162.63	0.00020	-194.45	159.10	0.00019	
-197.99	155.56	0.00017	-205.06	148.49	0.00015	
-212.13	141.42	0.00014	-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	0.00009	
-98.99	240.42	0.00046	-106.07	233.35	0.00046	
-113.14	226.27	0.00046	-120.21	219.20	0.00045	
-127.28	212.13	0.00044	-134.35	205.06	0.00043	
-141.42	197.99	0.00041	-148.49	190.92	0.00039	
-152.03	187.38	0.00038	-155.56	183.85	0.00037	
-157.68	181.73	0.00036	-159.10	180.31	0.00035	
-160.51	178.90	0.00034	-161.93	177.48	0.00034	
-163.34	176.07	0.00033	-176.07	163.34	0.00026	

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00025	-178.90	160.51	0.00024
-180.31	159.10	0.00023	-181.73	157.68	0.00023
-183.85	155.56	0.00021	-187.38	152.03	0.00020
-190.92	148.49	0.00018	-197.99	141.42	0.00016
-205.06	134.35	0.00014	-212.13	127.28	0.00013
-219.20	120.21	0.00012	-226.27	113.14	0.00011
-233.35	106.07	0.00011	-240.42	98.99	0.00010
-91.92	233.35	0.00049	-98.99	226.27	0.00049
-106.07	219.20	0.00049	-113.14	212.13	0.00049
-120.21	205.06	0.00048	-127.28	197.99	0.00047
-134.35	190.92	0.00045	-141.42	183.85	0.00043
-144.96	180.31	0.00042	-148.49	176.78	0.00040
-150.61	174.66	0.00039	-152.03	173.24	0.00038
-153.44	171.83	0.00038	-154.86	170.41	0.00037
-156.27	169.00	0.00036	-169.00	156.27	0.00028
-170.41	154.86	0.00027	-171.83	153.44	0.00026
-173.24	152.03	0.00025	-174.66	150.61	0.00024

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

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

19:54:09

**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	0.00023	-180.31	144.96	0.00021
-183.85	141.42	0.00019	-190.92	134.35	0.00017
-197.99	127.28	0.00015	-205.06	120.21	0.00014
-212.13	113.14	0.00013	-219.20	106.07	0.00012
-226.27	99.00	0.00011	-233.35	91.92	0.00010
-84.85	226.27	0.00053	-91.92	219.20	0.00054
-98.99	212.13	0.00054	-106.07	205.06	0.00053
-113.14	197.99	0.00053	-120.21	190.92	0.00051
-127.28	183.85	0.00049	-134.35	176.78	0.00047
-137.89	173.24	0.00046	-141.42	169.71	0.00044
-143.54	167.58	0.00043	-144.96	166.17	0.00042
-146.37	164.76	0.00041	-147.79	163.34	0.00040
-149.20	161.93	0.00039	-161.93	149.20	0.00030
-163.34	147.79	0.00029	-164.76	146.37	0.00028
-166.17	144.96	0.00027	-167.58	143.54	0.00026
-169.71	141.42	0.00025	-173.24	137.89	0.00022
-176.78	134.35	0.00021	-183.85	127.28	0.00018

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00071	-84.85	183.85	0.00071
-91.92	176.78	0.00071	-98.99	169.71	0.00069
-106.07	162.63	0.00067	-113.14	155.56	0.00064
-116.67	152.03	0.00062	-120.21	148.49	0.00059
-122.33	146.37	0.00058	-123.74	144.96	0.00057
-125.16	143.54	0.00055	-126.57	142.13	0.00054
-127.99	140.71	0.00053	-140.71	127.99	0.00038
-142.13	126.57	0.00037	-143.54	125.16	0.00035
-144.96	123.74	0.00034	-146.37	122.33	0.00032
-148.49	120.21	0.00031	-152.03	116.67	0.00028
-155.56	113.14	0.00025	-162.63	106.07	0.00022
-169.71	98.99	0.00020	-176.78	91.92	0.00018
-183.85	84.85	0.00016	-190.92	77.78	0.00014
-197.99	70.71	0.00013	-205.06	63.64	0.00011
-56.57	197.99	0.00073	-63.64	190.92	0.00076
-70.71	183.85	0.00078	-77.78	176.78	0.00079
-84.85	169.71	0.00079	-91.92	162.63	0.00077
-98.99	155.56	0.00075	-106.07	148.49	0.00071
-109.60	144.96	0.00069	-113.14	141.42	0.00067
-115.26	139.30	0.00065	-116.67	137.89	0.00063
-118.09	136.47	0.00062	-119.50	135.06	0.00061
-120.92	133.64	0.00059	-133.64	120.92	0.00042
-135.06	119.50	0.00040	-136.47	118.09	0.00038
-137.89	116.67	0.00037	-139.30	115.26	0.00035
-141.42	113.14	0.00033	-144.96	109.60	0.00030
-148.49	106.07	0.00027	-155.56	98.99	0.00024
-162.63	91.92	0.00022	-169.71	84.85	0.00019
-176.78	77.78	0.00017	-183.85	70.71	0.00015
-190.92	63.64	0.00013	-197.99	56.57	0.00012

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

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

19:54:09
 **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	0.00079	-56.57	183.85	0.00083
-63.64	176.78	0.00086	-70.71	169.71	0.00087
-77.78	162.63	0.00088	-84.85	155.56	0.00087
-91.92	148.49	0.00084	-98.99	141.42	0.00080
-102.53	137.89	0.00078	-106.07	134.35	0.00075

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00073	-109.60	130.81	0.00071
-111.02	129.40	0.00070	-112.43	127.99	0.00068
-113.84	126.57	0.00066	-126.57	113.84	0.00046
-127.99	112.43	0.00044	-129.40	111.02	0.00042
-130.81	109.60	0.00040	-132.23	108.19	0.00038
-134.35	106.07	0.00036	-137.89	102.53	0.00032
-141.42	98.99	0.00030	-148.49	91.92	0.00026
-155.56	84.85	0.00023	-162.63	77.78	0.00020
-169.71	70.71	0.00018	-176.78	63.64	0.00016
-183.85	56.57	0.00014	-190.92	49.50	0.00012
-42.43	183.85	0.00086	-49.50	176.78	0.00090
-56.57	169.71	0.00094	-63.64	162.63	0.00097
-70.71	155.56	0.00099	-77.78	148.49	0.00098
-84.85	141.42	0.00096	-91.92	134.35	0.00091
-95.46	130.81	0.00088	-98.99	127.28	0.00085
-101.12	125.16	0.00083	-102.53	123.74	0.00081
-103.94	122.33	0.00079	-105.36	120.92	0.00077
-106.77	119.50	0.00075	-119.50	106.77	0.00051
-120.92	105.36	0.00049	-122.33	103.94	0.00046
-123.74	102.53	0.00044	-125.16	101.12	0.00042
-127.28	98.99	0.00039	-130.81	95.46	0.00035
-134.35	91.92	0.00032	-141.42	84.85	0.00028
-148.49	77.78	0.00025	-155.56	70.71	0.00022
-162.63	63.64	0.00019	-169.71	56.57	0.00016
-176.78	49.50	0.00015	-183.85	42.43	0.00013
-35.36	176.78	0.00092	-42.43	169.71	0.00099
-49.50	162.63	0.00104	-56.57	155.56	0.00108
-63.64	148.49	0.00111	-70.71	141.42	0.00111
-77.78	134.35	0.00109	-84.85	127.28	0.00104
-88.39	123.74	0.00101	-91.92	120.21	0.00097
-94.05	118.09	0.00095	-95.46	116.67	0.00093
-96.87	115.26	0.00091	-98.29	113.84	0.00088
-99.70	112.43	0.00086	-112.43	99.70	0.00057
-113.84	98.29	0.00054	-115.26	96.87	0.00051
-116.67	95.46	0.00048	-118.09	94.05	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:54:09
 **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 **

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00043	-123.74	88.39	0.00038
-127.28	84.85	0.00035	-134.35	77.78	0.00031
-141.42	70.71	0.00027	-148.49	63.64	0.00023
-155.56	56.57	0.00020	-162.63	49.50	0.00017
-169.71	42.43	0.00015	-176.78	35.36	0.00014
-28.28	169.71	0.00099	-35.36	162.63	0.00107
-42.43	155.56	0.00115	-49.50	148.49	0.00121
-56.57	141.42	0.00125	-63.64	134.35	0.00127
-70.71	127.28	0.00126	-77.78	120.21	0.00121
-81.32	116.67	0.00117	-84.85	113.14	0.00113
-86.97	111.02	0.00110	-88.39	109.60	0.00107
-89.80	108.19	0.00105	-91.22	106.77	0.00102
-92.63	105.36	0.00099	-105.36	92.63	0.00063
-106.77	91.22	0.00060	-108.19	89.80	0.00056
-109.60	88.39	0.00053	-111.02	86.97	0.00050
-113.14	84.85	0.00047	-116.67	81.32	0.00042
-120.21	77.78	0.00039	-127.28	70.71	0.00033
-134.35	63.64	0.00028	-141.42	56.57	0.00024
-148.49	49.50	0.00021	-155.56	42.43	0.00018
-162.63	35.36	0.00016	-169.71	28.28	0.00014
-21.21	162.63	0.00106	-28.28	155.56	0.00116
-35.36	148.49	0.00126	-42.43	141.42	0.00135
-49.50	134.35	0.00142	-56.57	127.28	0.00146
-63.64	120.21	0.00146	-70.71	113.14	0.00141
-74.25	109.60	0.00137	-77.78	106.07	0.00132
-79.90	103.94	0.00128	-81.32	102.53	0.00125
-82.73	101.12	0.00122	-84.15	99.70	0.00119
-85.56	98.29	0.00115	-98.29	85.56	0.00071
-99.70	84.15	0.00067	-101.12	82.73	0.00063
-102.53	81.32	0.00059	-103.94	79.90	0.00056
-106.07	77.78	0.00052	-109.60	74.25	0.00046
-113.14	70.71	0.00042	-120.21	63.64	0.00036
-127.28	56.57	0.00030	-134.35	49.50	0.00026
-141.42	42.43	0.00022	-148.49	35.36	0.00019
-155.56	28.28	0.00017	-162.63	21.21	0.00014
-14.14	155.56	0.00112	-21.21	148.49	0.00125
-28.28	141.42	0.00138	-35.36	134.35	0.00150
-42.43	127.28	0.00161	-49.50	120.21	0.00168
-56.57	113.14	0.00170	-63.64	106.07	0.00166
-67.18	102.53	0.00162	-70.71	98.99	0.00156

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00151	-74.25	95.46	0.00148
-75.66	94.05	0.00144	-77.07	92.63	0.00140
-78.49	91.22	0.00135	-91.22	78.49	0.00080
-92.63	77.07	0.00075	-94.05	75.66	0.00070
-95.46	74.25	0.00066	-96.87	72.83	0.00062
-98.99	70.71	0.00057	-102.53	67.18	0.00051
-106.07	63.64	0.00047	-113.14	56.57	0.00039
-120.21	49.50	0.00032	-127.28	42.43	0.00027
-134.35	35.36	0.00023	-141.42	28.28	0.00020
-148.49	21.21	0.00017	-155.56	14.14	0.00015
-7.07	148.49	0.00118	-14.14	141.42	0.00133
-21.21	134.35	0.00149	-28.28	127.28	0.00166
-35.36	120.21	0.00181	-42.43	113.14	0.00193
-49.50	106.07	0.00200	-56.57	98.99	0.00198
-60.10	95.46	0.00194	-63.64	91.92	0.00187
-65.76	89.80	0.00182	-67.18	88.39	0.00177
-68.59	86.97	0.00173	-70.00	85.56	0.00168
-71.42	84.15	0.00162	-84.15	71.42	0.00091
-85.56	70.00	0.00084	-86.97	68.59	0.00079
-88.39	67.18	0.00073	-89.80	65.76	0.00069
-91.92	63.64	0.00064	-95.46	60.10	0.00057
-98.99	56.57	0.00051	-106.07	49.50	0.00042
-113.14	42.43	0.00034	-120.21	35.36	0.00029
-127.28	28.28	0.00024	-134.35	21.21	0.00021
-141.42	14.14	0.00018	-148.49	7.07	0.00015
0.00	141.42	0.00123	-7.07	134.35	0.00141
-14.14	127.28	0.00160	-21.21	120.21	0.00181
-28.28	113.14	0.00203	-35.36	106.07	0.00223
-42.43	98.99	0.00236	-49.50	91.92	0.00238
-53.03	88.39	0.00235	-56.57	84.85	0.00228
-58.69	82.73	0.00221	-60.10	81.32	0.00217
-61.52	79.90	0.00211	-62.93	78.49	0.00204
-64.35	77.07	0.00197	-77.07	64.35	0.00103
-78.49	62.93	0.00095	-79.90	61.52	0.00088
-81.32	60.10	0.00082	-82.73	58.69	0.00078
-84.85	56.57	0.00071	-88.39	53.03	0.00063
-91.92	49.50	0.00056	-98.99	42.43	0.00045

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00037	-113.14	28.28	0.00030
-120.21	21.21	0.00025	-127.28	14.14	0.00021
-134.35	7.07	0.00018	-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 ***

19:54:09
 **MODELOPTs:
 PAGE 69
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00128	0.00	127.28	0.00147
-7.07	120.21	0.00170	-14.14	113.14	0.00196
-21.21	106.07	0.00225	-28.28	98.99	0.00253
-35.36	91.92	0.00278	-42.43	84.85	0.00289
-45.96	81.32	0.00288	-49.50	77.78	0.00282
-51.62	75.66	0.00275	-53.03	74.25	0.00269
-54.45	72.83	0.00262	-55.86	71.42	0.00254
-57.28	70.00	0.00245	-70.00	57.28	0.00118
-71.42	55.86	0.00108	-72.83	54.45	0.00100
-74.25	53.03	0.00093	-75.66	51.62	0.00087
-77.78	49.50	0.00079	-81.32	45.96	0.00069
-84.85	42.43	0.00061	-91.92	35.36	0.00048
-98.99	28.28	0.00039	-106.07	21.21	0.00031
-113.14	14.14	0.00026	-120.21	7.07	0.00022
-127.28	0.00	0.00019	-134.35	-7.07	0.00017
14.14	127.28	0.00131	7.07	120.21	0.00153
0.00	113.14	0.00179	-7.07	106.07	0.00210
-14.14	98.99	0.00245	-21.21	91.92	0.00284
-28.28	84.85	0.00323	-35.36	77.78	0.00352
-38.89	74.25	0.00357	-42.43	70.71	0.00354
-44.55	68.59	0.00348	-45.96	67.18	0.00341
-47.38	65.76	0.00333	-48.79	64.35	0.00323
-50.20	62.93	0.00310	-62.93	50.20	0.00135
-64.35	48.79	0.00122	-65.76	47.38	0.00112
-67.18	45.96	0.00104	-68.59	44.55	0.00096
-70.71	42.43	0.00087	-74.25	38.89	0.00075
-77.78	35.36	0.00066	-84.85	28.28	0.00051
-91.92	21.21	0.00040	-98.99	14.14	0.00033
-106.07	7.07	0.00027	-113.14	0.00	0.00023
-120.21	-7.07	0.00020	-127.28	-14.14	0.00018
21.21	120.21	0.00134	14.14	113.14	0.00157

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00186	0.00	98.99	0.00221
-7.07	91.92	0.00263	-14.14	84.85	0.00312
-21.21	77.78	0.00368	-28.28	70.71	0.00421
-31.82	67.18	0.00441	-35.36	63.64	0.00449
-37.48	61.52	0.00446	-38.89	60.10	0.00441
-40.31	58.69	0.00432	-41.72	57.28	0.00420
-43.13	55.86	0.00405	-55.86	43.13	0.00152
-57.28	41.72	0.00137	-58.69	40.31	0.00124
-60.10	38.89	0.00114	-61.52	37.48	0.00105

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

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

19:54:09

**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	0.00095	-67.18	31.82	0.00081
-70.71	28.28	0.00070	-77.78	21.21	0.00053
-84.85	14.14	0.00042	-91.92	7.07	0.00035
-98.99	0.00	0.00029	-106.07	-7.07	0.00025
-113.14	-14.14	0.00021	-120.21	-21.21	0.00018
28.28	113.14	0.00136	21.21	106.07	0.00160
14.14	98.99	0.00191	7.07	91.92	0.00230
0.00	84.85	0.00277	-7.07	77.78	0.00336
-14.14	70.71	0.00407	-21.21	63.64	0.00486
-24.75	60.10	0.00527	-28.28	56.57	0.00559
-30.41	54.45	0.00571	-31.82	53.03	0.00574
-33.23	51.62	0.00572	-34.65	50.20	0.00562
-36.06	48.79	0.00545	-48.79	36.06	0.00169
-50.20	34.65	0.00150	-51.62	33.23	0.00135
-53.03	31.82	0.00123	-54.45	30.41	0.00113
-56.57	28.28	0.00101	-60.10	24.75	0.00085
-63.64	21.21	0.00073	-70.71	14.14	0.00056
-77.78	7.07	0.00045	-84.85	0.00	0.00037
-91.92	-7.07	0.00031	-98.99	-14.14	0.00026
-106.07	-21.21	0.00022	-113.14	-28.28	0.00019
35.36	106.07	0.00137	28.28	98.99	0.00162
21.21	91.92	0.00195	14.14	84.85	0.00236
7.07	77.78	0.00289	0.00	70.71	0.00356
-7.07	63.64	0.00440	-14.14	56.57	0.00543
-17.68	53.03	0.00600	-21.21	49.50	0.00658

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00691	-24.75	45.96	0.00711
-26.16	44.55	0.00729	-27.58	43.13	0.00744
-28.99	41.72	0.00749	-41.72	28.99	0.00182
-43.13	27.58	0.00160	-44.55	26.16	0.00143
-45.96	24.75	0.00130	-47.38	23.33	0.00119
-49.50	21.21	0.00106	-53.03	17.68	0.00090
-56.57	14.14	0.00077	-63.64	7.07	0.00059
-70.71	0.00	0.00047	-77.78	-7.07	0.00039
-84.85	-14.14	0.00032	-91.92	-21.21	0.00027
-98.99	-28.28	0.00023	-106.07	-35.36	0.00020
42.43	98.99	0.00137	35.36	91.92	0.00163
28.28	84.85	0.00197	21.21	77.78	0.00240
14.14	70.71	0.00297	7.07	63.64	0.00372
0.00	56.57	0.00467	-7.07	49.50	0.00589
-10.61	45.96	0.00661	-14.14	42.43	0.00737

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

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

19:54:09
 **MODELOPTs:
 PAGE 71
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00784	-17.68	38.89	0.00814
-19.09	37.48	0.00845	-20.51	36.06	0.00880
-21.92	34.65	0.00916	-34.65	21.92	0.00200
-36.06	20.51	0.00173	-37.48	19.09	0.00154
-38.89	17.68	0.00139	-40.31	16.26	0.00127
-42.43	14.14	0.00113	-45.96	10.61	0.00095
-49.50	7.07	0.00081	-56.57	0.00	0.00062
-63.64	-7.07	0.00050	-70.71	-14.14	0.00041
-77.78	-21.21	0.00034	-84.85	-28.28	0.00028
-91.92	-35.36	0.00024	-98.99	-42.43	0.00021
49.50	91.92	0.00137	42.43	84.85	0.00163
35.36	77.78	0.00196	28.28	70.71	0.00241
21.21	63.64	0.00299	14.14	56.57	0.00377
7.07	49.50	0.00480	0.00	42.43	0.00612
-3.54	38.89	0.00690	-7.07	35.36	0.00776
-9.19	33.23	0.00828	-10.61	31.82	0.00862
-12.02	30.41	0.00896	-13.44	28.99	0.00934
-14.85	27.58	0.00977	-27.58	14.85	0.00242
-28.99	13.44	0.00206	-30.41	12.02	0.00180

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00160	-33.23	9.19	0.00145
-35.36	7.07	0.00127	-38.89	3.54	0.00104
-42.43	0.00	0.00089	-49.50	-7.07	0.00067
-56.57	-14.14	0.00053	-63.64	-21.21	0.00043
-70.71	-28.28	0.00035	-77.78	-35.36	0.00030
-84.85	-42.43	0.00025	-91.92	-49.50	0.00022
56.57	84.85	0.00135	49.50	77.78	0.00160
42.43	70.71	0.00193	35.36	63.64	0.00236
28.28	56.57	0.00293	21.21	49.50	0.00371
14.14	42.43	0.00476	7.07	35.36	0.00615
3.54	31.82	0.00696	0.00	28.28	0.00786
-2.12	26.16	0.00843	-3.54	24.75	0.00882
-4.95	23.33	0.00921	-6.36	21.92	0.00961
-7.78	20.51	0.01010	-20.51	7.78	0.00286
-21.92	6.36	0.00243	-23.33	4.95	0.00212
-24.75	3.54	0.00188	-26.16	2.12	0.00169
-28.28	0.00	0.00146	-31.82	-3.54	0.00119
-35.36	-7.07	0.00100	-42.43	-14.14	0.00075
-49.50	-21.21	0.00058	-56.57	-28.28	0.00046
-63.64	-35.36	0.00038	-70.71	-42.43	0.00032
-77.78	-49.50	0.00027	-84.85	-56.57	0.00023

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

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

19:54:09

**MODELOPTs:
 PAGE 72

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00131	56.57	70.71	0.00155
49.50	63.64	0.00186	42.43	56.57	0.00227
35.36	49.50	0.00281	28.28	42.43	0.00356
21.21	35.36	0.00460	14.14	28.28	0.00598
10.61	24.75	0.00683	7.07	21.21	0.00778
4.95	19.09	0.00840	3.54	17.68	0.00882
2.12	16.26	0.00926	0.71	14.85	0.00970
-0.71	13.44	0.01021	-13.44	0.71	0.00320
-14.85	-0.71	0.00275	-16.26	-2.12	0.00241
-17.68	-3.54	0.00215	-19.09	-4.95	0.00193
-21.21	-7.07	0.00167	-24.75	-10.61	0.00135
-28.28	-14.14	0.00113	-35.36	-21.21	0.00084
-42.43	-28.28	0.00064	-49.50	-35.36	0.00051

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00041	-63.64	-49.50	0.00034
-70.71	-56.57	0.00029	-77.78	-63.64	0.00024
70.71	70.71	0.00127	63.64	63.64	0.00149
56.57	56.57	0.00178	49.50	49.50	0.00215
42.43	42.43	0.00266	35.36	35.36	0.00335
28.28	28.28	0.00430	21.21	21.21	0.00565
17.68	17.68	0.00652	14.14	14.14	0.00751
12.02	12.02	0.00815	10.61	10.61	0.00860
9.19	9.19	0.00906	7.78	7.78	0.00954
6.36	6.36	0.01008	-6.36	-6.36	0.00344
-7.78	-7.78	0.00298	-9.19	-9.19	0.00264
-10.61	-10.61	0.00236	-12.02	-12.02	0.00213
-14.14	-14.14	0.00186	-17.68	-17.68	0.00151
-21.21	-21.21	0.00126	-28.28	-28.28	0.00093
-35.36	-35.36	0.00071	-42.43	-42.43	0.00056
-49.50	-49.50	0.00045	-56.57	-56.57	0.00037
-63.64	-63.64	0.00031	-70.71	-70.71	0.00026
77.78	63.64	0.00121	70.71	56.57	0.00142
63.64	49.50	0.00169	56.57	42.43	0.00203
49.50	35.36	0.00248	42.43	28.28	0.00308
35.36	21.21	0.00391	28.28	14.14	0.00516
24.75	10.61	0.00600	21.21	7.07	0.00698
19.09	4.95	0.00764	17.68	3.54	0.00810
16.26	2.12	0.00859	14.85	0.71	0.00911
13.44	-0.71	0.00968	0.71	-13.44	0.00358
-0.71	-14.85	0.00313	-2.12	-16.26	0.00279
-3.54	-17.68	0.00251	-4.95	-19.09	0.00228

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

19:54:09
 **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	0.00200	-10.61	-24.75	0.00165
-14.14	-28.28	0.00138	-21.21	-35.36	0.00101
-28.28	-42.43	0.00078	-35.36	-49.50	0.00061
-42.43	-56.57	0.00049	-49.50	-63.64	0.00040
-56.57	-70.71	0.00033	-63.64	-77.78	0.00027
84.85	56.57	0.00115	77.78	49.50	0.00134
70.71	42.43	0.00158	63.64	35.36	0.00189

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00228	49.50	21.21	0.00279
42.43	14.14	0.00350	35.36	7.07	0.00454
31.82	3.54	0.00526	28.28	0.00	0.00616
26.16	-2.12	0.00679	24.75	-3.54	0.00726
23.33	-4.95	0.00776	21.92	-6.36	0.00830
20.51	-7.78	0.00893	7.78	-20.51	0.00364
6.36	-21.92	0.00321	4.95	-23.33	0.00288
3.54	-24.75	0.00261	2.12	-26.16	0.00239
0.00	-28.28	0.00211	-3.54	-31.82	0.00176
-7.07	-35.36	0.00149	-14.14	-42.43	0.00110
-21.21	-49.50	0.00084	-28.28	-56.57	0.00066
-35.36	-63.64	0.00052	-42.43	-70.71	0.00042
-49.50	-77.78	0.00035	-56.57	-84.85	0.00029
91.92	49.50	0.00108	84.85	42.43	0.00125
77.78	35.36	0.00147	70.71	28.28	0.00173
63.64	21.21	0.00206	56.57	14.14	0.00250
49.50	7.07	0.00308	42.43	0.00	0.00390
38.89	-3.54	0.00444	35.36	-7.07	0.00511
33.23	-9.19	0.00561	31.82	-10.61	0.00600
30.41	-12.02	0.00646	28.99	-13.44	0.00699
27.58	-14.85	0.00763	14.85	-27.58	0.00365
13.44	-28.99	0.00325	12.02	-30.41	0.00294
10.61	-31.82	0.00269	9.19	-33.23	0.00247
7.07	-35.36	0.00220	3.54	-38.89	0.00185
0.00	-42.43	0.00157	-7.07	-49.50	0.00117
-14.14	-56.57	0.00089	-21.21	-63.64	0.00069
-28.28	-70.71	0.00055	-35.36	-77.78	0.00045
-42.43	-84.85	0.00037	-49.50	-91.92	0.00031
98.99	42.43	0.00101	91.92	35.36	0.00116
84.85	28.28	0.00134	77.78	21.21	0.00156
70.71	14.14	0.00184	63.64	7.07	0.00220
56.57	0.00	0.00267	49.50	-7.07	0.00328
45.96	-10.61	0.00366	42.43	-14.14	0.00410

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

19:54:09
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00440	38.89	-17.68	0.00464

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00491	36.06	-20.51	0.00524
34.65	-21.92	0.00568	21.92	-34.65	0.00364
20.51	-36.06	0.00327	19.09	-37.48	0.00297
17.68	-38.89	0.00273	16.26	-40.31	0.00252
14.14	-42.43	0.00226	10.61	-45.96	0.00190
7.07	-49.50	0.00163	0.00	-56.57	0.00122
-7.07	-63.64	0.00093	-14.14	-70.71	0.00073
-21.21	-77.78	0.00058	-28.28	-84.85	0.00047
-35.36	-91.92	0.00039	-42.43	-98.99	0.00032
106.07	35.36	0.00092	98.99	28.28	0.00105
91.92	21.21	0.00120	84.85	14.14	0.00139
77.78	7.07	0.00162	70.71	0.00	0.00191
63.64	-7.07	0.00227	56.57	-14.14	0.00270
53.03	-17.68	0.00295	49.50	-21.21	0.00322
47.38	-23.33	0.00340	45.96	-24.75	0.00353
44.55	-26.16	0.00368	43.13	-27.58	0.00384
41.72	-28.99	0.00404	28.99	-41.72	0.00353
27.58	-43.13	0.00322	26.16	-44.55	0.00295
24.75	-45.96	0.00273	23.33	-47.38	0.00253
21.21	-49.50	0.00228	17.68	-53.03	0.00193
14.14	-56.57	0.00166	7.07	-63.64	0.00126
0.00	-70.71	0.00097	-7.07	-77.78	0.00076
-14.14	-84.85	0.00060	-21.21	-91.92	0.00049
-28.28	-98.99	0.00041	-35.36	-106.07	0.00034
113.14	28.28	0.00084	106.07	21.21	0.00095
98.99	14.14	0.00107	91.92	7.07	0.00123
84.85	0.00	0.00142	77.78	-7.07	0.00165
70.71	-14.14	0.00194	63.64	-21.21	0.00227
60.10	-24.75	0.00246	56.57	-28.28	0.00266
54.45	-30.41	0.00280	53.03	-31.82	0.00291
51.62	-33.23	0.00303	50.20	-34.65	0.00316
48.79	-36.06	0.00329	36.06	-48.79	0.00311
34.65	-50.20	0.00292	33.23	-51.62	0.00273
31.82	-53.03	0.00256	30.41	-54.45	0.00240
28.28	-56.57	0.00219	24.75	-60.10	0.00189
21.21	-63.64	0.00164	14.14	-70.71	0.00126
7.07	-77.78	0.00098	0.00	-84.85	0.00078
-7.07	-91.92	0.00062	-14.14	-98.99	0.00051
-21.21	-106.07	0.00042	-28.28	-113.14	0.00035

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

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00076	113.14	14.14	0.00085	
106.07	7.07	0.00096	98.99	0.00	0.00110	
91.92	-7.07	0.00126	84.85	-14.14	0.00146	
77.78	-21.21	0.00169	70.71	-28.28	0.00195	
67.18	-31.82	0.00210	63.64	-35.36	0.00228	
61.52	-37.48	0.00240	60.10	-38.89	0.00248	
58.69	-40.31	0.00256	57.28	-41.72	0.00265	
55.86	-43.13	0.00274	43.13	-55.86	0.00266	
41.72	-57.28	0.00253	40.31	-58.69	0.00241	
38.89	-60.10	0.00229	37.48	-61.52	0.00217	
35.36	-63.64	0.00201	31.82	-67.18	0.00177	
28.28	-70.71	0.00155	21.21	-77.78	0.00122	
14.14	-84.85	0.00097	7.07	-91.92	0.00078	
0.00	-98.99	0.00063	-7.07	-106.07	0.00052	
-14.14	-113.14	0.00043	-21.21	-120.21	0.00036	
127.28	14.14	0.00070	120.21	7.07	0.00078	
113.14	0.00	0.00087	106.07	-7.07	0.00099	
98.99	-14.14	0.00113	91.92	-21.21	0.00129	
84.85	-28.28	0.00148	77.78	-35.36	0.00170	
74.25	-38.89	0.00183	70.71	-42.43	0.00196	
68.59	-44.55	0.00204	67.18	-45.96	0.00210	
65.76	-47.38	0.00216	64.35	-48.79	0.00223	
62.93	-50.20	0.00230	50.20	-62.93	0.00226	
48.79	-64.35	0.00217	47.38	-65.76	0.00208	
45.96	-67.18	0.00200	44.55	-68.59	0.00191	
42.43	-70.71	0.00179	38.89	-74.25	0.00161	
35.36	-77.78	0.00144	28.28	-84.85	0.00115	
21.21	-91.92	0.00094	14.14	-98.99	0.00076	
7.07	-106.07	0.00062	0.00	-113.14	0.00052	
-7.07	-120.21	0.00043	-14.14	-127.28	0.00037	
134.35	7.07	0.00064	127.28	0.00	0.00071	
120.21	-7.07	0.00080	113.14	-14.14	0.00090	
106.07	-21.21	0.00101	98.99	-28.28	0.00115	
91.92	-35.36	0.00131	84.85	-42.43	0.00150	
81.32	-45.96	0.00159	77.78	-49.50	0.00168	
75.66	-51.62	0.00174	74.25	-53.03	0.00179	
72.83	-54.45	0.00184	71.42	-55.86	0.00189	
70.00	-57.28	0.00194	57.28	-70.00	0.00192	
55.86	-71.42	0.00186	54.45	-72.83	0.00179	

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00173 51.62 -75.66 0.00167

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

19:54:09
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00158	45.96	-81.32	0.00144
42.43	-84.85	0.00131	35.36	-91.92	0.00108
28.28	-98.99	0.00089	21.21	-106.07	0.00073
14.14	-113.14	0.00061	7.07	-120.21	0.00051
0.00	-127.28	0.00043	-7.07	-134.35	0.00037
141.42	0.00	0.00059	134.35	-7.07	0.00065
127.28	-14.14	0.00073	120.21	-21.21	0.00081
113.14	-28.28	0.00091	106.07	-35.36	0.00103
98.99	-42.43	0.00117	91.92	-49.50	0.00131
88.39	-53.03	0.00137	84.85	-56.57	0.00145
82.73	-58.69	0.00150	81.32	-60.10	0.00154
79.90	-61.52	0.00158	78.49	-62.93	0.00162
77.07	-64.35	0.00166	64.35	-77.07	0.00164
62.93	-78.49	0.00159	61.52	-79.90	0.00155
60.10	-81.32	0.00150	58.69	-82.73	0.00145
56.57	-84.85	0.00138	53.03	-88.39	0.00127
49.50	-91.92	0.00117	42.43	-98.99	0.00099
35.36	-106.07	0.00083	28.28	-113.14	0.00070
21.21	-120.21	0.00059	14.14	-127.28	0.00050
7.07	-134.35	0.00042	0.00	-141.42	0.00036
148.49	-7.07	0.00054	141.42	-14.14	0.00060
134.35	-21.21	0.00066	127.28	-28.28	0.00074
120.21	-35.36	0.00083	113.14	-42.43	0.00094
106.07	-49.50	0.00104	98.99	-56.57	0.00114
95.46	-60.10	0.00119	91.92	-63.64	0.00126
89.80	-65.76	0.00130	88.39	-67.18	0.00133
86.97	-68.59	0.00136	85.56	-70.00	0.00139
84.15	-71.42	0.00142	71.42	-84.15	0.00141
70.00	-85.56	0.00137	68.59	-86.97	0.00134
67.18	-88.39	0.00131	65.76	-89.80	0.00127
63.64	-91.92	0.00122	60.10	-95.46	0.00113
56.57	-98.99	0.00105	49.50	-106.07	0.00090
42.43	-113.14	0.00077	35.36	-120.21	0.00066

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00056	21.21	-134.35	0.00048
14.14	-141.42	0.00041	7.07	-148.49	0.00035
155.56	-14.14	0.00050	148.49	-21.21	0.00055
141.42	-28.28	0.00061	134.35	-35.36	0.00068
127.28	-42.43	0.00076	120.21	-49.50	0.00085
113.14	-56.57	0.00093	106.07	-63.64	0.00100
102.53	-67.18	0.00105	98.99	-70.71	0.00110

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

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

19:54:09

**MODELOPTs:
PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00114	95.46	-74.25	0.00116
94.05	-75.66	0.00119	92.63	-77.07	0.00121
91.22	-78.49	0.00123	78.49	-91.22	0.00122
77.07	-92.63	0.00119	75.66	-94.05	0.00117
74.25	-95.46	0.00114	72.83	-96.87	0.00112
70.71	-98.99	0.00107	67.18	-102.53	0.00100
63.64	-106.07	0.00094	56.57	-113.14	0.00082
49.50	-120.21	0.00072	42.43	-127.28	0.00062
35.36	-134.35	0.00053	28.28	-141.42	0.00046
21.21	-148.49	0.00040	14.14	-155.56	0.00035
162.63	-21.21	0.00047	155.56	-28.28	0.00051
148.49	-35.36	0.00057	141.42	-42.43	0.00063
134.35	-49.50	0.00070	127.28	-56.57	0.00076
120.21	-63.64	0.00082	113.14	-70.71	0.00089
109.60	-74.25	0.00092	106.07	-77.78	0.00097
103.94	-79.90	0.00100	102.53	-81.32	0.00102
101.12	-82.73	0.00104	99.70	-84.15	0.00106
98.29	-85.56	0.00107	85.56	-98.29	0.00106
84.15	-99.70	0.00104	82.73	-101.12	0.00103
81.32	-102.53	0.00101	79.90	-103.94	0.00098
77.78	-106.07	0.00095	74.25	-109.60	0.00089
70.71	-113.14	0.00084	63.64	-120.21	0.00074
56.57	-127.28	0.00066	49.50	-134.35	0.00058
42.43	-141.42	0.00050	35.36	-148.49	0.00044
28.28	-155.56	0.00038	21.21	-162.63	0.00033
169.71	-28.28	0.00043	162.63	-35.36	0.00048
155.56	-42.43	0.00053	148.49	-49.50	0.00059

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00064	134.35	-63.64	0.00069
127.28	-70.71	0.00073	120.21	-77.78	0.00079
116.67	-81.32	0.00082	113.14	-84.85	0.00086
111.02	-86.97	0.00089	109.60	-88.39	0.00090
108.19	-89.80	0.00092	106.77	-91.22	0.00093
105.36	-92.63	0.00094	92.63	-105.36	0.00093
91.22	-106.77	0.00092	89.80	-108.19	0.00091
88.39	-109.60	0.00089	86.97	-111.02	0.00087
84.85	-113.14	0.00085	81.32	-116.67	0.00080
77.78	-120.21	0.00076	70.71	-127.28	0.00067
63.64	-134.35	0.00060	56.57	-141.42	0.00054
49.50	-148.49	0.00048	42.43	-155.56	0.00042
35.36	-162.63	0.00037	28.28	-169.71	0.00032

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

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

19:54:09

**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	0.00041	169.71	-42.43	0.00045
162.63	-49.50	0.00050	155.56	-56.57	0.00054
148.49	-63.64	0.00058	141.42	-70.71	0.00062
134.35	-77.78	0.00066	127.28	-84.85	0.00071
123.74	-88.39	0.00074	120.21	-91.92	0.00077
118.09	-94.05	0.00079	116.67	-95.46	0.00080
115.26	-96.87	0.00081	113.84	-98.29	0.00083
112.43	-99.70	0.00083	99.70	-112.43	0.00083
98.29	-113.84	0.00082	96.87	-115.26	0.00080
95.46	-116.67	0.00079	94.05	-118.09	0.00078
91.92	-120.21	0.00076	88.39	-123.74	0.00072
84.85	-127.28	0.00068	77.78	-134.35	0.00061
70.71	-141.42	0.00055	63.64	-148.49	0.00050
56.57	-155.56	0.00045	49.50	-162.63	0.00040
42.43	-169.71	0.00035	35.36	-176.78	0.00031
183.85	-42.43	0.00039	176.78	-49.50	0.00042
169.71	-56.57	0.00046	162.63	-63.64	0.00050
155.56	-70.71	0.00053	148.49	-77.78	0.00056
141.42	-84.85	0.00059	134.35	-91.92	0.00064
130.81	-95.46	0.00066	127.28	-98.99	0.00069
125.16	-101.12	0.00071	123.74	-102.53	0.00072

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00073	120.92	-105.36	0.00074
119.50	-106.77	0.00074	106.77	-119.50	0.00074
105.36	-120.92	0.00073	103.94	-122.33	0.00072
102.53	-123.74	0.00071	101.12	-125.16	0.00070
98.99	-127.28	0.00068	95.46	-130.81	0.00065
91.92	-134.35	0.00062	84.85	-141.42	0.00056
77.78	-148.49	0.00051	70.71	-155.56	0.00046
63.64	-162.63	0.00042	56.57	-169.71	0.00038
49.50	-176.78	0.00034	42.43	-183.85	0.00030
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00043	169.71	-70.71	0.00046
162.63	-77.78	0.00049	155.56	-84.85	0.00051
148.49	-91.92	0.00054	141.42	-98.99	0.00058
137.89	-102.53	0.00060	134.35	-106.07	0.00063
132.23	-108.19	0.00064	130.81	-109.60	0.00065
129.40	-111.02	0.00065	127.99	-112.43	0.00066
126.57	-113.84	0.00067	113.84	-126.57	0.00066
112.43	-127.99	0.00065	111.02	-129.40	0.00065
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 ***

19:54:09
 **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	0.00062	102.53	-137.89	0.00059
98.99	-141.42	0.00057	91.92	-148.49	0.00051
84.85	-155.56	0.00047	77.78	-162.63	0.00043
70.71	-169.71	0.00039	63.64	-176.78	0.00036
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	0.00040	176.78	-77.78	0.00042
169.71	-84.85	0.00044	162.63	-91.92	0.00047
155.56	-98.99	0.00049	148.49	-106.07	0.00053
144.96	-109.60	0.00055	141.42	-113.14	0.00057
139.30	-115.26	0.00058	137.89	-116.67	0.00059
136.47	-118.09	0.00059	135.06	-119.50	0.00060
133.64	-120.92	0.00060	120.92	-133.64	0.00059
119.50	-135.06	0.00059	118.09	-136.47	0.00058
116.67	-137.89	0.00058	115.26	-139.30	0.00057

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00056	109.60	-144.96	0.00054
106.07	-148.49	0.00052	98.99	-155.56	0.00047
91.92	-162.63	0.00043	84.85	-169.71	0.00040
77.78	-176.78	0.00037	70.71	-183.85	0.00034
63.64	-190.92	0.00031	56.57	-197.99	0.00028
205.06	-63.64	0.00033	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	0.00043
162.63	-106.07	0.00045	155.56	-113.14	0.00048
152.03	-116.67	0.00050	148.49	-120.21	0.00052
146.37	-122.33	0.00053	144.96	-123.74	0.00053
143.54	-125.16	0.00054	142.13	-126.57	0.00054
140.71	-127.99	0.00054	127.99	-140.71	0.00054
126.57	-142.13	0.00054	125.16	-143.54	0.00053
123.74	-144.96	0.00053	122.33	-146.37	0.00052
120.21	-148.49	0.00051	116.67	-152.03	0.00049
113.14	-155.56	0.00047	106.07	-162.63	0.00044
98.99	-169.71	0.00040	91.92	-176.78	0.00037
84.85	-183.85	0.00034	77.78	-190.92	0.00032
70.71	-197.99	0.00029	63.64	-205.06	0.00027
212.13	-70.71	0.00031	205.06	-77.78	0.00033
197.99	-84.85	0.00035	190.92	-91.92	0.00036
183.85	-98.99	0.00038	176.78	-106.07	0.00039
169.71	-113.14	0.00042	162.63	-120.21	0.00044
159.10	-123.74	0.00046	155.56	-127.28	0.00047

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

19:54:09
 **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	0.00048	152.03	-130.81	0.00049
150.61	-132.23	0.00049	149.20	-133.64	0.00049
147.79	-135.06	0.00050	135.06	-147.79	0.00049
133.64	-149.20	0.00049	132.23	-150.61	0.00048
130.81	-152.03	0.00048	129.40	-153.44	0.00047
127.28	-155.56	0.00047	123.74	-159.10	0.00045
120.21	-162.63	0.00044	113.14	-169.71	0.00040
106.07	-176.78	0.00037	98.99	-183.85	0.00034
91.92	-190.92	0.00032	84.85	-197.99	0.00030

13NCRA_SR03-300_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	0.00031
205.06	-91.92	0.00032	197.99	-98.99	0.00033
190.92	-106.07	0.00035	183.85	-113.14	0.00036
176.78	-120.21	0.00039	169.71	-127.28	0.00041
166.17	-130.81	0.00042	162.63	-134.35	0.00044
160.51	-136.47	0.00044	159.10	-137.89	0.00045
157.68	-139.30	0.00045	156.27	-140.71	0.00045
154.86	-142.13	0.00045	142.13	-154.86	0.00045
140.71	-156.27	0.00045	139.30	-157.68	0.00044
137.89	-159.10	0.00044	136.47	-160.51	0.00044
134.35	-162.63	0.00043	130.81	-166.17	0.00042
127.28	-169.71	0.00040	120.21	-176.78	0.00038
113.14	-183.85	0.00035	106.07	-190.92	0.00032
98.99	-197.99	0.00030	91.92	-205.06	0.00028
84.85	-212.13	0.00026	77.78	-219.20	0.00024
226.27	-84.85	0.00028	219.20	-91.92	0.00029
212.13	-98.99	0.00030	205.06	-106.07	0.00031
197.99	-113.14	0.00032	190.92	-120.21	0.00034
183.85	-127.28	0.00036	176.78	-134.35	0.00038
173.24	-137.89	0.00039	169.71	-141.42	0.00040
167.58	-143.54	0.00041	166.17	-144.96	0.00041
164.76	-146.37	0.00041	163.34	-147.79	0.00041
161.93	-149.20	0.00042	149.20	-161.93	0.00041
147.79	-163.34	0.00041	146.37	-164.76	0.00041
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	0.00037	127.28	-183.85	0.00035
120.21	-190.92	0.00033	113.14	-197.99	0.00030
106.07	-205.06	0.00028	98.99	-212.13	0.00026
91.92	-219.20	0.00025	84.85	-226.27	0.00023

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

19:54:09

**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	0.00031

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00033	183.85	-141.42	0.00035
180.31	-144.96	0.00036	176.78	-148.49	0.00037
174.66	-150.61	0.00038	173.24	-152.03	0.00038
171.83	-153.44	0.00038	170.41	-154.86	0.00038
169.00	-156.27	0.00038	156.27	-169.00	0.00038
154.86	-170.41	0.00038	153.44	-171.83	0.00038
152.03	-173.24	0.00037	150.61	-174.66	0.00037
148.49	-176.78	0.00037	144.96	-180.31	0.00036
141.42	-183.85	0.00035	134.35	-190.92	0.00033
127.28	-197.99	0.00030	120.21	-205.06	0.00028
113.14	-212.13	0.00027	106.07	-219.20	0.00025
98.99	-226.27	0.00023	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	0.00029
197.99	-141.42	0.00031	190.92	-148.49	0.00033
187.38	-152.03	0.00034	183.85	-155.56	0.00034
181.73	-157.68	0.00035	180.31	-159.10	0.00035
178.90	-160.51	0.00035	177.48	-161.93	0.00035
176.07	-163.34	0.00035	163.34	-176.07	0.00035
161.93	-177.48	0.00035	160.51	-178.90	0.00035
159.10	-180.31	0.00035	157.68	-181.73	0.00034
155.56	-183.85	0.00034	152.03	-187.38	0.00033
148.49	-190.92	0.00032	141.42	-197.99	0.00030
134.35	-205.06	0.00029	127.28	-212.13	0.00027
120.21	-219.20	0.00025	113.14	-226.27	0.00023
106.07	-233.35	0.00022	98.99	-240.42	0.00021
247.49	-106.07	0.00023	240.42	-113.14	0.00024
233.35	-120.21	0.00025	226.27	-127.28	0.00025
219.20	-134.35	0.00026	212.13	-141.42	0.00028
205.06	-148.49	0.00029	197.99	-155.56	0.00031
194.45	-159.10	0.00031	190.92	-162.63	0.00032
188.80	-164.76	0.00032	187.38	-166.17	0.00033
185.97	-167.58	0.00033	184.55	-169.00	0.00033
183.14	-170.41	0.00033	170.41	-183.14	0.00033
169.00	-184.55	0.00033	167.58	-185.97	0.00032
166.17	-187.38	0.00032	164.76	-188.80	0.00032

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

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

19:54:09

**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 ,

13NCRA_SR03-300_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	0.00032	159.10	-194.45	0.00031
155.56	-197.99	0.00030	148.49	-205.06	0.00029
141.42	-212.13	0.00027	134.35	-219.20	0.00025
127.28	-226.27	0.00024	120.21	-233.35	0.00022
113.14	-240.42	0.00021	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 ***

19:54:09
 **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	0.00086	-113.14	240.42	0.00090
-120.21	233.35	0.00094	-127.28	226.27	0.00097
-134.35	219.20	0.00099	-141.42	212.13	0.00098
-148.49	205.06	0.00096	-155.56	197.99	0.00091
-159.10	194.45	0.00088	-162.63	190.92	0.00085
-164.76	188.80	0.00083	-166.17	187.38	0.00081
-167.58	185.97	0.00079	-169.00	184.55	0.00077
-170.41	183.14	0.00075	-183.14	170.41	0.00051
-184.55	169.00	0.00049	-185.97	167.58	0.00046
-187.38	166.17	0.00044	-188.80	164.76	0.00042
-190.92	162.63	0.00039	-194.45	159.10	0.00035
-197.99	155.56	0.00032	-205.06	148.49	0.00028
-212.13	141.42	0.00025	-219.20	134.35	0.00022
-226.27	127.28	0.00019	-233.35	120.21	0.00016
-240.42	113.14	0.00015	-247.49	106.07	0.00013
-98.99	240.42	0.00092	-106.07	233.35	0.00099
-113.14	226.27	0.00104	-120.21	219.20	0.00108
-127.28	212.13	0.00111	-134.35	205.06	0.00111
-141.42	197.99	0.00109	-148.49	190.92	0.00104
-152.03	187.38	0.00101	-155.56	183.85	0.00097
-157.68	181.73	0.00095	-159.10	180.31	0.00093
-160.51	178.90	0.00091	-161.93	177.48	0.00088
-163.34	176.07	0.00086	-176.07	163.34	0.00057
-177.48	161.93	0.00054	-178.90	160.51	0.00051
-180.31	159.10	0.00048	-181.73	157.68	0.00046
-183.85	155.56	0.00043	-187.38	152.03	0.00038

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00035	-197.99	141.42	0.00031
-205.06	134.35	0.00027	-212.13	127.28	0.00023
-219.20	120.21	0.00020	-226.27	113.14	0.00017
-233.35	106.07	0.00015	-240.42	98.99	0.00014
-91.92	233.35	0.00099	-98.99	226.27	0.00107
-106.07	219.20	0.00115	-113.14	212.13	0.00121
-120.21	205.06	0.00125	-127.28	197.99	0.00127
-134.35	190.92	0.00126	-141.42	183.85	0.00121
-144.96	180.31	0.00117	-148.49	176.78	0.00113
-150.61	174.66	0.00110	-152.03	173.24	0.00107
-153.44	171.83	0.00105	-154.86	170.41	0.00102
-156.27	169.00	0.00099	-169.00	156.27	0.00063
-170.41	154.86	0.00060	-171.83	153.44	0.00056
-173.24	152.03	0.00053	-174.66	150.61	0.00050

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

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

19:54:09

**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	0.00047	-180.31	144.96	0.00042
-183.85	141.42	0.00039	-190.92	134.35	0.00033
-197.99	127.28	0.00028	-205.06	120.21	0.00024
-212.13	113.14	0.00021	-219.20	106.07	0.00018
-226.27	99.00	0.00016	-233.35	91.92	0.00014
-84.85	226.27	0.00106	-91.92	219.20	0.00116
-98.99	212.13	0.00126	-106.07	205.06	0.00135
-113.14	197.99	0.00142	-120.21	190.92	0.00146
-127.28	183.85	0.00146	-134.35	176.78	0.00141
-137.89	173.24	0.00137	-141.42	169.71	0.00132
-143.54	167.58	0.00128	-144.96	166.17	0.00125
-146.37	164.76	0.00122	-147.79	163.34	0.00119
-149.20	161.93	0.00115	-161.93	149.20	0.00071
-163.34	147.79	0.00067	-164.76	146.37	0.00063
-166.17	144.96	0.00059	-167.58	143.54	0.00056
-169.71	141.42	0.00052	-173.24	137.89	0.00046
-176.78	134.35	0.00042	-183.85	127.28	0.00036
-190.92	120.21	0.00030	-197.99	113.14	0.00026
-205.06	106.07	0.00022	-212.13	99.00	0.00019
-219.20	91.92	0.00017	-226.27	84.85	0.00014

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00112	-84.85	212.13	0.00125
-91.92	205.06	0.00138	-98.99	197.99	0.00150
-106.07	190.92	0.00161	-113.14	183.85	0.00168
-120.21	176.78	0.00170	-127.28	169.71	0.00166
-130.81	166.17	0.00162	-134.35	162.63	0.00156
-136.47	160.51	0.00151	-137.89	159.10	0.00148
-139.30	157.68	0.00144	-140.71	156.27	0.00140
-142.13	154.86	0.00135	-154.86	142.13	0.00080
-156.27	140.71	0.00075	-157.68	139.30	0.00070
-159.10	137.89	0.00066	-160.51	136.47	0.00062
-162.63	134.35	0.00057	-166.17	130.81	0.00051
-169.71	127.28	0.00047	-176.78	120.21	0.00039
-183.85	113.14	0.00032	-190.92	106.07	0.00027
-197.99	99.00	0.00023	-205.06	91.92	0.00020
-212.13	84.85	0.00017	-219.20	77.78	0.00015
-70.71	212.13	0.00118	-77.78	205.06	0.00133
-84.85	197.99	0.00149	-91.92	190.92	0.00166
-98.99	183.85	0.00181	-106.07	176.78	0.00193
-113.14	169.71	0.00200	-120.21	162.63	0.00198
-123.74	159.10	0.00194	-127.28	155.56	0.00187

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

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

19:54:09

**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	0.00182	-130.81	152.03	0.00178
-132.23	150.61	0.00173	-133.64	149.20	0.00168
-135.06	147.79	0.00162	-147.79	135.06	0.00091
-149.20	133.64	0.00084	-150.61	132.23	0.00079
-152.03	130.81	0.00073	-153.44	129.40	0.00069
-155.56	127.28	0.00064	-159.10	123.74	0.00057
-162.63	120.21	0.00051	-169.71	113.14	0.00042
-176.78	106.07	0.00034	-183.85	98.99	0.00029
-190.92	91.92	0.00024	-197.99	84.85	0.00021
-205.06	77.78	0.00018	-212.13	70.71	0.00015
-63.64	205.06	0.00123	-70.71	197.99	0.00141
-77.78	190.92	0.00160	-84.85	183.85	0.00181
-91.92	176.78	0.00203	-98.99	169.71	0.00223
-106.07	162.63	0.00236	-113.14	155.56	0.00238

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00235	-120.21	148.49	0.00228
-122.33	146.37	0.00221	-123.74	144.96	0.00217
-125.16	143.54	0.00211	-126.57	142.13	0.00204
-127.99	140.71	0.00197	-140.71	127.99	0.00103
-142.13	126.57	0.00095	-143.54	125.16	0.00088
-144.96	123.74	0.00082	-146.37	122.33	0.00078
-148.49	120.21	0.00071	-152.03	116.67	0.00063
-155.56	113.14	0.00056	-162.63	106.07	0.00045
-169.71	98.99	0.00037	-176.78	91.92	0.00030
-183.85	84.85	0.00025	-190.92	77.78	0.00021
-197.99	70.71	0.00018	-205.06	63.64	0.00016
-56.57	197.99	0.00128	-63.64	190.92	0.00147
-70.71	183.85	0.00170	-77.78	176.78	0.00196
-84.85	169.71	0.00225	-91.92	162.63	0.00253
-98.99	155.56	0.00278	-106.07	148.49	0.00289
-109.60	144.96	0.00288	-113.14	141.42	0.00282
-115.26	139.30	0.00275	-116.67	137.89	0.00269
-118.09	136.47	0.00262	-119.50	135.06	0.00254
-120.92	133.64	0.00245	-133.64	120.92	0.00118
-135.06	119.50	0.00108	-136.47	118.09	0.00100
-137.89	116.67	0.00093	-139.30	115.26	0.00087
-141.42	113.14	0.00079	-144.96	109.60	0.00069
-148.49	106.07	0.00061	-155.56	98.99	0.00048
-162.63	91.92	0.00039	-169.71	84.85	0.00031
-176.78	77.78	0.00026	-183.85	70.71	0.00022
-190.92	63.64	0.00019	-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 ***

19:54:09

**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	0.00131	-56.57	183.85	0.00153
-63.64	176.78	0.00179	-70.71	169.71	0.00210
-77.78	162.63	0.00245	-84.85	155.56	0.00284
-91.92	148.49	0.00323	-98.99	141.42	0.00352
-102.53	137.89	0.00357	-106.07	134.35	0.00354
-108.19	132.23	0.00348	-109.60	130.81	0.00341
-111.02	129.40	0.00333	-112.43	127.99	0.00323
-113.84	126.57	0.00310	-126.57	113.84	0.00135

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00122	-129.40	111.02	0.00112
-130.81	109.60	0.00104	-132.23	108.19	0.00096
-134.35	106.07	0.00087	-137.89	102.53	0.00075
-141.42	98.99	0.00066	-148.49	91.92	0.00051
-155.56	84.85	0.00040	-162.63	77.78	0.00033
-169.71	70.71	0.00027	-176.78	63.64	0.00023
-183.85	56.57	0.00020	-190.92	49.50	0.00018
-42.43	183.85	0.00134	-49.50	176.78	0.00157
-56.57	169.71	0.00186	-63.64	162.63	0.00221
-70.71	155.56	0.00263	-77.78	148.49	0.00312
-84.85	141.42	0.00368	-91.92	134.35	0.00421
-95.46	130.81	0.00441	-98.99	127.28	0.00449
-101.12	125.16	0.00446	-102.53	123.74	0.00441
-103.94	122.33	0.00432	-105.36	120.92	0.00420
-106.77	119.50	0.00405	-119.50	106.77	0.00152
-120.92	105.36	0.00137	-122.33	103.94	0.00124
-123.74	102.53	0.00114	-125.16	101.12	0.00105
-127.28	98.99	0.00095	-130.81	95.46	0.00081
-134.35	91.92	0.00070	-141.42	84.85	0.00053
-148.49	77.78	0.00042	-155.56	70.71	0.00035
-162.63	63.64	0.00029	-169.71	56.57	0.00025
-176.78	49.50	0.00021	-183.85	42.43	0.00018
-35.36	176.78	0.00136	-42.43	169.71	0.00160
-49.50	162.63	0.00191	-56.57	155.56	0.00230
-63.64	148.49	0.00277	-70.71	141.42	0.00336
-77.78	134.35	0.00407	-84.85	127.28	0.00486
-88.39	123.74	0.00527	-91.92	120.21	0.00559
-94.05	118.09	0.00571	-95.46	116.67	0.00574
-96.87	115.26	0.00572	-98.29	113.84	0.00562
-99.70	112.43	0.00545	-112.43	99.70	0.00169
-113.84	98.29	0.00150	-115.26	96.87	0.00135
-116.67	95.46	0.00123	-118.09	94.05	0.00113

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

19:54:09
 **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	0.00101	-123.74	88.39	0.00085
-127.28	84.85	0.00073	-134.35	77.78	0.00056

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00045	-148.49	63.64	0.00037
-155.56	56.57	0.00031	-162.63	49.50	0.00026
-169.71	42.43	0.00022	-176.78	35.36	0.00019
-28.28	169.71	0.00137	-35.36	162.63	0.00162
-42.43	155.56	0.00195	-49.50	148.49	0.00236
-56.57	141.42	0.00289	-63.64	134.35	0.00356
-70.71	127.28	0.00440	-77.78	120.21	0.00543
-81.32	116.67	0.00600	-84.85	113.14	0.00658
-86.97	111.02	0.00691	-88.39	109.60	0.00711
-89.80	108.19	0.00729	-91.22	106.77	0.00744
-92.63	105.36	0.00749	-105.36	92.63	0.00182
-106.77	91.22	0.00160	-108.19	89.80	0.00143
-109.60	88.39	0.00130	-111.02	86.97	0.00119
-113.14	84.85	0.00106	-116.67	81.32	0.00090
-120.21	77.78	0.00077	-127.28	70.71	0.00059
-134.35	63.64	0.00047	-141.42	56.57	0.00039
-148.49	49.50	0.00032	-155.56	42.43	0.00027
-162.63	35.36	0.00023	-169.71	28.28	0.00020
-21.21	162.63	0.00137	-28.28	155.56	0.00163
-35.36	148.49	0.00197	-42.43	141.42	0.00240
-49.50	134.35	0.00297	-56.57	127.28	0.00372
-63.64	120.21	0.00467	-70.71	113.14	0.00589
-74.25	109.60	0.00661	-77.78	106.07	0.00737
-79.90	103.94	0.00784	-81.32	102.53	0.00814
-82.73	101.12	0.00845	-84.15	99.70	0.00880
-85.56	98.29	0.00916	-98.29	85.56	0.00200
-99.70	84.15	0.00173	-101.12	82.73	0.00154
-102.53	81.32	0.00139	-103.94	79.90	0.00127
-106.07	77.78	0.00113	-109.60	74.25	0.00095
-113.14	70.71	0.00081	-120.21	63.64	0.00062
-127.28	56.57	0.00050	-134.35	49.50	0.00041
-141.42	42.43	0.00034	-148.49	35.36	0.00028
-155.56	28.28	0.00024	-162.63	21.21	0.00021
-14.14	155.56	0.00137	-21.21	148.49	0.00163
-28.28	141.42	0.00196	-35.36	134.35	0.00241
-42.43	127.28	0.00299	-49.50	120.21	0.00377
-56.57	113.14	0.00480	-63.64	106.07	0.00612
-67.18	102.53	0.00690	-70.71	98.99	0.00776

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

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

19:54:09
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_SR03-300_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	0.00828	-74.25	95.46	0.00862
-75.66	94.05	0.00896	-77.07	92.63	0.00933
-78.49	91.22	0.00977	-91.22	78.49	0.00242
-92.63	77.07	0.00206	-94.05	75.66	0.00180
-95.46	74.25	0.00160	-96.87	72.83	0.00145
-98.99	70.71	0.00127	-102.53	67.18	0.00104
-106.07	63.64	0.00089	-113.14	56.57	0.00067
-120.21	49.50	0.00053	-127.28	42.43	0.00043
-134.35	35.36	0.00035	-141.42	28.28	0.00030
-148.49	21.21	0.00025	-155.56	14.14	0.00022
-7.07	148.49	0.00135	-14.14	141.42	0.00160
-21.21	134.35	0.00193	-28.28	127.28	0.00236
-35.36	120.21	0.00293	-42.43	113.14	0.00371
-49.50	106.07	0.00476	-56.57	98.99	0.00615
-60.10	95.46	0.00696	-63.64	91.92	0.00786
-65.76	89.80	0.00843	-67.18	88.39	0.00882
-68.59	86.97	0.00921	-70.00	85.56	0.00961
-71.42	84.15	0.01010	-84.15	71.42	0.00286
-85.56	70.00	0.00243	-86.97	68.59	0.00212
-88.39	67.18	0.00188	-89.80	65.76	0.00169
-91.92	63.64	0.00146	-95.46	60.10	0.00119
-98.99	56.57	0.00100	-106.07	49.50	0.00075
-113.14	42.43	0.00058	-120.21	35.36	0.00046
-127.28	28.28	0.00038	-134.35	21.21	0.00032
-141.42	14.14	0.00027	-148.49	7.07	0.00023
0.00	141.42	0.00131	-7.07	134.35	0.00155
-14.14	127.28	0.00186	-21.21	120.21	0.00227
-28.28	113.14	0.00281	-35.36	106.07	0.00356
-42.43	98.99	0.00460	-49.50	91.92	0.00598
-53.03	88.39	0.00683	-56.57	84.85	0.00778
-58.69	82.73	0.00840	-60.10	81.32	0.00882
-61.52	79.90	0.00926	-62.93	78.49	0.00970
-64.35	77.07	0.01021	-77.07	64.35	0.00320
-78.49	62.93	0.00275	-79.90	61.52	0.00241
-81.32	60.10	0.00215	-82.73	58.69	0.00193
-84.85	56.57	0.00167	-88.39	53.03	0.00135
-91.92	49.50	0.00113	-98.99	42.43	0.00084
-106.07	35.36	0.00064	-113.14	28.28	0.00051
-120.21	21.21	0.00041	-127.28	14.14	0.00034
-134.35	7.07	0.00029	-141.42	0.00	0.00024

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

*** NCRA Cumulative DPM Impacts

19:54:09

**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	0.00127	0.00	127.28	0.00149
-7.07	120.21	0.00178	-14.14	113.14	0.00215
-21.21	106.07	0.00266	-28.28	98.99	0.00335
-35.36	91.92	0.00430	-42.43	84.85	0.00565
-45.96	81.32	0.00652	-49.50	77.78	0.00751
-51.62	75.66	0.00815	-53.03	74.25	0.00860
-54.45	72.83	0.00906	-55.86	71.42	0.00954
-57.28	70.00	0.01008	-70.00	57.28	0.00344
-71.42	55.86	0.00298	-72.83	54.45	0.00264
-74.25	53.03	0.00236	-75.66	51.62	0.00213
-77.78	49.50	0.00186	-81.32	45.96	0.00151
-84.85	42.43	0.00126	-91.92	35.36	0.00093
-98.99	28.28	0.00071	-106.07	21.21	0.00056
-113.14	14.14	0.00045	-120.21	7.07	0.00037
-127.28	0.00	0.00031	-134.35	-7.07	0.00026
14.14	127.28	0.00121	7.07	120.21	0.00142
0.00	113.14	0.00169	-7.07	106.07	0.00203
-14.14	98.99	0.00248	-21.21	91.92	0.00308
-28.28	84.85	0.00391	-35.36	77.78	0.00516
-38.89	74.25	0.00600	-42.43	70.71	0.00698
-44.55	68.59	0.00764	-45.96	67.18	0.00810
-47.38	65.76	0.00859	-48.79	64.35	0.00911
-50.20	62.93	0.00968	-62.93	50.20	0.00358
-64.35	48.79	0.00313	-65.76	47.38	0.00279
-67.18	45.96	0.00251	-68.59	44.55	0.00228
-70.71	42.43	0.00200	-74.25	38.89	0.00165
-77.78	35.36	0.00138	-84.85	28.28	0.00101
-91.92	21.21	0.00078	-98.99	14.14	0.00061
-106.07	7.07	0.00049	-113.14	0.00	0.00040
-120.21	-7.07	0.00033	-127.28	-14.14	0.00027
21.21	120.21	0.00115	14.14	113.14	0.00134
7.07	106.07	0.00158	0.00	98.99	0.00189
-7.07	91.92	0.00228	-14.14	84.85	0.00279
-21.21	77.78	0.00350	-28.28	70.71	0.00454

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00526	-35.36	63.64	0.00616
-37.48	61.52	0.00679	-38.89	60.10	0.00726
-40.31	58.69	0.00776	-41.72	57.28	0.00830
-43.13	55.86	0.00893	-55.86	43.13	0.00364
-57.28	41.72	0.00321	-58.69	40.31	0.00288
-60.10	38.89	0.00261	-61.52	37.48	0.00239

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

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

19:54:09

**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	35.36	0.00211	-67.18	31.82	0.00176
-70.71	28.28	0.00149	-77.78	21.21	0.00110
-84.85	14.14	0.00084	-91.92	7.07	0.00066
-98.99	0.00	0.00052	-106.07	-7.07	0.00042
-113.14	-14.14	0.00035	-120.21	-21.21	0.00029
28.28	113.14	0.00108	21.21	106.07	0.00125
14.14	98.99	0.00147	7.07	91.92	0.00173
0.00	84.85	0.00206	-7.07	77.78	0.00250
-14.14	70.71	0.00308	-21.21	63.64	0.00390
-24.75	60.10	0.00444	-28.28	56.57	0.00511
-30.41	54.45	0.00561	-31.82	53.03	0.00600
-33.23	51.62	0.00646	-34.65	50.20	0.00699
-36.06	48.79	0.00763	-48.79	36.06	0.00365
-50.20	34.65	0.00325	-51.62	33.23	0.00294
-53.03	31.82	0.00269	-54.45	30.41	0.00247
-56.57	28.28	0.00220	-60.10	24.75	0.00185
-63.64	21.21	0.00157	-70.71	14.14	0.00117
-77.78	7.07	0.00089	-84.85	0.00	0.00069
-91.92	-7.07	0.00055	-98.99	-14.14	0.00045
-106.07	-21.21	0.00037	-113.14	-28.28	0.00031
35.36	106.07	0.00101	28.28	98.99	0.00116
21.21	91.92	0.00134	14.14	84.85	0.00156
7.07	77.78	0.00184	0.00	70.71	0.00220
-7.07	63.64	0.00267	-14.14	56.57	0.00328
-17.68	53.03	0.00366	-21.21	49.50	0.00410
-23.33	47.38	0.00440	-24.75	45.96	0.00464
-26.16	44.55	0.00491	-27.58	43.13	0.00524
-28.99	41.72	0.00568	-41.72	28.99	0.00364

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00327	-44.55	26.16	0.00297
-45.96	24.75	0.00273	-47.38	23.33	0.00252
-49.50	21.21	0.00226	-53.03	17.68	0.00190
-56.57	14.14	0.00163	-63.64	7.07	0.00122
-70.71	0.00	0.00093	-77.78	-7.07	0.00073
-84.85	-14.14	0.00058	-91.92	-21.21	0.00047
-98.99	-28.28	0.00039	-106.07	-35.36	0.00032
42.43	98.99	0.00092	35.36	91.92	0.00105
28.28	84.85	0.00120	21.21	77.78	0.00139
14.14	70.71	0.00162	7.07	63.64	0.00191
0.00	56.57	0.00227	-7.07	49.50	0.00270
-10.61	45.96	0.00295	-14.14	42.43	0.00322

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

19:54:09

**MODELOPTs:

PAGE 91

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	0.00340	-17.68	38.89	0.00353
-19.09	37.48	0.00368	-20.51	36.06	0.00384
-21.92	34.65	0.00404	-34.65	21.92	0.00353
-36.06	20.51	0.00322	-37.48	19.09	0.00295
-38.89	17.68	0.00273	-40.31	16.26	0.00253
-42.43	14.14	0.00228	-45.96	10.61	0.00193
-49.50	7.07	0.00166	-56.57	0.00	0.00126
-63.64	-7.07	0.00097	-70.71	-14.14	0.00076
-77.78	-21.21	0.00060	-84.85	-28.28	0.00049
-91.92	-35.36	0.00041	-98.99	-42.43	0.00034
49.50	91.92	0.00084	42.43	84.85	0.00095
35.36	77.78	0.00107	28.28	70.71	0.00123
21.21	63.64	0.00142	14.14	56.57	0.00165
7.07	49.50	0.00194	0.00	42.43	0.00227
-3.54	38.89	0.00246	-7.07	35.36	0.00266
-9.19	33.23	0.00280	-10.61	31.82	0.00291
-12.02	30.41	0.00303	-13.44	28.99	0.00316
-14.85	27.58	0.00329	-27.58	14.85	0.00311
-28.99	13.44	0.00292	-30.41	12.02	0.00273
-31.82	10.61	0.00256	-33.23	9.19	0.00240
-35.36	7.07	0.00219	-38.89	3.54	0.00189
-42.43	0.00	0.00164	-49.50	-7.07	0.00126

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00098	-63.64	-21.21	0.00078
-70.71	-28.28	0.00062	-77.78	-35.36	0.00051
-84.85	-42.43	0.00042	-91.92	-49.50	0.00035
56.57	84.85	0.00076	49.50	77.78	0.00085
42.43	70.71	0.00096	35.36	63.64	0.00110
28.28	56.57	0.00126	21.21	49.50	0.00146
14.14	42.43	0.00169	7.07	35.36	0.00195
3.54	31.82	0.00210	0.00	28.28	0.00228
-2.12	26.16	0.00240	-3.54	24.75	0.00248
-4.95	23.33	0.00256	-6.36	21.92	0.00265
-7.78	20.51	0.00274	-20.51	7.78	0.00266
-21.92	6.36	0.00253	-23.33	4.95	0.00241
-24.75	3.54	0.00229	-26.16	2.12	0.00217
-28.28	0.00	0.00201	-31.82	-3.54	0.00177
-35.36	-7.07	0.00155	-42.43	-14.14	0.00122
-49.50	-21.21	0.00097	-56.57	-28.28	0.00078
-63.64	-35.36	0.00063	-70.71	-42.43	0.00052
-77.78	-49.50	0.00043	-84.85	-56.57	0.00036

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

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

19:54:09
 **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	0.00070	56.57	70.71	0.00078
49.50	63.64	0.00087	42.43	56.57	0.00099
35.36	49.50	0.00113	28.28	42.43	0.00129
21.21	35.36	0.00148	14.14	28.28	0.00170
10.61	24.75	0.00183	7.07	21.21	0.00196
4.95	19.09	0.00204	3.54	17.68	0.00210
2.12	16.26	0.00216	0.71	14.85	0.00223
-0.71	13.44	0.00230	-13.44	0.71	0.00226
-14.85	-0.71	0.00217	-16.26	-2.12	0.00208
-17.68	-3.54	0.00200	-19.09	-4.95	0.00191
-21.21	-7.07	0.00179	-24.75	-10.61	0.00161
-28.28	-14.14	0.00144	-35.36	-21.21	0.00115
-42.43	-28.28	0.00094	-49.50	-35.36	0.00076
-56.57	-42.43	0.00062	-63.64	-49.50	0.00052
-70.71	-56.57	0.00043	-77.78	-63.64	0.00037
70.71	70.71	0.00064	63.64	63.64	0.00071

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00080	49.50	49.50	0.00090
42.43	42.43	0.00101	35.36	35.36	0.00115
28.28	28.28	0.00131	21.21	21.21	0.00150
17.68	17.68	0.00159	14.14	14.14	0.00168
12.02	12.02	0.00174	10.61	10.61	0.00179
9.19	9.19	0.00184	7.78	7.78	0.00189
6.36	6.36	0.00194	-6.36	-6.36	0.00192
-7.78	-7.78	0.00186	-9.19	-9.19	0.00179
-10.61	-10.61	0.00173	-12.02	-12.02	0.00167
-14.14	-14.14	0.00158	-17.68	-17.68	0.00144
-21.21	-21.21	0.00131	-28.28	-28.28	0.00108
-35.36	-35.36	0.00088	-42.43	-42.43	0.00073
-49.50	-49.50	0.00061	-56.57	-56.57	0.00051
-63.64	-63.64	0.00043	-70.71	-70.71	0.00037
77.78	63.64	0.00059	70.71	56.57	0.00065
63.64	49.50	0.00073	56.57	42.43	0.00081
49.50	35.36	0.00091	42.43	28.28	0.00103
35.36	21.21	0.00117	28.28	14.14	0.00131
24.75	10.61	0.00137	21.21	7.07	0.00145
19.09	4.95	0.00150	17.68	3.54	0.00154
16.26	2.12	0.00158	14.85	0.71	0.00162
13.44	-0.71	0.00166	0.71	-13.44	0.00164
-0.71	-14.85	0.00159	-2.12	-16.26	0.00155
-3.54	-17.68	0.00150	-4.95	-19.09	0.00145

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

19:54:09
 **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	0.00138	-10.61	-24.75	0.00127
-14.14	-28.28	0.00117	-21.21	-35.36	0.00099
-28.28	-42.43	0.00083	-35.36	-49.50	0.00070
-42.43	-56.57	0.00059	-49.50	-63.64	0.00050
-56.57	-70.71	0.00042	-63.64	-77.78	0.00036
84.85	56.57	0.00054	77.78	49.50	0.00060
70.71	42.43	0.00066	63.64	35.36	0.00074
56.57	28.28	0.00083	49.50	21.21	0.00094
42.43	14.14	0.00104	35.36	7.07	0.00114
31.82	3.54	0.00119	28.28	0.00	0.00126

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00130	24.75	-3.54	0.00133
23.33	-4.95	0.00136	21.92	-6.36	0.00139
20.51	-7.78	0.00142	7.78	-20.51	0.00141
6.36	-21.92	0.00137	4.95	-23.33	0.00134
3.54	-24.75	0.00131	2.12	-26.16	0.00127
0.00	-28.28	0.00122	-3.54	-31.82	0.00113
-7.07	-35.36	0.00105	-14.14	-42.43	0.00090
-21.21	-49.50	0.00077	-28.28	-56.57	0.00066
-35.36	-63.64	0.00056	-42.43	-70.71	0.00048
-49.50	-77.78	0.00041	-56.57	-84.85	0.00035
91.92	49.50	0.00050	84.85	42.43	0.00055
77.78	35.36	0.00061	70.71	28.28	0.00068
63.64	21.21	0.00076	56.57	14.14	0.00085
49.50	7.07	0.00093	42.43	0.00	0.00100
38.89	-3.54	0.00105	35.36	-7.07	0.00110
33.23	-9.19	0.00114	31.82	-10.61	0.00116
30.41	-12.02	0.00119	28.99	-13.44	0.00121
27.58	-14.85	0.00123	14.85	-27.58	0.00122
13.44	-28.99	0.00119	12.02	-30.41	0.00117
10.61	-31.82	0.00114	9.19	-33.23	0.00112
7.07	-35.36	0.00107	3.54	-38.89	0.00100
0.00	-42.43	0.00094	-7.07	-49.50	0.00082
-14.14	-56.57	0.00072	-21.21	-63.64	0.00062
-28.28	-70.71	0.00053	-35.36	-77.78	0.00046
-42.43	-84.85	0.00040	-49.50	-91.92	0.00035
98.99	42.43	0.00047	91.92	35.36	0.00051
84.85	28.28	0.00057	77.78	21.21	0.00063
70.71	14.14	0.00070	63.64	7.07	0.00076
56.57	0.00	0.00082	49.50	-7.07	0.00089
45.96	-10.61	0.00092	42.43	-14.14	0.00097

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

19:54:09
 **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	0.00100	38.89	-17.68	0.00102
37.48	-19.09	0.00104	36.06	-20.51	0.00106
34.65	-21.92	0.00107	21.92	-34.65	0.00106
20.51	-36.06	0.00104	19.09	-37.48	0.00103

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00101	16.26	-40.31	0.00098
14.14	-42.43	0.00095	10.61	-45.96	0.00089
7.07	-49.50	0.00084	0.00	-56.57	0.00074
-7.07	-63.64	0.00066	-14.14	-70.71	0.00058
-21.21	-77.78	0.00050	-28.28	-84.85	0.00044
-35.36	-91.92	0.00038	-42.43	-98.99	0.00033
106.07	35.36	0.00043	98.99	28.28	0.00048
91.92	21.21	0.00053	84.85	14.14	0.00059
77.78	7.07	0.00064	70.71	0.00	0.00069
63.64	-7.07	0.00073	56.57	-14.14	0.00079
53.03	-17.68	0.00082	49.50	-21.21	0.00086
47.38	-23.33	0.00089	45.96	-24.75	0.00090
44.55	-26.16	0.00092	43.13	-27.58	0.00093
41.72	-28.99	0.00094	28.99	-41.72	0.00093
27.58	-43.13	0.00092	26.16	-44.55	0.00091
24.75	-45.96	0.00089	23.33	-47.38	0.00087
21.21	-49.50	0.00085	17.68	-53.03	0.00080
14.14	-56.57	0.00076	7.07	-63.64	0.00067
0.00	-70.71	0.00060	-7.07	-77.78	0.00054
-14.14	-84.85	0.00048	-21.21	-91.92	0.00042
-28.28	-98.99	0.00037	-35.36	-106.07	0.00032
113.14	28.28	0.00041	106.07	21.21	0.00045
98.99	14.14	0.00050	91.92	7.07	0.00054
84.85	0.00	0.00058	77.78	-7.07	0.00062
70.71	-14.14	0.00066	63.64	-21.21	0.00071
60.10	-24.75	0.00074	56.57	-28.28	0.00077
54.45	-30.41	0.00079	53.03	-31.82	0.00080
51.62	-33.23	0.00081	50.20	-34.65	0.00083
48.79	-36.06	0.00083	36.06	-48.79	0.00083
34.65	-50.20	0.00082	33.23	-51.62	0.00080
31.82	-53.03	0.00079	30.41	-54.45	0.00078
28.28	-56.57	0.00076	24.75	-60.10	0.00072
21.21	-63.64	0.00068	14.14	-70.71	0.00061
7.07	-77.78	0.00055	0.00	-84.85	0.00050
-7.07	-91.92	0.00045	-14.14	-98.99	0.00040
-21.21	-106.07	0.00035	-28.28	-113.14	0.00031

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

19:54:09
 **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 ***

13NCRA_SR03-300_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	0.00050
91.92	-7.07	0.00053	84.85	-14.14	0.00056
77.78	-21.21	0.00059	70.71	-28.28	0.00064
67.18	-31.82	0.00066	63.64	-35.36	0.00069
61.52	-37.48	0.00071	60.10	-38.89	0.00072
58.69	-40.31	0.00073	57.28	-41.72	0.00074
55.86	-43.13	0.00074	43.13	-55.86	0.00074
41.72	-57.28	0.00073	40.31	-58.69	0.00072
38.89	-60.10	0.00071	37.48	-61.52	0.00070
35.36	-63.64	0.00068	31.82	-67.18	0.00065
28.28	-70.71	0.00062	21.21	-77.78	0.00056
14.14	-84.85	0.00051	7.07	-91.92	0.00046
0.00	-98.99	0.00042	-7.07	-106.07	0.00038
-14.14	-113.14	0.00034	-21.21	-120.21	0.00030
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00043	106.07	-7.07	0.00046
98.99	-14.14	0.00049	91.92	-21.21	0.00051
84.85	-28.28	0.00054	77.78	-35.36	0.00058
74.25	-38.89	0.00060	70.71	-42.43	0.00063
68.59	-44.55	0.00064	67.18	-45.96	0.00065
65.76	-47.38	0.00065	64.35	-48.79	0.00066
62.93	-50.20	0.00067	50.20	-62.93	0.00066
48.79	-64.35	0.00065	47.38	-65.76	0.00065
45.96	-67.18	0.00064	44.55	-68.59	0.00063
42.43	-70.71	0.00062	38.89	-74.25	0.00059
35.36	-77.78	0.00057	28.28	-84.85	0.00051
21.21	-91.92	0.00047	14.14	-98.99	0.00043
7.07	-106.07	0.00039	0.00	-113.14	0.00036
-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	0.00040	113.14	-14.14	0.00042
106.07	-21.21	0.00044	98.99	-28.28	0.00047
91.92	-35.36	0.00049	84.85	-42.43	0.00053
81.32	-45.96	0.00055	77.78	-49.50	0.00057
75.66	-51.62	0.00058	74.25	-53.03	0.00059
72.83	-54.45	0.00059	71.42	-55.86	0.00060
70.00	-57.28	0.00060	57.28	-70.00	0.00059
55.86	-71.42	0.00059	54.45	-72.83	0.00058
53.03	-74.25	0.00058	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

19:54:09
 **MODELOPTS:
 PAGE 96
 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00056	45.96	-81.32	0.00054	
42.43	-84.85	0.00052	35.36	-91.92	0.00047	
28.28	-98.99	0.00043	21.21	-106.07	0.00040	
14.14	-113.14	0.00037	7.07	-120.21	0.00034	
0.00	-127.28	0.00031	-7.07	-134.35	0.00028	
141.42	0.00	0.00033	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	0.00043	
98.99	-42.43	0.00045	91.92	-49.50	0.00048	
88.39	-53.03	0.00050	84.85	-56.57	0.00052	
82.73	-58.69	0.00053	81.32	-60.10	0.00053	
79.90	-61.52	0.00054	78.49	-62.93	0.00054	
77.07	-64.35	0.00054	64.35	-77.07	0.00054	
62.93	-78.49	0.00054	61.52	-79.90	0.00053	
60.10	-81.32	0.00053	58.69	-82.73	0.00052	
56.57	-84.85	0.00051	53.03	-88.39	0.00049	
49.50	-91.92	0.00047	42.43	-98.99	0.00044	
35.36	-106.07	0.00040	28.28	-113.14	0.00037	
21.21	-120.21	0.00034	14.14	-127.28	0.00032	
7.07	-134.35	0.00029	0.00	-141.42	0.00027	
148.49	-7.07	0.00031	141.42	-14.14	0.00033	
134.35	-21.21	0.00035	127.28	-28.28	0.00036	
120.21	-35.36	0.00038	113.14	-42.43	0.00039	
106.07	-49.50	0.00042	98.99	-56.57	0.00044	
95.46	-60.10	0.00046	91.92	-63.64	0.00047	
89.80	-65.76	0.00048	88.39	-67.18	0.00049	
86.97	-68.59	0.00049	85.56	-70.00	0.00049	
84.15	-71.42	0.00050	71.42	-84.15	0.00049	
70.00	-85.56	0.00049	68.59	-86.97	0.00048	
67.18	-88.39	0.00048	65.76	-89.80	0.00047	
63.64	-91.92	0.00047	60.10	-95.46	0.00045	
56.57	-98.99	0.00044	49.50	-106.07	0.00040	
42.43	-113.14	0.00037	35.36	-120.21	0.00034	
28.28	-127.28	0.00032	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	0.00031	

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00032	134.35	-35.36	0.00033
127.28	-42.43	0.00035	120.21	-49.50	0.00036
113.14	-56.57	0.00039	106.07	-63.64	0.00041
102.53	-67.18	0.00042	98.99	-70.71	0.00044

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

19:54:09
 **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	0.00044	95.46	-74.25	0.00045
94.05	-75.66	0.00045	92.63	-77.07	0.00045
91.22	-78.49	0.00045	78.49	-91.22	0.00045
77.07	-92.63	0.00045	75.66	-94.05	0.00044
74.25	-95.46	0.00044	72.83	-96.87	0.00044
70.71	-98.99	0.00043	67.18	-102.53	0.00042
63.64	-106.07	0.00040	56.57	-113.14	0.00038
49.50	-120.21	0.00035	42.43	-127.28	0.00032
35.36	-134.35	0.00030	28.28	-141.42	0.00028
21.21	-148.49	0.00026	14.14	-155.56	0.00024
162.63	-21.21	0.00028	155.56	-28.28	0.00029
148.49	-35.36	0.00030	141.42	-42.43	0.00031
134.35	-49.50	0.00032	127.28	-56.57	0.00034
120.21	-63.64	0.00036	113.14	-70.71	0.00038
109.60	-74.25	0.00039	106.07	-77.78	0.00040
103.94	-79.90	0.00041	102.53	-81.32	0.00041
101.12	-82.73	0.00041	99.70	-84.15	0.00041
98.29	-85.56	0.00042	85.56	-98.29	0.00041
84.15	-99.70	0.00041	82.73	-101.12	0.00041
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	0.00037	63.64	-120.21	0.00035
56.57	-127.28	0.00033	49.50	-134.35	0.00030
42.43	-141.42	0.00028	35.36	-148.49	0.00026
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	0.00031
127.28	-70.71	0.00033	120.21	-77.78	0.00035
116.67	-81.32	0.00036	113.14	-84.85	0.00037

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00038	109.60	-88.39	0.00038
108.19	-89.80	0.00038	106.77	-91.22	0.00038
105.36	-92.63	0.00038	92.63	-105.36	0.00038
91.22	-106.77	0.00038	89.80	-108.19	0.00038
88.39	-109.60	0.00037	86.97	-111.02	0.00037
84.85	-113.14	0.00037	81.32	-116.67	0.00036
77.78	-120.21	0.00035	70.71	-127.28	0.00033
63.64	-134.35	0.00030	56.57	-141.42	0.00028
49.50	-148.49	0.00027	42.43	-155.56	0.00025
35.36	-162.63	0.00023	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 ***

19:54:09

**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	0.00029
134.35	-77.78	0.00031	127.28	-84.85	0.00033
123.74	-88.39	0.00034	120.21	-91.92	0.00034
118.09	-94.05	0.00035	116.67	-95.46	0.00035
115.26	-96.87	0.00035	113.84	-98.29	0.00035
112.43	-99.70	0.00035	99.70	-112.43	0.00035
98.29	-113.84	0.00035	96.87	-115.26	0.00035
95.46	-116.67	0.00035	94.05	-118.09	0.00034
91.92	-120.21	0.00034	88.39	-123.74	0.00033
84.85	-127.28	0.00032	77.78	-134.35	0.00030
70.71	-141.42	0.00029	63.64	-148.49	0.00027
56.57	-155.56	0.00025	49.50	-162.63	0.00023
42.43	-169.71	0.00022	35.36	-176.78	0.00021
183.85	-42.43	0.00023	176.78	-49.50	0.00024
169.71	-56.57	0.00025	162.63	-63.64	0.00025
155.56	-70.71	0.00026	148.49	-77.78	0.00028
141.42	-84.85	0.00029	134.35	-91.92	0.00031
130.81	-95.46	0.00031	127.28	-98.99	0.00032
125.16	-101.12	0.00032	123.74	-102.53	0.00033
122.33	-103.94	0.00033	120.92	-105.36	0.00033
119.50	-106.77	0.00033	106.77	-119.50	0.00033
105.36	-120.92	0.00033	103.94	-122.33	0.00032

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00032	101.12	-125.16	0.00032
98.99	-127.28	0.00032	95.46	-130.81	0.00031
91.92	-134.35	0.00030	84.85	-141.42	0.00029
77.78	-148.49	0.00027	70.71	-155.56	0.00025
63.64	-162.63	0.00024	56.57	-169.71	0.00022
49.50	-176.78	0.00021	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	0.00024
162.63	-77.78	0.00025	155.56	-84.85	0.00026
148.49	-91.92	0.00027	141.42	-98.99	0.00029
137.89	-102.53	0.00029	134.35	-106.07	0.00030
132.23	-108.19	0.00030	130.81	-109.60	0.00030
129.40	-111.02	0.00030	127.99	-112.43	0.00031
126.57	-113.84	0.00031	113.84	-126.57	0.00030
112.43	-127.99	0.00030	111.02	-129.40	0.00030
109.60	-130.81	0.00030	108.19	-132.23	0.00030

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

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00021	70.71	-183.85	0.00020
63.64	-190.92	0.00019	56.57	-197.99	0.00018
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	0.00022	169.71	-98.99	0.00023
162.63	-106.07	0.00024	155.56	-113.14	0.00025
152.03	-116.67	0.00026	148.49	-120.21	0.00026
146.37	-122.33	0.00026	144.96	-123.74	0.00026
143.54	-125.16	0.00027	142.13	-126.57	0.00027
140.71	-127.99	0.00027	127.99	-140.71	0.00027
126.57	-142.13	0.00026	125.16	-143.54	0.00026
123.74	-144.96	0.00026	122.33	-146.37	0.00026
120.21	-148.49	0.00026	116.67	-152.03	0.00025
113.14	-155.56	0.00025	106.07	-162.63	0.00024
98.99	-169.71	0.00023	91.92	-176.78	0.00021
84.85	-183.85	0.00020	77.78	-190.92	0.00019
70.71	-197.99	0.00018	63.64	-205.06	0.00017
212.13	-70.71	0.00018	205.06	-77.78	0.00019
197.99	-84.85	0.00019	190.92	-91.92	0.00020
183.85	-98.99	0.00021	176.78	-106.07	0.00022
169.71	-113.14	0.00023	162.63	-120.21	0.00024
159.10	-123.74	0.00024	155.56	-127.28	0.00025

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00025	152.03	-130.81	0.00025
150.61	-132.23	0.00025	149.20	-133.64	0.00025
147.79	-135.06	0.00025	135.06	-147.79	0.00025
133.64	-149.20	0.00025	132.23	-150.61	0.00025
130.81	-152.03	0.00025	129.40	-153.44	0.00024
127.28	-155.56	0.00024	123.74	-159.10	0.00024
120.21	-162.63	0.00023	113.14	-169.71	0.00022
106.07	-176.78	0.00021	98.99	-183.85	0.00020
91.92	-190.92	0.00019	84.85	-197.99	0.00018
77.78	-205.06	0.00017	70.71	-212.13	0.00016
219.20	-77.78	0.00017	212.13	-84.85	0.00018
205.06	-91.92	0.00018	197.99	-98.99	0.00019

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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**MODELOPTs:

PAGE 101

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	0.00017
205.06	-120.21	0.00018	197.99	-127.28	0.00019
190.92	-134.35	0.00019	183.85	-141.42	0.00020
180.31	-144.96	0.00020	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00021

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

19:54:09
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_SR03-300_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	0.00017
141.42	-212.13	0.00017	134.35	-219.20	0.00016
127.28	-226.27	0.00015	120.21	-233.35	0.00014
113.14	-240.42	0.00014	106.07	-247.49	0.00013

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

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

19:54:09

**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	0.00134	-113.14	240.42	0.00157
-120.21	233.35	0.00186	-127.28	226.27	0.00221
-134.35	219.20	0.00263	-141.42	212.13	0.00312
-148.49	205.06	0.00368	-155.56	197.99	0.00421
-159.10	194.45	0.00441	-162.63	190.92	0.00449
-164.76	188.80	0.00446	-166.17	187.38	0.00441
-167.58	185.97	0.00432	-169.00	184.55	0.00420
-170.41	183.14	0.00405	-183.14	170.41	0.00152
-184.55	169.00	0.00137	-185.97	167.58	0.00124
-187.38	166.17	0.00114	-188.80	164.76	0.00105
-190.92	162.63	0.00095	-194.45	159.10	0.00081
-197.99	155.56	0.00070	-205.06	148.49	0.00053
-212.13	141.42	0.00042	-219.20	134.35	0.00035
-226.27	127.28	0.00029	-233.35	120.21	0.00025
-240.42	113.14	0.00021	-247.49	106.07	0.00018
-98.99	240.42	0.00136	-106.07	233.35	0.00160
-113.14	226.27	0.00191	-120.21	219.20	0.00230
-127.28	212.13	0.00277	-134.35	205.06	0.00336
-141.42	197.99	0.00407	-148.49	190.92	0.00486
-152.03	187.38	0.00527	-155.56	183.85	0.00559
-157.68	181.73	0.00571	-159.10	180.31	0.00574
-160.51	178.90	0.00572	-161.93	177.48	0.00562
-163.34	176.07	0.00545	-176.07	163.34	0.00169
-177.48	161.93	0.00150	-178.90	160.51	0.00135
-180.31	159.10	0.00123	-181.73	157.68	0.00113
-183.85	155.56	0.00101	-187.38	152.03	0.00085
-190.92	148.49	0.00073	-197.99	141.42	0.00056
-205.06	134.35	0.00045	-212.13	127.28	0.00037
-219.20	120.21	0.00031	-226.27	113.14	0.00026

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00022	-240.42	98.99	0.00019
-91.92	233.35	0.00137	-98.99	226.27	0.00162
-106.07	219.20	0.00195	-113.14	212.13	0.00236
-120.21	205.06	0.00289	-127.28	197.99	0.00356
-134.35	190.92	0.00440	-141.42	183.85	0.00543
-144.96	180.31	0.00600	-148.49	176.78	0.00658
-150.61	174.66	0.00691	-152.03	173.24	0.00711
-153.44	171.83	0.00729	-154.86	170.41	0.00744
-156.27	169.00	0.00749	-169.00	156.27	0.00182
-170.41	154.86	0.00160	-171.83	153.44	0.00143
-173.24	152.03	0.00130	-174.66	150.61	0.00119

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

19:54:09
 **MODELOPTs:
 PAGE 104

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00106	-180.31	144.96	0.00090
-183.85	141.42	0.00077	-190.92	134.35	0.00059
-197.99	127.28	0.00047	-205.06	120.21	0.00039
-212.13	113.14	0.00032	-219.20	106.07	0.00027
-226.27	99.00	0.00023	-233.35	91.92	0.00020
-84.85	226.27	0.00137	-91.92	219.20	0.00163
-98.99	212.13	0.00197	-106.07	205.06	0.00240
-113.14	197.99	0.00297	-120.21	190.92	0.00372
-127.28	183.85	0.00467	-134.35	176.78	0.00589
-137.89	173.24	0.00661	-141.42	169.71	0.00737
-143.54	167.58	0.00784	-144.96	166.17	0.00814
-146.37	164.76	0.00845	-147.79	163.34	0.00880
-149.20	161.93	0.00916	-161.93	149.20	0.00200
-163.34	147.79	0.00173	-164.76	146.37	0.00154
-166.17	144.96	0.00139	-167.58	143.54	0.00127
-169.71	141.42	0.00113	-173.24	137.89	0.00095
-176.78	134.35	0.00081	-183.85	127.28	0.00062
-190.92	120.21	0.00050	-197.99	113.14	0.00041
-205.06	106.07	0.00034	-212.13	99.00	0.00028
-219.20	91.92	0.00024	-226.27	84.85	0.00021
-77.78	219.20	0.00137	-84.85	212.13	0.00163
-91.92	205.06	0.00196	-98.99	197.99	0.00241
-106.07	190.92	0.00299	-113.14	183.85	0.00377

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.01021	-140.71	127.99	0.00320
-142.13	126.57	0.00275	-143.54	125.16	0.00241
-144.96	123.74	0.00215	-146.37	122.33	0.00193
-148.49	120.21	0.00167	-152.03	116.67	0.00135
-155.56	113.14	0.00113	-162.63	106.07	0.00084
-169.71	98.99	0.00064	-176.78	91.92	0.00051
-183.85	84.85	0.00041	-190.92	77.78	0.00034
-197.99	70.71	0.00029	-205.06	63.64	0.00024
-56.57	197.99	0.00127	-63.64	190.92	0.00149
-70.71	183.85	0.00178	-77.78	176.78	0.00215
-84.85	169.71	0.00266	-91.92	162.63	0.00335
-98.99	155.56	0.00430	-106.07	148.49	0.00565
-109.60	144.96	0.00652	-113.14	141.42	0.00751
-115.26	139.30	0.00815	-116.67	137.89	0.00860
-118.09	136.47	0.00906	-119.50	135.06	0.00954
-120.92	133.64	0.01008	-133.64	120.92	0.00344
-135.06	119.50	0.00298	-136.47	118.09	0.00264
-137.89	116.67	0.00236	-139.30	115.26	0.00213
-141.42	113.14	0.00186	-144.96	109.60	0.00151
-148.49	106.07	0.00126	-155.56	98.99	0.00092
-162.63	91.92	0.00071	-169.71	84.85	0.00056
-176.78	77.78	0.00045	-183.85	70.71	0.00037
-190.92	63.64	0.00031	-197.99	56.57	0.00026

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

19:54:09
 **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	0.00121	-56.57	183.85	0.00142
-63.64	176.78	0.00169	-70.71	169.71	0.00203
-77.78	162.63	0.00248	-84.85	155.56	0.00308
-91.92	148.49	0.00391	-98.99	141.42	0.00516
-102.53	137.89	0.00600	-106.07	134.35	0.00698
-108.19	132.23	0.00764	-109.60	130.81	0.00810
-111.02	129.40	0.00859	-112.43	127.99	0.00911
-113.84	126.57	0.00968	-126.57	113.84	0.00358
-127.99	112.43	0.00313	-129.40	111.02	0.00279
-130.81	109.60	0.00251	-132.23	108.19	0.00228
-134.35	106.07	0.00200	-137.89	102.53	0.00165

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00138	-148.49	91.92	0.00101
-155.56	84.85	0.00078	-162.63	77.78	0.00061
-169.71	70.71	0.00049	-176.78	63.64	0.00040
-183.85	56.57	0.00033	-190.92	49.50	0.00027
-42.43	183.85	0.00115	-49.50	176.78	0.00134
-56.57	169.71	0.00158	-63.64	162.63	0.00189
-70.71	155.56	0.00228	-77.78	148.49	0.00279
-84.85	141.42	0.00350	-91.92	134.35	0.00454
-95.46	130.81	0.00526	-98.99	127.28	0.00616
-101.12	125.16	0.00679	-102.53	123.74	0.00726
-103.94	122.33	0.00775	-105.36	120.92	0.00830
-106.77	119.50	0.00893	-119.50	106.77	0.00364
-120.92	105.36	0.00321	-122.33	103.94	0.00288
-123.74	102.53	0.00261	-125.16	101.12	0.00239
-127.28	98.99	0.00211	-130.81	95.46	0.00176
-134.35	91.92	0.00149	-141.42	84.85	0.00110
-148.49	77.78	0.00084	-155.56	70.71	0.00066
-162.63	63.64	0.00052	-169.71	56.57	0.00042
-176.78	49.50	0.00035	-183.85	42.43	0.00029
-35.36	176.78	0.00108	-42.43	169.71	0.00125
-49.50	162.63	0.00147	-56.57	155.56	0.00173
-63.64	148.49	0.00206	-70.71	141.42	0.00250
-77.78	134.35	0.00308	-84.85	127.28	0.00390
-88.39	123.74	0.00444	-91.92	120.21	0.00511
-94.05	118.09	0.00561	-95.46	116.67	0.00600
-96.87	115.26	0.00646	-98.29	113.84	0.00699
-99.70	112.43	0.00763	-112.43	99.70	0.00365
-113.84	98.29	0.00325	-115.26	96.87	0.00294
-116.67	95.46	0.00269	-118.09	94.05	0.00247

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

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

19:54:09
 **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	0.00220	-123.74	88.39	0.00185
-127.28	84.85	0.00157	-134.35	77.78	0.00117
-141.42	70.71	0.00089	-148.49	63.64	0.00069
-155.56	56.57	0.00055	-162.63	49.50	0.00045
-169.71	42.43	0.00037	-176.78	35.36	0.00031

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00101	-35.36	162.63	0.00116
-42.43	155.56	0.00134	-49.50	148.49	0.00156
-56.57	141.42	0.00184	-63.64	134.35	0.00220
-70.71	127.28	0.00267	-77.78	120.21	0.00328
-81.32	116.67	0.00366	-84.85	113.14	0.00410
-86.97	111.02	0.00440	-88.39	109.60	0.00464
-89.80	108.19	0.00491	-91.22	106.77	0.00524
-92.63	105.36	0.00568	-105.36	92.63	0.00364
-106.77	91.22	0.00327	-108.19	89.80	0.00297
-109.60	88.39	0.00273	-111.02	86.97	0.00252
-113.14	84.85	0.00226	-116.67	81.32	0.00190
-120.21	77.78	0.00163	-127.28	70.71	0.00122
-134.35	63.64	0.00093	-141.42	56.57	0.00073
-148.49	49.50	0.00058	-155.56	42.43	0.00047
-162.63	35.36	0.00039	-169.71	28.28	0.00032
-21.21	162.63	0.00092	-28.28	155.56	0.00105
-35.36	148.49	0.00120	-42.43	141.42	0.00139
-49.50	134.35	0.00162	-56.57	127.28	0.00191
-63.64	120.21	0.00227	-70.71	113.14	0.00270
-74.25	109.60	0.00295	-77.78	106.07	0.00322
-79.90	103.94	0.00340	-81.32	102.53	0.00353
-82.73	101.12	0.00368	-84.15	99.70	0.00384
-85.56	98.29	0.00404	-98.29	85.56	0.00353
-99.70	84.15	0.00322	-101.12	82.73	0.00295
-102.53	81.32	0.00273	-103.94	79.90	0.00253
-106.07	77.78	0.00228	-109.60	74.25	0.00193
-113.14	70.71	0.00166	-120.21	63.64	0.00126
-127.28	56.57	0.00097	-134.35	49.50	0.00076
-141.42	42.43	0.00060	-148.49	35.36	0.00049
-155.56	28.28	0.00041	-162.63	21.21	0.00034
-14.14	155.56	0.00084	-21.21	148.49	0.00095
-28.28	141.42	0.00107	-35.36	134.35	0.00123
-42.43	127.28	0.00142	-49.50	120.21	0.00165
-56.57	113.14	0.00194	-63.64	106.07	0.00227
-67.18	102.53	0.00246	-70.71	98.99	0.00266

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:54:09
 **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 **

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00280	-74.25	95.46	0.00291
-75.66	94.05	0.00303	-77.07	92.63	0.00316
-78.49	91.22	0.00329	-91.22	78.49	0.00311
-92.63	77.07	0.00292	-94.05	75.66	0.00273
-95.46	74.25	0.00256	-96.87	72.83	0.00240
-98.99	70.71	0.00219	-102.53	67.18	0.00189
-106.07	63.64	0.00164	-113.14	56.57	0.00126
-120.21	49.50	0.00098	-127.28	42.43	0.00078
-134.35	35.36	0.00062	-141.42	28.28	0.00051
-148.49	21.21	0.00042	-155.56	14.14	0.00035
-7.07	148.49	0.00076	-14.14	141.42	0.00085
-21.21	134.35	0.00096	-28.28	127.28	0.00110
-35.36	120.21	0.00126	-42.43	113.14	0.00146
-49.50	106.07	0.00169	-56.57	98.99	0.00195
-60.10	95.46	0.00210	-63.64	91.92	0.00228
-65.76	89.80	0.00240	-67.18	88.39	0.00248
-68.59	86.97	0.00256	-70.00	85.56	0.00265
-71.42	84.15	0.00274	-84.15	71.42	0.00266
-85.56	70.00	0.00253	-86.97	68.59	0.00241
-88.39	67.18	0.00229	-89.80	65.76	0.00217
-91.92	63.64	0.00201	-95.46	60.10	0.00177
-98.99	56.57	0.00156	-106.07	49.50	0.00122
-113.14	42.43	0.00097	-120.21	35.36	0.00078
-127.28	28.28	0.00063	-134.35	21.21	0.00052
-141.42	14.14	0.00043	-148.49	7.07	0.00036
0.00	141.42	0.00070	-7.07	134.35	0.00078
-14.14	127.28	0.00087	-21.21	120.21	0.00099
-28.28	113.14	0.00113	-35.36	106.07	0.00129
-42.43	98.99	0.00148	-49.50	91.92	0.00170
-53.03	88.39	0.00183	-56.57	84.85	0.00196
-58.69	82.73	0.00204	-60.10	81.32	0.00210
-61.52	79.90	0.00216	-62.93	78.49	0.00223
-64.35	77.07	0.00230	-77.07	64.35	0.00226
-78.49	62.93	0.00217	-79.90	61.52	0.00208
-81.32	60.10	0.00200	-82.73	58.69	0.00191
-84.85	56.57	0.00179	-88.39	53.03	0.00161
-91.92	49.50	0.00144	-98.99	42.43	0.00115
-106.07	35.36	0.00094	-113.14	28.28	0.00076
-120.21	21.21	0.00062	-127.28	14.14	0.00052
-134.35	7.07	0.00043	-141.42	0.00	0.00037

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00064	0.00	127.28	0.00071
-7.07	120.21	0.00080	-14.14	113.14	0.00090
-21.21	106.07	0.00101	-28.28	98.99	0.00115
-35.36	91.92	0.00131	-42.43	84.85	0.00150
-45.96	81.32	0.00159	-49.50	77.78	0.00168
-51.62	75.66	0.00174	-53.03	74.25	0.00179
-54.45	72.83	0.00184	-55.86	71.42	0.00189
-57.28	70.00	0.00194	-70.00	57.28	0.00192
-71.42	55.86	0.00186	-72.83	54.45	0.00179
-74.25	53.03	0.00173	-75.66	51.62	0.00167
-77.78	49.50	0.00158	-81.32	45.96	0.00144
-84.85	42.43	0.00131	-91.92	35.36	0.00108
-98.99	28.28	0.00089	-106.07	21.21	0.00073
-113.14	14.14	0.00061	-120.21	7.07	0.00051
-127.28	0.00	0.00043	-134.35	-7.07	0.00037
14.14	127.28	0.00059	7.07	120.21	0.00065
0.00	113.14	0.00073	-7.07	106.07	0.00081
-14.14	98.99	0.00091	-21.21	91.92	0.00103
-28.28	84.85	0.00117	-35.36	77.78	0.00131
-38.89	74.25	0.00137	-42.43	70.71	0.00145
-44.55	68.59	0.00150	-45.96	67.18	0.00154
-47.38	65.76	0.00158	-48.79	64.35	0.00162
-50.20	62.93	0.00166	-62.93	50.20	0.00164
-64.35	48.79	0.00159	-65.76	47.38	0.00155
-67.18	45.96	0.00150	-68.59	44.55	0.00145
-70.71	42.43	0.00138	-74.25	38.89	0.00127
-77.78	35.36	0.00117	-84.85	28.28	0.00099
-91.92	21.21	0.00083	-98.99	14.14	0.00070
-106.07	7.07	0.00059	-113.14	0.00	0.00050
-120.21	-7.07	0.00042	-127.28	-14.14	0.00036
21.21	120.21	0.00054	14.14	113.14	0.00060
7.07	106.07	0.00066	0.00	98.99	0.00074
-7.07	91.92	0.00083	-14.14	84.85	0.00094
-21.21	77.78	0.00104	-28.28	70.71	0.00114
-31.82	67.18	0.00119	-35.36	63.64	0.00126
-37.48	61.52	0.00130	-38.89	60.10	0.00133
-40.31	58.69	0.00136	-41.72	57.28	0.00139

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00142	-55.86	43.13	0.00141
-57.28	41.72	0.00137	-58.69	40.31	0.00134
-60.10	38.89	0.00131	-61.52	37.48	0.00127

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

19:54:09
 **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
-63.64	35.36	0.00122	-67.18	31.82	0.00113
-70.71	28.28	0.00105	-77.78	21.21	0.00090
-84.85	14.14	0.00077	-91.92	7.07	0.00066
-98.99	0.00	0.00056	-106.07	-7.07	0.00048
-113.14	-14.14	0.00041	-120.21	-21.21	0.00035
28.28	113.14	0.00050	21.21	106.07	0.00055
14.14	98.99	0.00061	7.07	91.92	0.00068
0.00	84.85	0.00076	-7.07	77.78	0.00085
-14.14	70.71	0.00093	-21.21	63.64	0.00100
-24.75	60.10	0.00105	-28.28	56.57	0.00110
-30.41	54.45	0.00114	-31.82	53.03	0.00116
-33.23	51.62	0.00119	-34.65	50.20	0.00121
-36.06	48.79	0.00123	-48.79	36.06	0.00122
-50.20	34.65	0.00119	-51.62	33.23	0.00117
-53.03	31.82	0.00114	-54.45	30.41	0.00112
-56.57	28.28	0.00107	-60.10	24.75	0.00100
-63.64	21.21	0.00094	-70.71	14.14	0.00082
-77.78	7.07	0.00072	-84.85	0.00	0.00062
-91.92	-7.07	0.00053	-98.99	-14.14	0.00046
-106.07	-21.21	0.00040	-113.14	-28.28	0.00035
35.36	106.07	0.00047	28.28	98.99	0.00051
21.21	91.92	0.00057	14.14	84.85	0.00063
7.07	77.78	0.00070	0.00	70.71	0.00076
-7.07	63.64	0.00082	-14.14	56.57	0.00089
-17.68	53.03	0.00092	-21.21	49.50	0.00097
-23.33	47.38	0.00100	-24.75	45.96	0.00102
-26.16	44.55	0.00104	-27.58	43.13	0.00106
-28.99	41.72	0.00107	-41.72	28.99	0.00106
-43.13	27.58	0.00104	-44.55	26.16	0.00103
-45.96	24.75	0.00101	-47.38	23.33	0.00098
-49.50	21.21	0.00095	-53.03	17.68	0.00089

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00084	-63.64	7.07	0.00074
-70.71	0.00	0.00066	-77.78	-7.07	0.00058
-84.85	-14.14	0.00050	-91.92	-21.21	0.00044
-98.99	-28.28	0.00038	-106.07	-35.36	0.00033
42.43	98.99	0.00043	35.36	91.92	0.00048
28.28	84.85	0.00053	21.21	77.78	0.00059
14.14	70.71	0.00064	7.07	63.64	0.00069
0.00	56.57	0.00073	-7.07	49.50	0.00079
-10.61	45.96	0.00082	-14.14	42.43	0.00086

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

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

19:54:09

**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	0.00089	-17.68	38.89	0.00090
-19.09	37.48	0.00092	-20.51	36.06	0.00093
-21.92	34.65	0.00094	-34.65	21.92	0.00093
-36.06	20.51	0.00092	-37.48	19.09	0.00091
-38.89	17.68	0.00089	-40.31	16.26	0.00087
-42.43	14.14	0.00085	-45.96	10.61	0.00080
-49.50	7.07	0.00076	-56.57	0.00	0.00067
-63.64	-7.07	0.00060	-70.71	-14.14	0.00054
-77.78	-21.21	0.00048	-84.85	-28.28	0.00042
-91.92	-35.36	0.00037	-98.99	-42.43	0.00032
49.50	91.92	0.00041	42.43	84.85	0.00045
35.36	77.78	0.00050	28.28	70.71	0.00054
21.21	63.64	0.00058	14.14	56.57	0.00062
7.07	49.50	0.00066	0.00	42.43	0.00071
-3.54	38.89	0.00074	-7.07	35.36	0.00077
-9.19	33.23	0.00079	-10.61	31.82	0.00080
-12.02	30.41	0.00081	-13.44	28.99	0.00083
-14.85	27.58	0.00083	-27.58	14.85	0.00083
-28.99	13.44	0.00082	-30.41	12.02	0.00080
-31.82	10.61	0.00079	-33.23	9.19	0.00078
-35.36	7.07	0.00076	-38.89	3.54	0.00072
-42.43	0.00	0.00068	-49.50	-7.07	0.00061
-56.57	-14.14	0.00055	-63.64	-21.21	0.00050
-70.71	-28.28	0.00045	-77.78	-35.36	0.00040
-84.85	-42.43	0.00035	-91.92	-49.50	0.00031

13NCRA_SR03-300_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	0.00050
28.28	56.57	0.00053	21.21	49.50	0.00056
14.14	42.43	0.00059	7.07	35.36	0.00064
3.54	31.82	0.00066	0.00	28.28	0.00069
-2.12	26.16	0.00071	-3.54	24.75	0.00072
-4.95	23.33	0.00073	-6.36	21.92	0.00074
-7.78	20.51	0.00074	-20.51	7.78	0.00074
-21.92	6.36	0.00073	-23.33	4.95	0.00072
-24.75	3.54	0.00071	-26.16	2.12	0.00070
-28.28	0.00	0.00068	-31.82	-3.54	0.00065
-35.36	-7.07	0.00062	-42.43	-14.14	0.00056
-49.50	-21.21	0.00051	-56.57	-28.28	0.00046
-63.64	-35.36	0.00042	-70.71	-42.43	0.00038
-77.78	-49.50	0.00034	-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 ***

19:54:09
 **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	0.00043	42.43	56.57	0.00046
35.36	49.50	0.00049	28.28	42.43	0.00051
21.21	35.36	0.00054	14.14	28.28	0.00058
10.61	24.75	0.00060	7.07	21.21	0.00063
4.95	19.09	0.00064	3.54	17.68	0.00065
2.12	16.26	0.00065	0.71	14.85	0.00066
-0.71	13.44	0.00067	-13.44	0.71	0.00066
-14.85	-0.71	0.00065	-16.26	-2.12	0.00065
-17.68	-3.54	0.00064	-19.09	-4.95	0.00063
-21.21	-7.07	0.00062	-24.75	-10.61	0.00059
-28.28	-14.14	0.00057	-35.36	-21.21	0.00051
-42.43	-28.28	0.00047	-49.50	-35.36	0.00043
-56.57	-42.43	0.00039	-63.64	-49.50	0.00036
-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	0.00040	49.50	49.50	0.00042
42.43	42.43	0.00044	35.36	35.36	0.00047
28.28	28.28	0.00049	21.21	21.21	0.00053

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00055	14.14	14.14	0.00057
12.02	12.02	0.00058	10.61	10.61	0.00059
9.19	9.19	0.00059	7.78	7.78	0.00060
6.36	6.36	0.00060	-6.36	-6.36	0.00059
-7.78	-7.78	0.00059	-9.19	-9.19	0.00058
-10.61	-10.61	0.00058	-12.02	-12.02	0.00057
-14.14	-14.14	0.00056	-17.68	-17.68	0.00054
-21.21	-21.21	0.00052	-28.28	-28.28	0.00047
-35.36	-35.36	0.00043	-42.43	-42.43	0.00040
-49.50	-49.50	0.00037	-56.57	-56.57	0.00034
-63.64	-63.64	0.00031	-70.71	-70.71	0.00028
77.78	63.64	0.00033	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	0.00043
35.36	21.21	0.00045	28.28	14.14	0.00048
24.75	10.61	0.00050	21.21	7.07	0.00052
19.09	4.95	0.00053	17.68	3.54	0.00053
16.26	2.12	0.00054	14.85	0.71	0.00054
13.44	-0.71	0.00054	0.71	-13.44	0.00054
-0.71	-14.85	0.00054	-2.12	-16.26	0.00053
-3.54	-17.68	0.00053	-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 ***

19:54:09

**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	0.00051	-10.61	-24.75	0.00049
-14.14	-28.28	0.00047	-21.21	-35.36	0.00044
-28.28	-42.43	0.00040	-35.36	-49.50	0.00037
-42.43	-56.57	0.00034	-49.50	-63.64	0.00032
-56.57	-70.71	0.00029	-63.64	-77.78	0.00027
84.85	56.57	0.00031	77.78	49.50	0.00033
70.71	42.43	0.00035	63.64	35.36	0.00036
56.57	28.28	0.00038	49.50	21.21	0.00039
42.43	14.14	0.00042	35.36	7.07	0.00044
31.82	3.54	0.00046	28.28	0.00	0.00047
26.16	-2.12	0.00048	24.75	-3.54	0.00049
23.33	-4.95	0.00049	21.92	-6.36	0.00049
20.51	-7.78	0.00050	7.78	-20.51	0.00049

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00049	4.95	-23.33	0.00048
3.54	-24.75	0.00048	2.12	-26.16	0.00047
0.00	-28.28	0.00047	-3.54	-31.82	0.00045
-7.07	-35.36	0.00044	-14.14	-42.43	0.00040
-21.21	-49.50	0.00037	-28.28	-56.57	0.00034
-35.36	-63.64	0.00032	-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	0.00031
77.78	35.36	0.00032	70.71	28.28	0.00033
63.64	21.21	0.00035	56.57	14.14	0.00036
49.50	7.07	0.00039	42.43	0.00	0.00041
38.89	-3.54	0.00042	35.36	-7.07	0.00044
33.23	-9.19	0.00044	31.82	-10.61	0.00045
30.41	-12.02	0.00045	28.99	-13.44	0.00045
27.58	-14.85	0.00045	14.85	-27.58	0.00045
13.44	-28.99	0.00045	12.02	-30.41	0.00044
10.61	-31.82	0.00044	9.19	-33.23	0.00044
7.07	-35.36	0.00043	3.54	-38.89	0.00042
0.00	-42.43	0.00040	-7.07	-49.50	0.00038
-14.14	-56.57	0.00035	-21.21	-63.64	0.00032
-28.28	-70.71	0.00030	-35.36	-77.78	0.00028
-42.43	-84.85	0.00026	-49.50	-91.92	0.00024
98.99	42.43	0.00028	91.92	35.36	0.00029
84.85	28.28	0.00030	77.78	21.21	0.00031
70.71	14.14	0.00032	63.64	7.07	0.00034
56.57	0.00	0.00036	49.50	-7.07	0.00038
45.96	-10.61	0.00039	42.43	-14.14	0.00040

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

19:54:09
 **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	0.00041	38.89	-17.68	0.00041
37.48	-19.09	0.00041	36.06	-20.51	0.00041
34.65	-21.92	0.00042	21.92	-34.65	0.00041
20.51	-36.06	0.00041	19.09	-37.48	0.00041
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	0.00037	0.00	-56.57	0.00035

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00033	-14.14	-70.71	0.00030
-21.21	-77.78	0.00028	-28.28	-84.85	0.00026
-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	0.00031
63.64	-7.07	0.00033	56.57	-14.14	0.00035
53.03	-17.68	0.00036	49.50	-21.21	0.00037
47.38	-23.33	0.00038	45.96	-24.75	0.00038
44.55	-26.16	0.00038	43.13	-27.58	0.00038
41.72	-28.99	0.00038	28.99	-41.72	0.00038
27.58	-43.13	0.00038	26.16	-44.55	0.00038
24.75	-45.96	0.00037	23.33	-47.38	0.00037
21.21	-49.50	0.00037	17.68	-53.03	0.00036
14.14	-56.57	0.00035	7.07	-63.64	0.00033
0.00	-70.71	0.00030	-7.07	-77.78	0.00028
-14.14	-84.85	0.00027	-21.21	-91.92	0.00025
-28.28	-98.99	0.00023	-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	0.00029
70.71	-14.14	0.00031	63.64	-21.21	0.00033
60.10	-24.75	0.00034	56.57	-28.28	0.00034
54.45	-30.41	0.00035	53.03	-31.82	0.00035
51.62	-33.23	0.00035	50.20	-34.65	0.00035
48.79	-36.06	0.00035	36.06	-48.79	0.00035
34.65	-50.20	0.00035	33.23	-51.62	0.00035
31.82	-53.03	0.00035	30.41	-54.45	0.00034
28.28	-56.57	0.00034	24.75	-60.10	0.00033
21.21	-63.64	0.00032	14.14	-70.71	0.00030
7.07	-77.78	0.00029	0.00	-84.85	0.00027
-7.07	-91.92	0.00025	-14.14	-98.99	0.00023
-21.21	-106.07	0.00022	-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 ***

19:54:09
 **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

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00025	98.99	0.00	0.00025
91.92	-7.07	0.00026	84.85	-14.14	0.00028
77.78	-21.21	0.00029	70.71	-28.28	0.00031
67.18	-31.82	0.00031	63.64	-35.36	0.00032
61.52	-37.48	0.00032	60.10	-38.89	0.00033
58.69	-40.31	0.00033	57.28	-41.72	0.00033
55.86	-43.13	0.00033	43.13	-55.86	0.00033
41.72	-57.28	0.00033	40.31	-58.69	0.00032
38.89	-60.10	0.00032	37.48	-61.52	0.00032
35.36	-63.64	0.00032	31.82	-67.18	0.00031
28.28	-70.71	0.00030	21.21	-77.78	0.00029
14.14	-84.85	0.00027	7.07	-91.92	0.00025
0.00	-98.99	0.00024	-7.07	-106.07	0.00022
-14.14	-113.14	0.00021	-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	0.00024
98.99	-14.14	0.00025	91.92	-21.21	0.00026
84.85	-28.28	0.00027	77.78	-35.36	0.00029
74.25	-38.89	0.00029	70.71	-42.43	0.00030
68.59	-44.55	0.00030	67.18	-45.96	0.00030
65.76	-47.38	0.00030	64.35	-48.79	0.00031
62.93	-50.20	0.00031	50.20	-62.93	0.00030
48.79	-64.35	0.00030	47.38	-65.76	0.00030
45.96	-67.18	0.00030	44.55	-68.59	0.00030
42.43	-70.71	0.00029	38.89	-74.25	0.00029
35.36	-77.78	0.00028	28.28	-84.85	0.00027
21.21	-91.92	0.00025	14.14	-98.99	0.00024
7.07	-106.07	0.00022	0.00	-113.14	0.00021
-7.07	-120.21	0.00020	-14.14	-127.28	0.00019
134.35	7.07	0.00020	127.28	0.00	0.00021
120.21	-7.07	0.00022	113.14	-14.14	0.00022
106.07	-21.21	0.00023	98.99	-28.28	0.00024
91.92	-35.36	0.00026	84.85	-42.43	0.00027
81.32	-45.96	0.00027	77.78	-49.50	0.00028
75.66	-51.62	0.00028	74.25	-53.03	0.00028
72.83	-54.45	0.00028	71.42	-55.86	0.00029
70.00	-57.28	0.00029	57.28	-70.00	0.00028
55.86	-71.42	0.00028	54.45	-72.83	0.00028
53.03	-74.25	0.00028	51.62	-75.66	0.00028

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**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	0.00028	45.96	-81.32	0.00027
42.43	-84.85	0.00026	35.36	-91.92	0.00025
28.28	-98.99	0.00024	21.21	-106.07	0.00022
14.14	-113.14	0.00021	7.07	-120.21	0.00020
0.00	-127.28	0.00019	-7.07	-134.35	0.00018
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	0.00022	106.07	-35.36	0.00023
98.99	-42.43	0.00024	91.92	-49.50	0.00025
88.39	-53.03	0.00026	84.85	-56.57	0.00026
82.73	-58.69	0.00026	81.32	-60.10	0.00026
79.90	-61.52	0.00027	78.49	-62.93	0.00027
77.07	-64.35	0.00027	64.35	-77.07	0.00027
62.93	-78.49	0.00026	61.52	-79.90	0.00026
60.10	-81.32	0.00026	58.69	-82.73	0.00026
56.57	-84.85	0.00026	53.03	-88.39	0.00025
49.50	-91.92	0.00025	42.43	-98.99	0.00024
35.36	-106.07	0.00023	28.28	-113.14	0.00021
21.21	-120.21	0.00020	14.14	-127.28	0.00019
7.07	-134.35	0.00018	0.00	-141.42	0.00017
148.49	-7.07	0.00018	141.42	-14.14	0.00019
134.35	-21.21	0.00019	127.28	-28.28	0.00020
120.21	-35.36	0.00021	113.14	-42.43	0.00022
106.07	-49.50	0.00023	98.99	-56.57	0.00024
95.46	-60.10	0.00024	91.92	-63.64	0.00025
89.80	-65.76	0.00025	88.39	-67.18	0.00025
86.97	-68.59	0.00025	85.56	-70.00	0.00025
84.15	-71.42	0.00025	71.42	-84.15	0.00025
70.00	-85.56	0.00025	68.59	-86.97	0.00025
67.18	-88.39	0.00025	65.76	-89.80	0.00024
63.64	-91.92	0.00024	60.10	-95.46	0.00024
56.57	-98.99	0.00023	49.50	-106.07	0.00022
42.43	-113.14	0.00021	35.36	-120.21	0.00020
28.28	-127.28	0.00019	21.21	-134.35	0.00018
14.14	-141.42	0.00017	7.07	-148.49	0.00016
155.56	-14.14	0.00017	148.49	-21.21	0.00018
141.42	-28.28	0.00018	134.35	-35.36	0.00019
127.28	-42.43	0.00020	120.21	-49.50	0.00021
113.14	-56.57	0.00022	106.07	-63.64	0.00022

102.53 -67.18 0.00023 98.99 -70.71 0.00023

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

19:54:09
 **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	0.00023	95.46	-74.25	0.00023
94.05	-75.66	0.00023	92.63	-77.07	0.00024
91.22	-78.49	0.00024	78.49	-91.22	0.00023
77.07	-92.63	0.00023	75.66	-94.05	0.00023
74.25	-95.46	0.00023	72.83	-96.87	0.00023
70.71	-98.99	0.00023	67.18	-102.53	0.00022
63.64	-106.07	0.00022	56.57	-113.14	0.00021
49.50	-120.21	0.00020	42.43	-127.28	0.00019
35.36	-134.35	0.00018	28.28	-141.42	0.00017
21.21	-148.49	0.00016	14.14	-155.56	0.00016
162.63	-21.21	0.00016	155.56	-28.28	0.00017
148.49	-35.36	0.00017	141.42	-42.43	0.00018
134.35	-49.50	0.00019	127.28	-56.57	0.00020
120.21	-63.64	0.00020	113.14	-70.71	0.00021
109.60	-74.25	0.00022	106.07	-77.78	0.00022
103.94	-79.90	0.00022	102.53	-81.32	0.00022
101.12	-82.73	0.00022	99.70	-84.15	0.00022
98.29	-85.56	0.00022	85.56	-98.29	0.00022
84.15	-99.70	0.00022	82.73	-101.12	0.00022
81.32	-102.53	0.00022	79.90	-103.94	0.00022
77.78	-106.07	0.00022	74.25	-109.60	0.00021
70.71	-113.14	0.00021	63.64	-120.21	0.00020
56.57	-127.28	0.00019	49.50	-134.35	0.00018
42.43	-141.42	0.00017	35.36	-148.49	0.00016
28.28	-155.56	0.00016	21.21	-162.63	0.00015
169.71	-28.28	0.00016	162.63	-35.36	0.00016
155.56	-42.43	0.00016	148.49	-49.50	0.00017
141.42	-56.57	0.00018	134.35	-63.64	0.00019
127.28	-70.71	0.00019	120.21	-77.78	0.00020
116.67	-81.32	0.00020	113.14	-84.85	0.00021
111.02	-86.97	0.00021	109.60	-88.39	0.00021
108.19	-89.80	0.00021	106.77	-91.22	0.00021
105.36	-92.63	0.00021	92.63	-105.36	0.00021

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00017	70.71	-155.56	0.00016
63.64	-162.63	0.00015	56.57	-169.71	0.00014
49.50	-176.78	0.00014	42.43	-183.85	0.00013
190.92	-49.50	0.00014	183.85	-56.57	0.00014
176.78	-63.64	0.00014	169.71	-70.71	0.00015
162.63	-77.78	0.00015	155.56	-84.85	0.00016
148.49	-91.92	0.00017	141.42	-98.99	0.00017
137.89	-102.53	0.00017	134.35	-106.07	0.00018
132.23	-108.19	0.00018	130.81	-109.60	0.00018
129.40	-111.02	0.00018	127.99	-112.43	0.00018
126.57	-113.84	0.00018	113.84	-126.57	0.00018
112.43	-127.99	0.00018	111.02	-129.40	0.00018
109.60	-130.81	0.00018	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 ***

19:54:09
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

19:54:09
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00015	159.10	-137.89	0.00015
157.68	-139.30	0.00015	156.27	-140.71	0.00015
154.86	-142.13	0.00015	142.13	-154.86	0.00015
140.71	-156.27	0.00015	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	0.00013	106.07	-190.92	0.00013
98.99	-197.99	0.00012	91.92	-205.06	0.00012
84.85	-212.13	0.00011	77.78	-219.20	0.00011
226.27	-84.85	0.00011	219.20	-91.92	0.00011
212.13	-98.99	0.00012	205.06	-106.07	0.00012
197.99	-113.14	0.00012	190.92	-120.21	0.00013
183.85	-127.28	0.00013	176.78	-134.35	0.00014
173.24	-137.89	0.00014	169.71	-141.42	0.00014
167.58	-143.54	0.00014	166.17	-144.96	0.00014
164.76	-146.37	0.00014	163.34	-147.79	0.00014
161.93	-149.20	0.00014	149.20	-161.93	0.00014
147.79	-163.34	0.00014	146.37	-164.76	0.00014
144.96	-166.17	0.00014	143.54	-167.58	0.00014
141.42	-169.71	0.00014	137.89	-173.24	0.00014
134.35	-176.78	0.00013	127.28	-183.85	0.00013
120.21	-190.92	0.00013	113.14	-197.99	0.00012
106.07	-205.06	0.00012	98.99	-212.13	0.00011
91.92	-219.20	0.00011	84.85	-226.27	0.00010

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

19:54:09
 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00011	226.27	-98.99	0.00011
219.20	-106.07	0.00011	212.13	-113.14	0.00012
205.06	-120.21	0.00012	197.99	-127.28	0.00012
190.92	-134.35	0.00013	183.85	-141.42	0.00013
180.31	-144.96	0.00013	176.78	-148.49	0.00013
174.66	-150.61	0.00013	173.24	-152.03	0.00013
171.83	-153.44	0.00013	170.41	-154.86	0.00013
169.00	-156.27	0.00013	156.27	-169.00	0.00013
154.86	-170.41	0.00013	153.44	-171.83	0.00013

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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

19:54:09

**MODELOPTs:

PAGE 122

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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	0.00011	134.35	-219.20	0.00011

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00011	120.21	-233.35	0.00010
113.14	-240.42	0.00010	106.07	-247.49	0.00009

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

19:54:09
 **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	0.00299	-113.14	240.42	0.00327
-120.21	233.35	0.00359	-127.28	226.27	0.00395
-134.35	219.20	0.00436	-141.42	212.13	0.00483
-148.49	205.06	0.00534	-155.56	197.99	0.00580
-159.10	194.45	0.00595	-162.63	190.92	0.00597
-164.76	188.80	0.00591	-166.17	187.38	0.00583
-167.58	185.97	0.00571	-169.00	184.55	0.00556
-170.41	183.14	0.00538	-183.14	170.41	0.00251
-184.55	169.00	0.00231	-185.97	167.58	0.00215
-187.38	166.17	0.00202	-188.80	164.76	0.00190
-190.92	162.63	0.00175	-194.45	159.10	0.00154
-197.99	155.56	0.00138	-205.06	148.49	0.00113
-212.13	141.42	0.00096	-219.20	134.35	0.00083
-226.27	127.28	0.00073	-233.35	120.21	0.00064
-240.42	113.14	0.00058	-247.49	106.07	0.00052
-98.99	240.42	0.00313	-106.07	233.35	0.00344
-113.14	226.27	0.00379	-120.21	219.20	0.00421
-127.28	212.13	0.00469	-134.35	205.06	0.00526
-141.42	197.99	0.00592	-148.49	190.92	0.00663
-152.03	187.38	0.00698	-155.56	183.85	0.00724
-157.68	181.73	0.00733	-159.10	180.31	0.00732
-160.51	178.90	0.00726	-161.93	177.48	0.00713
-163.34	176.07	0.00692	-176.07	163.34	0.00276
-177.48	161.93	0.00253	-178.90	160.51	0.00233
-180.31	159.10	0.00218	-181.73	157.68	0.00204
-183.85	155.56	0.00187	-187.38	152.03	0.00164
-190.92	148.49	0.00146	-197.99	141.42	0.00120
-205.06	134.35	0.00102	-212.13	127.28	0.00088
-219.20	120.21	0.00077	-226.27	113.14	0.00068
-233.35	106.07	0.00060	-240.42	98.99	0.00054
-91.92	233.35	0.00327	-98.99	226.27	0.00361
-106.07	219.20	0.00400	-113.14	212.13	0.00446

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00502	-127.28	197.99	0.00568
-134.35	190.92	0.00648	-141.42	183.85	0.00741
-144.96	180.31	0.00793	-148.49	176.78	0.00844
-150.61	174.66	0.00872	-152.03	173.24	0.00888
-153.44	171.83	0.00903	-154.86	170.41	0.00913
-156.27	169.00	0.00914	-169.00	156.27	0.00299
-170.41	154.86	0.00272	-171.83	153.44	0.00250
-173.24	152.03	0.00232	-174.66	150.61	0.00217

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

19:54:09
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00199	-180.31	144.96	0.00175
-183.85	141.42	0.00156	-190.92	134.35	0.00128
-197.99	127.28	0.00108	-205.06	120.21	0.00092
-212.13	113.14	0.00080	-219.20	106.07	0.00071
-226.27	99.00	0.00063	-233.35	91.92	0.00056
-84.85	226.27	0.00341	-91.92	219.20	0.00377
-98.99	212.13	0.00420	-106.07	205.06	0.00471
-113.14	197.99	0.00533	-120.21	190.92	0.00609
-127.28	183.85	0.00701	-134.35	176.78	0.00814
-137.89	173.24	0.00879	-141.42	169.71	0.00948
-143.54	167.58	0.00989	-144.96	166.17	0.01015
-146.37	164.76	0.01041	-147.79	163.34	0.01071
-149.20	161.93	0.01102	-161.93	149.20	0.00328
-163.34	147.79	0.00295	-164.76	146.37	0.00270
-166.17	144.96	0.00250	-167.58	143.54	0.00233
-169.71	141.42	0.00213	-173.24	137.89	0.00186
-176.78	134.35	0.00166	-183.85	127.28	0.00135
-190.92	120.21	0.00114	-197.99	113.14	0.00097
-205.06	106.07	0.00084	-212.13	99.00	0.00074
-219.20	91.92	0.00065	-226.27	84.85	0.00058
-77.78	219.20	0.00354	-84.85	212.13	0.00393
-91.92	205.06	0.00439	-98.99	197.99	0.00495
-106.07	190.92	0.00562	-113.14	183.85	0.00644
-120.21	176.78	0.00745	-127.28	169.71	0.00869
-130.81	166.17	0.00940	-134.35	162.63	0.01017
-136.47	160.51	0.01062	-137.89	159.10	0.01092

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.01121	-140.71	156.27	0.01152
-142.13	154.86	0.01189	-154.86	142.13	0.00383
-156.27	140.71	0.00339	-157.68	139.30	0.00307
-159.10	137.89	0.00281	-160.51	136.47	0.00260
-162.63	134.35	0.00235	-166.17	130.81	0.00203
-169.71	127.28	0.00179	-176.78	120.21	0.00145
-183.85	113.14	0.00121	-190.92	106.07	0.00103
-197.99	99.00	0.00088	-205.06	91.92	0.00077
-212.13	84.85	0.00068	-219.20	77.78	0.00060
-70.71	212.13	0.00366	-77.78	205.06	0.00407
-84.85	197.99	0.00456	-91.92	190.92	0.00514
-98.99	183.85	0.00585	-106.07	176.78	0.00672
-113.14	169.71	0.00780	-120.21	162.63	0.00912
-123.74	159.10	0.00986	-127.28	155.56	0.01066

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

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

19:54:09

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.01115	-130.81	152.03	0.01148
-132.23	150.61	0.01181	-133.64	149.20	0.01215
-135.06	147.79	0.01256	-147.79	135.06	0.00442
-149.20	133.64	0.00391	-150.61	132.23	0.00352
-152.03	130.81	0.00321	-153.44	129.40	0.00295
-155.56	127.28	0.00265	-159.10	123.74	0.00226
-162.63	120.21	0.00198	-169.71	113.14	0.00158
-176.78	106.07	0.00130	-183.85	98.99	0.00109
-190.92	91.92	0.00093	-197.99	84.85	0.00081
-205.06	77.78	0.00071	-212.13	70.71	0.00063
-63.64	205.06	0.00376	-70.71	197.99	0.00419
-77.78	190.92	0.00469	-84.85	183.85	0.00531
-91.92	176.78	0.00605	-98.99	169.71	0.00697
-106.07	162.63	0.00809	-113.14	155.56	0.00945
-116.67	152.03	0.01023	-120.21	148.49	0.01107
-122.33	146.37	0.01160	-123.74	144.96	0.01196
-125.16	143.54	0.01232	-126.57	142.13	0.01268
-127.99	140.71	0.01310	-140.71	127.99	0.00493
-142.13	126.57	0.00438	-143.54	125.16	0.00395
-144.96	123.74	0.00361	-146.37	122.33	0.00332

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00296	-152.03	116.67	0.00252
-155.56	113.14	0.00219	-162.63	106.07	0.00172
-169.71	98.99	0.00140	-176.78	91.92	0.00117
-183.85	84.85	0.00099	-190.92	77.78	0.00086
-197.99	70.71	0.00075	-205.06	63.64	0.00066
-56.57	197.99	0.00385	-63.64	190.92	0.00429
-70.71	183.85	0.00482	-77.78	176.78	0.00545
-84.85	169.71	0.00623	-91.92	162.63	0.00718
-98.99	155.56	0.00833	-106.07	148.49	0.00974
-109.60	144.96	0.01056	-113.14	141.42	0.01144
-115.26	139.30	0.01199	-116.67	137.89	0.01236
-118.09	136.47	0.01273	-119.50	135.06	0.01311
-120.92	133.64	0.01353	-133.64	120.92	0.00537
-135.06	119.50	0.00479	-136.47	118.09	0.00434
-137.89	116.67	0.00396	-139.30	115.26	0.00365
-141.42	113.14	0.00327	-144.96	109.60	0.00277
-148.49	106.07	0.00240	-155.56	98.99	0.00187
-162.63	91.92	0.00152	-169.71	84.85	0.00126
-176.78	77.78	0.00106	-183.85	70.71	0.00091
-190.92	63.64	0.00079	-197.99	56.57	0.00069

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

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

19:54:09

**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
-49.50	190.92	0.00393	-56.57	183.85	0.00438
-63.64	176.78	0.00493	-70.71	169.71	0.00559
-77.78	162.63	0.00638	-84.85	155.56	0.00735
-91.92	148.49	0.00853	-98.99	141.42	0.01000
-102.53	137.89	0.01085	-106.07	134.35	0.01176
-108.19	132.23	0.01232	-109.60	130.81	0.01269
-111.02	129.40	0.01307	-112.43	127.99	0.01346
-113.84	126.57	0.01389	-126.57	113.84	0.00574
-127.99	112.43	0.00514	-129.40	111.02	0.00467
-130.81	109.60	0.00428	-132.23	108.19	0.00395
-134.35	106.07	0.00354	-137.89	102.53	0.00301
-141.42	98.99	0.00260	-148.49	91.92	0.00202
-155.56	84.85	0.00163	-162.63	77.78	0.00134
-169.71	70.71	0.00113	-176.78	63.64	0.00096

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00083	-190.92	49.50	0.00072
-42.43	183.85	0.00400	-49.50	176.78	0.00447
-56.57	169.71	0.00503	-63.64	162.63	0.00570
-70.71	155.56	0.00651	-77.78	148.49	0.00749
-84.85	141.42	0.00871	-91.92	134.35	0.01022
-95.46	130.81	0.01109	-98.99	127.28	0.01202
-101.12	125.16	0.01259	-102.53	123.74	0.01297
-103.94	122.33	0.01336	-105.36	120.92	0.01376
-106.77	119.50	0.01420	-119.50	106.77	0.00605
-120.92	105.36	0.00543	-122.33	103.94	0.00494
-123.74	102.53	0.00454	-125.16	101.12	0.00420
-127.28	98.99	0.00378	-130.81	95.46	0.00322
-134.35	91.92	0.00279	-141.42	84.85	0.00216
-148.49	77.78	0.00174	-155.56	70.71	0.00143
-162.63	63.64	0.00120	-169.71	56.57	0.00102
-176.78	49.50	0.00087	-183.85	42.43	0.00076
-35.36	176.78	0.00406	-42.43	169.71	0.00454
-49.50	162.63	0.00511	-56.57	155.56	0.00579
-63.64	148.49	0.00661	-70.71	141.42	0.00762
-77.78	134.35	0.00887	-84.85	127.28	0.01040
-88.39	123.74	0.01130	-91.92	120.21	0.01224
-94.05	118.09	0.01282	-95.46	116.67	0.01321
-96.87	115.26	0.01361	-98.29	113.84	0.01401
-99.70	112.43	0.01445	-112.43	99.70	0.00631
-113.84	98.29	0.00568	-115.26	96.87	0.00518
-116.67	95.46	0.00477	-118.09	94.05	0.00442

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

19:54:09
 **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	0.00398	-123.74	88.39	0.00341
-127.28	84.85	0.00296	-134.35	77.78	0.00230
-141.42	70.71	0.00184	-148.49	63.64	0.00151
-155.56	56.57	0.00126	-162.63	49.50	0.00107
-169.71	42.43	0.00092	-176.78	35.36	0.00080
-28.28	169.71	0.00412	-35.36	162.63	0.00461
-42.43	155.56	0.00518	-49.50	148.49	0.00587
-56.57	141.42	0.00671	-63.64	134.35	0.00774

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00901	-77.78	120.21	0.01056
-81.32	116.67	0.01146	-84.85	113.14	0.01241
-86.97	111.02	0.01300	-88.39	109.60	0.01340
-89.80	108.19	0.01382	-91.22	106.77	0.01425
-92.63	105.36	0.01471	-105.36	92.63	0.00653
-106.77	91.22	0.00589	-108.19	89.80	0.00538
-109.60	88.39	0.00496	-111.02	86.97	0.00461
-113.14	84.85	0.00416	-116.67	81.32	0.00356
-120.21	77.78	0.00310	-127.28	70.71	0.00242
-134.35	63.64	0.00194	-141.42	56.57	0.00159
-148.49	49.50	0.00133	-155.56	42.43	0.00112
-162.63	35.36	0.00096	-169.71	28.28	0.00083
-21.21	162.63	0.00417	-28.28	155.56	0.00466
-35.36	148.49	0.00524	-42.43	141.42	0.00594
-49.50	134.35	0.00680	-56.57	127.28	0.00784
-63.64	120.21	0.00913	-70.71	113.14	0.01070
-74.25	109.60	0.01160	-77.78	106.07	0.01256
-79.90	103.94	0.01315	-81.32	102.53	0.01355
-82.73	101.12	0.01396	-84.15	99.70	0.01443
-85.56	98.29	0.01493	-98.29	85.56	0.00671
-99.70	84.15	0.00607	-101.12	82.73	0.00555
-102.53	81.32	0.00513	-103.94	79.90	0.00477
-106.07	77.78	0.00431	-109.60	74.25	0.00370
-113.14	70.71	0.00323	-120.21	63.64	0.00253
-127.28	56.57	0.00203	-134.35	49.50	0.00166
-141.42	42.43	0.00139	-148.49	35.36	0.00117
-155.56	28.28	0.00100	-162.63	21.21	0.00087
-14.14	155.56	0.00421	-21.21	148.49	0.00470
-28.28	141.42	0.00529	-35.36	134.35	0.00601
-42.43	127.28	0.00687	-49.50	120.21	0.00794
-56.57	113.14	0.00924	-63.64	106.07	0.01081
-67.18	102.53	0.01172	-70.71	98.99	0.01269

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

19:54:09
 **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	0.01329	-74.25	95.46	0.01370
-75.66	94.05	0.01410	-77.07	92.63	0.01455

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01506	-91.22	78.49	0.00684
-92.63	77.07	0.00621	-94.05	75.66	0.00570
-95.46	74.25	0.00527	-96.87	72.83	0.00491
-98.99	70.71	0.00444	-102.53	67.18	0.00383
-106.07	63.64	0.00334	-113.14	56.57	0.00263
-120.21	49.50	0.00212	-127.28	42.43	0.00173
-134.35	35.36	0.00144	-141.42	28.28	0.00122
-148.49	21.21	0.00104	-155.56	14.14	0.00090
-7.07	148.49	0.00424	-14.14	141.42	0.00474
-21.21	134.35	0.00534	-28.28	127.28	0.00606
-35.36	120.21	0.00694	-42.43	113.14	0.00802
-49.50	106.07	0.00932	-56.57	98.99	0.01091
-60.10	95.46	0.01181	-63.64	91.92	0.01279
-65.76	89.80	0.01341	-67.18	88.39	0.01382
-68.59	86.97	0.01423	-70.00	85.56	0.01466
-71.42	84.15	0.01516	-84.15	71.42	0.00696
-85.56	70.00	0.00633	-86.97	68.59	0.00582
-88.39	67.18	0.00539	-89.80	65.76	0.00502
-91.92	63.64	0.00455	-95.46	60.10	0.00393
-98.99	56.57	0.00344	-106.07	49.50	0.00272
-113.14	42.43	0.00219	-120.21	35.36	0.00180
-127.28	28.28	0.00150	-134.35	21.21	0.00127
-141.42	14.14	0.00108	-148.49	7.07	0.00093
0.00	141.42	0.00426	-7.07	134.35	0.00477
-14.14	127.28	0.00538	-21.21	120.21	0.00611
-28.28	113.14	0.00700	-35.36	106.07	0.00808
-42.43	98.99	0.00940	-49.50	91.92	0.01100
-53.03	88.39	0.01191	-56.57	84.85	0.01288
-58.69	82.73	0.01350	-60.10	81.32	0.01391
-61.52	79.90	0.01433	-62.93	78.49	0.01476
-64.35	77.07	0.01525	-77.07	64.35	0.00707
-78.49	62.93	0.00643	-79.90	61.52	0.00592
-81.32	60.10	0.00549	-82.73	58.69	0.00512
-84.85	56.57	0.00465	-88.39	53.03	0.00402
-91.92	49.50	0.00353	-98.99	42.43	0.00279
-106.07	35.36	0.00226	-113.14	28.28	0.00186
-120.21	21.21	0.00155	-127.28	14.14	0.00131
-134.35	7.07	0.00112	-141.42	0.00	0.00096

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

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

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00428	0.00	127.28	0.00480
-7.07	120.21	0.00541	-14.14	113.14	0.00615
-21.21	106.07	0.00705	-28.28	98.99	0.00814
-35.36	91.92	0.00946	-42.43	84.85	0.01106
-45.96	81.32	0.01198	-49.50	77.78	0.01297
-51.62	75.66	0.01357	-53.03	74.25	0.01399
-54.45	72.83	0.01441	-55.86	71.42	0.01485
-57.28	70.00	0.01533	-70.00	57.28	0.00717
-71.42	55.86	0.00652	-72.83	54.45	0.00601
-74.25	53.03	0.00558	-75.66	51.62	0.00521
-77.78	49.50	0.00473	-81.32	45.96	0.00410
-84.85	42.43	0.00361	-91.92	35.36	0.00286
-98.99	28.28	0.00232	-106.07	21.21	0.00191
-113.14	14.14	0.00160	-120.21	7.07	0.00135
-127.28	0.00	0.00115	-134.35	-7.07	0.00099
14.14	127.28	0.00430	7.07	120.21	0.00482
0.00	113.14	0.00544	-7.07	106.07	0.00619
-14.14	98.99	0.00709	-21.21	91.92	0.00818
-28.28	84.85	0.00951	-35.36	77.78	0.01112
-38.89	74.25	0.01204	-42.43	70.71	0.01303
-44.55	68.59	0.01365	-45.96	67.18	0.01406
-47.38	65.76	0.01449	-48.79	64.35	0.01492
-50.20	62.93	0.01539	-62.93	50.20	0.00725
-64.35	48.79	0.00660	-65.76	47.38	0.00609
-67.18	45.96	0.00565	-68.59	44.55	0.00528
-70.71	42.43	0.00481	-74.25	38.89	0.00417
-77.78	35.36	0.00367	-84.85	28.28	0.00292
-91.92	21.21	0.00237	-98.99	14.14	0.00196
-106.07	7.07	0.00164	-113.14	0.00	0.00139
-120.21	-7.07	0.00119	-127.28	-14.14	0.00102
21.21	120.21	0.00431	14.14	113.14	0.00484
7.07	106.07	0.00547	0.00	98.99	0.00622
-7.07	91.92	0.00712	-14.14	84.85	0.00822
-21.21	77.78	0.00955	-28.28	70.71	0.01117
-31.82	67.18	0.01210	-35.36	63.64	0.01309
-37.48	61.52	0.01371	-38.89	60.10	0.01413
-40.31	58.69	0.01455	-41.72	57.28	0.01498
-43.13	55.86	0.01545	-55.86	43.13	0.00732
-57.28	41.72	0.00667	-58.69	40.31	0.00615
-60.10	38.89	0.00572	-61.52	37.48	0.00535

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

*** NCRA Cumulative DPM Impacts

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

19:54:09

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00487	-67.18	31.82	0.00423
-70.71	28.28	0.00373	-77.78	21.21	0.00297
-84.85	14.14	0.00242	-91.92	7.07	0.00201
-98.99	0.00	0.00168	-106.07	-7.07	0.00142
-113.14	-14.14	0.00122	-120.21	-21.21	0.00105
28.28	113.14	0.00432	21.21	106.07	0.00485
14.14	98.99	0.00548	7.07	91.92	0.00624
0.00	84.85	0.00715	-7.07	77.78	0.00825
-14.14	70.71	0.00958	-21.21	63.64	0.01120
-24.75	60.10	0.01214	-28.28	56.57	0.01314
-30.41	54.45	0.01377	-31.82	53.03	0.01419
-33.23	51.62	0.01461	-34.65	50.20	0.01504
-36.06	48.79	0.01550	-48.79	36.06	0.00738
-50.20	34.65	0.00673	-51.62	33.23	0.00621
-53.03	31.82	0.00578	-54.45	30.41	0.00540
-56.57	28.28	0.00492	-60.10	24.75	0.00429
-63.64	21.21	0.00378	-70.71	14.14	0.00302
-77.78	7.07	0.00246	-84.85	0.00	0.00204
-91.92	-7.07	0.00172	-98.99	-14.14	0.00145
-106.07	-21.21	0.00124	-113.14	-28.28	0.00107
35.36	106.07	0.00432	28.28	98.99	0.00486
21.21	91.92	0.00550	14.14	84.85	0.00625
7.07	77.78	0.00717	0.00	70.71	0.00827
-7.07	63.64	0.00961	-14.14	56.57	0.01123
-17.68	53.03	0.01217	-21.21	49.50	0.01318
-23.33	47.38	0.01380	-24.75	45.96	0.01422
-26.16	44.55	0.01466	-27.58	43.13	0.01512
-28.99	41.72	0.01559	-41.72	28.99	0.00744
-43.13	27.58	0.00678	-44.55	26.16	0.00625
-45.96	24.75	0.00582	-47.38	23.33	0.00545
-49.50	21.21	0.00497	-53.03	17.68	0.00433
-56.57	14.14	0.00382	-63.64	7.07	0.00306
-70.71	0.00	0.00250	-77.78	-7.07	0.00208
-84.85	-14.14	0.00175	-91.92	-21.21	0.00148

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00127	-106.07	-35.36	0.00110
42.43	98.99	0.00432	35.36	91.92	0.00486
28.28	84.85	0.00550	21.21	77.78	0.00626
14.14	70.71	0.00718	7.07	63.64	0.00828
0.00	56.57	0.00962	-7.07	49.50	0.01125
-10.61	45.96	0.01220	-14.14	42.43	0.01320

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

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

19:54:09

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01383	-17.68	38.89	0.01424
-19.09	37.48	0.01467	-20.51	36.06	0.01516
-21.92	34.65	0.01568	-34.65	21.92	0.00748
-36.06	20.51	0.00683	-37.48	19.09	0.00630
-38.89	17.68	0.00586	-40.31	16.26	0.00549
-42.43	14.14	0.00501	-45.96	10.61	0.00437
-49.50	7.07	0.00386	-56.57	0.00	0.00309
-63.64	-7.07	0.00253	-70.71	-14.14	0.00211
-77.78	-21.21	0.00178	-84.85	-28.28	0.00151
-91.92	-35.36	0.00129	-98.99	-42.43	0.00112
49.50	91.92	0.00431	42.43	84.85	0.00486
35.36	77.78	0.00550	28.28	70.71	0.00626
21.21	63.64	0.00718	14.14	56.57	0.00829
7.07	49.50	0.00964	0.00	42.43	0.01127
-3.54	38.89	0.01221	-7.07	35.36	0.01323
-9.19	33.23	0.01385	-10.61	31.82	0.01428
-12.02	30.41	0.01470	-13.44	28.99	0.01516
-14.85	27.58	0.01568	-27.58	14.85	0.00749
-28.99	13.44	0.00685	-30.41	12.02	0.00633
-31.82	10.61	0.00590	-33.23	9.19	0.00553
-35.36	7.07	0.00505	-38.89	3.54	0.00441
-42.43	0.00	0.00389	-49.50	-7.07	0.00313
-56.57	-14.14	0.00256	-63.64	-21.21	0.00214
-70.71	-28.28	0.00180	-77.78	-35.36	0.00153
-84.85	-42.43	0.00132	-91.92	-49.50	0.00114
56.57	84.85	0.00430	49.50	77.78	0.00485
42.43	70.71	0.00549	35.36	63.64	0.00626
28.28	56.57	0.00718	21.21	49.50	0.00829

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00964	7.07	35.36	0.01129
3.54	31.82	0.01222	0.00	28.28	0.01324
-2.12	26.16	0.01387	-3.54	24.75	0.01430
-4.95	23.33	0.01472	-6.36	21.92	0.01516
-7.78	20.51	0.01568	-20.51	7.78	0.00751
-21.92	6.36	0.00687	-23.33	4.95	0.00636
-24.75	3.54	0.00593	-26.16	2.12	0.00555
-28.28	0.00	0.00508	-31.82	-3.54	0.00444
-35.36	-7.07	0.00393	-42.43	-14.14	0.00315
-49.50	-21.21	0.00259	-56.57	-28.28	0.00216
-63.64	-35.36	0.00182	-70.71	-42.43	0.00155
-77.78	-49.50	0.00133	-84.85	-56.57	0.00116

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

19:54:09

**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	0.00429	56.57	70.71	0.00483
49.50	63.64	0.00548	42.43	56.57	0.00624
35.36	49.50	0.00717	28.28	42.43	0.00828
21.21	35.36	0.00964	14.14	28.28	0.01129
10.61	24.75	0.01223	7.07	21.21	0.01324
4.95	19.09	0.01387	3.54	17.68	0.01430
2.12	16.26	0.01474	0.71	14.85	0.01517
-0.71	13.44	0.01568	-13.44	0.71	0.00753
-14.85	-0.71	0.00690	-16.26	-2.12	0.00638
-17.68	-3.54	0.00595	-19.09	-4.95	0.00557
-21.21	-7.07	0.00510	-24.75	-10.61	0.00446
-28.28	-14.14	0.00395	-35.36	-21.21	0.00318
-42.43	-28.28	0.00261	-49.50	-35.36	0.00218
-56.57	-42.43	0.00184	-63.64	-49.50	0.00157
-70.71	-56.57	0.00135	-77.78	-63.64	0.00117
70.71	70.71	0.00426	63.64	63.64	0.00481
56.57	56.57	0.00546	49.50	49.50	0.00623
42.43	42.43	0.00715	35.36	35.36	0.00827
28.28	28.28	0.00963	21.21	21.21	0.01128
17.68	17.68	0.01223	14.14	14.14	0.01325
12.02	12.02	0.01387	10.61	10.61	0.01430
9.19	9.19	0.01473	7.78	7.78	0.01518

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01566	-6.36	-6.36	0.00755
-7.78	-7.78	0.00691	-9.19	-9.19	0.00640
-10.61	-10.61	0.00596	-12.02	-12.02	0.00559
-14.14	-14.14	0.00512	-17.68	-17.68	0.00448
-21.21	-21.21	0.00397	-28.28	-28.28	0.00320
-35.36	-35.36	0.00263	-42.43	-42.43	0.00220
-49.50	-49.50	0.00186	-56.57	-56.57	0.00159
-63.64	-63.64	0.00137	-70.71	-70.71	0.00119
77.78	63.64	0.00423	70.71	56.57	0.00478
63.64	49.50	0.00543	56.57	42.43	0.00620
49.50	35.36	0.00713	42.43	28.28	0.00825
35.36	21.21	0.00961	28.28	14.14	0.01127
24.75	10.61	0.01222	21.21	7.07	0.01324
19.09	4.95	0.01387	17.68	3.54	0.01430
16.26	2.12	0.01473	14.85	0.71	0.01517
13.44	-0.71	0.01565	0.71	-13.44	0.00756
-0.71	-14.85	0.00692	-2.12	-16.26	0.00641
-3.54	-17.68	0.00597	-4.95	-19.09	0.00560

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

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

19:54:09
 **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	0.00513	-10.61	-24.75	0.00449
-14.14	-28.28	0.00398	-21.21	-35.36	0.00321
-28.28	-42.43	0.00265	-35.36	-49.50	0.00221
-42.43	-56.57	0.00187	-49.50	-63.64	0.00160
-56.57	-70.71	0.00138	-63.64	-77.78	0.00120
84.85	56.57	0.00420	77.78	49.50	0.00475
70.71	42.43	0.00539	63.64	35.36	0.00617
56.57	28.28	0.00710	49.50	21.21	0.00822
42.43	14.14	0.00959	35.36	7.07	0.01125
31.82	3.54	0.01221	28.28	0.00	0.01323
26.16	-2.12	0.01386	24.75	-3.54	0.01429
23.33	-4.95	0.01472	21.92	-6.36	0.01516
20.51	-7.78	0.01564	7.78	-20.51	0.00757
6.36	-21.92	0.00692	4.95	-23.33	0.00641
3.54	-24.75	0.00598	2.12	-26.16	0.00561
0.00	-28.28	0.00513	-3.54	-31.82	0.00450

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00399	-14.14	-42.43	0.00322
-21.21	-49.50	0.00266	-28.28	-56.57	0.00222
-35.36	-63.64	0.00188	-42.43	-70.71	0.00161
-49.50	-77.78	0.00139	-56.57	-84.85	0.00121
91.92	49.50	0.00416	84.85	42.43	0.00470
77.78	35.36	0.00535	70.71	28.28	0.00613
63.64	21.21	0.00706	56.57	14.14	0.00818
49.50	7.07	0.00955	42.43	0.00	0.01122
38.89	-3.54	0.01219	35.36	-7.07	0.01321
33.23	-9.19	0.01385	31.82	-10.61	0.01428
30.41	-12.02	0.01471	28.99	-13.44	0.01516
27.58	-14.85	0.01562	14.85	-27.58	0.00758
13.44	-28.99	0.00693	12.02	-30.41	0.00641
10.61	-31.82	0.00598	9.19	-33.23	0.00561
7.07	-35.36	0.00514	3.54	-38.89	0.00451
0.00	-42.43	0.00400	-7.07	-49.50	0.00323
-14.14	-56.57	0.00267	-21.21	-63.64	0.00223
-28.28	-70.71	0.00189	-35.36	-77.78	0.00162
-42.43	-84.85	0.00140	-49.50	-91.92	0.00122
98.99	42.43	0.00411	91.92	35.36	0.00465
84.85	28.28	0.00530	77.78	21.21	0.00608
70.71	14.14	0.00701	63.64	7.07	0.00814
56.57	0.00	0.00951	49.50	-7.07	0.01118
45.96	-10.61	0.01215	42.43	-14.14	0.01318

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

19:54:09
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.01382	38.89	-17.68	0.01425
37.48	-19.09	0.01470	36.06	-20.51	0.01517
34.65	-21.92	0.01565	21.92	-34.65	0.00757
20.51	-36.06	0.00692	19.09	-37.48	0.00640
17.68	-38.89	0.00598	16.26	-40.31	0.00561
14.14	-42.43	0.00514	10.61	-45.96	0.00451
7.07	-49.50	0.00400	0.00	-56.57	0.00324
-7.07	-63.64	0.00267	-14.14	-70.71	0.00224
-21.21	-77.78	0.00190	-28.28	-84.85	0.00163
-35.36	-91.92	0.00141	-42.43	-98.99	0.00123

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00405	98.99	28.28	0.00459
91.92	21.21	0.00524	84.85	14.14	0.00602
77.78	7.07	0.00695	70.71	0.00	0.00808
63.64	-7.07	0.00946	56.57	-14.14	0.01114
53.03	-17.68	0.01210	49.50	-21.21	0.01314
47.38	-23.33	0.01377	45.96	-24.75	0.01420
44.55	-26.16	0.01464	43.13	-27.58	0.01514
41.72	-28.99	0.01567	28.99	-41.72	0.00756
27.58	-43.13	0.00692	26.16	-44.55	0.00640
24.75	-45.96	0.00597	23.33	-47.38	0.00560
21.21	-49.50	0.00513	17.68	-53.03	0.00450
14.14	-56.57	0.00400	7.07	-63.64	0.00324
0.00	-70.71	0.00268	-7.07	-77.78	0.00224
-14.14	-84.85	0.00190	-21.21	-91.92	0.00163
-28.28	-98.99	0.00141	-35.36	-106.07	0.00123
113.14	28.28	0.00399	106.07	21.21	0.00453
98.99	14.14	0.00517	91.92	7.07	0.00595
84.85	0.00	0.00688	77.78	-7.07	0.00802
70.71	-14.14	0.00940	63.64	-21.21	0.01108
60.10	-24.75	0.01205	56.57	-28.28	0.01309
54.45	-30.41	0.01373	53.03	-31.82	0.01417
51.62	-33.23	0.01460	50.20	-34.65	0.01507
48.79	-36.06	0.01561	36.06	-48.79	0.00752
34.65	-50.20	0.00689	33.23	-51.62	0.00638
31.82	-53.03	0.00596	30.41	-54.45	0.00559
28.28	-56.57	0.00512	24.75	-60.10	0.00450
21.21	-63.64	0.00400	14.14	-70.71	0.00324
7.07	-77.78	0.00268	0.00	-84.85	0.00224
-7.07	-91.92	0.00190	-14.14	-98.99	0.00164
-21.21	-106.07	0.00142	-28.28	-113.14	0.00124

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

19:54:09
 **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	0.00445
106.07	7.07	0.00509	98.99	0.00	0.00587
91.92	-7.07	0.00680	84.85	-14.14	0.00794
77.78	-21.21	0.00933	70.71	-28.28	0.01102

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.01198	63.64	-35.36	0.01302
61.52	-37.48	0.01367	60.10	-38.89	0.01411
58.69	-40.31	0.01455	57.28	-41.72	0.01500
55.86	-43.13	0.01553	43.13	-55.86	0.00749
41.72	-57.28	0.00686	40.31	-58.69	0.00636
38.89	-60.10	0.00593	37.48	-61.52	0.00557
35.36	-63.64	0.00511	31.82	-67.18	0.00449
28.28	-70.71	0.00399	21.21	-77.78	0.00323
14.14	-84.85	0.00267	7.07	-91.92	0.00224
0.00	-98.99	0.00190	-7.07	-106.07	0.00164
-14.14	-113.14	0.00142	-21.21	-120.21	0.00124
127.28	14.14	0.00383	120.21	7.07	0.00436
113.14	0.00	0.00500	106.07	-7.07	0.00577
98.99	-14.14	0.00671	91.92	-21.21	0.00785
84.85	-28.28	0.00924	77.78	-35.36	0.01094
74.25	-38.89	0.01191	70.71	-42.43	0.01294
68.59	-44.55	0.01360	67.18	-45.96	0.01404
65.76	-47.38	0.01449	64.35	-48.79	0.01494
62.93	-50.20	0.01545	50.20	-62.93	0.00745
48.79	-64.35	0.00683	47.38	-65.76	0.00633
45.96	-67.18	0.00591	44.55	-68.59	0.00555
42.43	-70.71	0.00509	38.89	-74.25	0.00447
35.36	-77.78	0.00398	28.28	-84.85	0.00322
21.21	-91.92	0.00266	14.14	-98.99	0.00224
7.07	-106.07	0.00190	0.00	-113.14	0.00164
-7.07	-120.21	0.00142	-14.14	-127.28	0.00125
134.35	7.07	0.00374	127.28	0.00	0.00426
120.21	-7.07	0.00490	113.14	-14.14	0.00566
106.07	-21.21	0.00660	98.99	-28.28	0.00774
91.92	-35.36	0.00914	84.85	-42.43	0.01084
81.32	-45.96	0.01181	77.78	-49.50	0.01286
75.66	-51.62	0.01350	74.25	-53.03	0.01395
72.83	-54.45	0.01440	71.42	-55.86	0.01486
70.00	-57.28	0.01536	57.28	-70.00	0.00741
55.86	-71.42	0.00679	54.45	-72.83	0.00629
53.03	-74.25	0.00587	51.62	-75.66	0.00552

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

19:54:09
 **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 ***

13NCRA_SR03-300_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	0.00506	45.96	-81.32	0.00445
42.43	-84.85	0.00396	35.36	-91.92	0.00321
28.28	-98.99	0.00265	21.21	-106.07	0.00223
14.14	-113.14	0.00190	7.07	-120.21	0.00164
0.00	-127.28	0.00142	-7.07	-134.35	0.00125
141.42	0.00	0.00364	134.35	-7.07	0.00415
127.28	-14.14	0.00478	120.21	-21.21	0.00554
113.14	-28.28	0.00647	106.07	-35.36	0.00761
98.99	-42.43	0.00901	91.92	-49.50	0.01072
88.39	-53.03	0.01170	84.85	-56.57	0.01275
82.73	-58.69	0.01341	81.32	-60.10	0.01385
79.90	-61.52	0.01430	78.49	-62.93	0.01476
77.07	-64.35	0.01526	64.35	-77.07	0.00737
62.93	-78.49	0.00674	61.52	-79.90	0.00625
60.10	-81.32	0.00583	58.69	-82.73	0.00548
56.57	-84.85	0.00503	53.03	-88.39	0.00442
49.50	-91.92	0.00394	42.43	-98.99	0.00319
35.36	-106.07	0.00264	28.28	-113.14	0.00222
21.21	-120.21	0.00189	14.14	-127.28	0.00163
7.07	-134.35	0.00142	0.00	-141.42	0.00125
148.49	-7.07	0.00352	141.42	-14.14	0.00403
134.35	-21.21	0.00464	127.28	-28.28	0.00539
120.21	-35.36	0.00632	113.14	-42.43	0.00745
106.07	-49.50	0.00886	98.99	-56.57	0.01058
95.46	-60.10	0.01156	91.92	-63.64	0.01262
89.80	-65.76	0.01328	88.39	-67.18	0.01373
86.97	-68.59	0.01418	85.56	-70.00	0.01464
84.15	-71.42	0.01514	71.42	-84.15	0.00731
70.00	-85.56	0.00669	68.59	-86.97	0.00620
67.18	-88.39	0.00579	65.76	-89.80	0.00544
63.64	-91.92	0.00499	60.10	-95.46	0.00439
56.57	-98.99	0.00391	49.50	-106.07	0.00317
42.43	-113.14	0.00262	35.36	-120.21	0.00221
28.28	-127.28	0.00189	21.21	-134.35	0.00163
14.14	-141.42	0.00142	7.07	-148.49	0.00124
155.56	-14.14	0.00341	148.49	-21.21	0.00389
141.42	-28.28	0.00449	134.35	-35.36	0.00523
127.28	-42.43	0.00614	120.21	-49.50	0.00728
113.14	-56.57	0.00868	106.07	-63.64	0.01040
102.53	-67.18	0.01140	98.99	-70.71	0.01247

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

*** NCRA Cumulative DPM Impacts

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

19:54:09
 **MODELOPTs:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.01314	95.46	-74.25	0.01359
94.05	-75.66	0.01404	92.63	-77.07	0.01451
91.22	-78.49	0.01500	78.49	-91.22	0.00724
77.07	-92.63	0.00662	75.66	-94.05	0.00613
74.25	-95.46	0.00573	72.83	-96.87	0.00538
70.71	-98.99	0.00494	67.18	-102.53	0.00435
63.64	-106.07	0.00387	56.57	-113.14	0.00314
49.50	-120.21	0.00260	42.43	-127.28	0.00220
35.36	-134.35	0.00188	28.28	-141.42	0.00162
21.21	-148.49	0.00141	14.14	-155.56	0.00124
162.63	-21.21	0.00328	155.56	-28.28	0.00375
148.49	-35.36	0.00433	141.42	-42.43	0.00505
134.35	-49.50	0.00594	127.28	-56.57	0.00706
120.21	-63.64	0.00846	113.14	-70.71	0.01019
109.60	-74.25	0.01119	106.07	-77.78	0.01227
103.94	-79.90	0.01294	102.53	-81.32	0.01339
101.12	-82.73	0.01387	99.70	-84.15	0.01437
98.29	-85.56	0.01489	85.56	-98.29	0.00716
84.15	-99.70	0.00655	82.73	-101.12	0.00606
81.32	-102.53	0.00566	79.90	-103.94	0.00532
77.78	-106.07	0.00488	74.25	-109.60	0.00430
70.71	-113.14	0.00383	63.64	-120.21	0.00311
56.57	-127.28	0.00258	49.50	-134.35	0.00218
42.43	-141.42	0.00186	35.36	-148.49	0.00161
28.28	-155.56	0.00140	21.21	-162.63	0.00124
169.71	-28.28	0.00315	162.63	-35.36	0.00359
155.56	-42.43	0.00415	148.49	-49.50	0.00484
141.42	-56.57	0.00571	134.35	-63.64	0.00681
127.28	-70.71	0.00820	120.21	-77.78	0.00993
116.67	-81.32	0.01094	113.14	-84.85	0.01203
111.02	-86.97	0.01270	109.60	-88.39	0.01316
108.19	-89.80	0.01363	106.77	-91.22	0.01416
105.36	-92.63	0.01473	92.63	-105.36	0.00705
91.22	-106.77	0.00646	89.80	-108.19	0.00598
88.39	-109.60	0.00558	86.97	-111.02	0.00525
84.85	-113.14	0.00482	81.32	-116.67	0.00424

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00377	70.71	-127.28	0.00307
63.64	-134.35	0.00256	56.57	-141.42	0.00216
49.50	-148.49	0.00185	42.43	-155.56	0.00160
35.36	-162.63	0.00140	28.28	-169.71	0.00123

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

19:54:09
 **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	0.00301	169.71	-42.43	0.00343
162.63	-49.50	0.00395	155.56	-56.57	0.00461
148.49	-63.64	0.00545	141.42	-70.71	0.00652
134.35	-77.78	0.00789	127.28	-84.85	0.00961
123.74	-88.39	0.01062	120.21	-91.92	0.01172
118.09	-94.05	0.01241	116.67	-95.46	0.01288
115.26	-96.87	0.01335	113.84	-98.29	0.01387
112.43	-99.70	0.01445	99.70	-112.43	0.00691
98.29	-113.84	0.00634	96.87	-115.26	0.00588
95.46	-116.67	0.00550	94.05	-118.09	0.00517
91.92	-120.21	0.00474	88.39	-123.74	0.00418
84.85	-127.28	0.00372	77.78	-134.35	0.00303
70.71	-141.42	0.00253	63.64	-148.49	0.00214
56.57	-155.56	0.00183	49.50	-162.63	0.00159
42.43	-169.71	0.00139	35.36	-176.78	0.00123
183.85	-42.43	0.00287	176.78	-49.50	0.00326
169.71	-56.57	0.00375	162.63	-63.64	0.00436
155.56	-70.71	0.00515	148.49	-77.78	0.00618
141.42	-84.85	0.00751	134.35	-91.92	0.00922
130.81	-95.46	0.01022	127.28	-98.99	0.01134
125.16	-101.12	0.01204	123.74	-102.53	0.01252
122.33	-103.94	0.01301	120.92	-105.36	0.01351
119.50	-106.77	0.01410	106.77	-119.50	0.00676
105.36	-120.92	0.00620	103.94	-122.33	0.00576
102.53	-123.74	0.00538	101.12	-125.16	0.00506
98.99	-127.28	0.00465	95.46	-130.81	0.00410
91.92	-134.35	0.00366	84.85	-141.42	0.00299
77.78	-148.49	0.00249	70.71	-155.56	0.00211
63.64	-162.63	0.00181	56.57	-169.71	0.00158
49.50	-176.78	0.00138	42.43	-183.85	0.00122

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00273	183.85	-56.57	0.00309
176.78	-63.64	0.00354	169.71	-70.71	0.00410
162.63	-77.78	0.00483	155.56	-84.85	0.00578
148.49	-91.92	0.00705	141.42	-98.99	0.00873
137.89	-102.53	0.00973	134.35	-106.07	0.01084
132.23	-108.19	0.01156	130.81	-109.60	0.01205
129.40	-111.02	0.01255	127.99	-112.43	0.01307
126.57	-113.84	0.01366	113.84	-126.57	0.00660
112.43	-127.99	0.00605	111.02	-129.40	0.00562
109.60	-130.81	0.00526	108.19	-132.23	0.00495

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** 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	0.00455	102.53	-137.89	0.00401
98.99	-141.42	0.00359	91.92	-148.49	0.00294
84.85	-155.56	0.00246	77.78	-162.63	0.00209
70.71	-169.71	0.00180	63.64	-176.78	0.00156
56.57	-183.85	0.00137	49.50	-190.92	0.00121
197.99	-56.57	0.00259	190.92	-63.64	0.00292
183.85	-70.71	0.00333	176.78	-77.78	0.00384
169.71	-84.85	0.00450	162.63	-91.92	0.00536
155.56	-98.99	0.00652	148.49	-106.07	0.00811
144.96	-109.60	0.00909	141.42	-113.14	0.01021
139.30	-115.26	0.01092	137.89	-116.67	0.01142
136.47	-118.09	0.01195	135.06	-119.50	0.01249
133.64	-120.92	0.01309	120.92	-133.64	0.00640
119.50	-135.06	0.00588	118.09	-136.47	0.00546
116.67	-137.89	0.00511	115.26	-139.30	0.00481
113.14	-141.42	0.00443	109.60	-144.96	0.00392
106.07	-148.49	0.00351	98.99	-155.56	0.00288
91.92	-162.63	0.00242	84.85	-169.71	0.00206
77.78	-176.78	0.00178	70.71	-183.85	0.00155
63.64	-190.92	0.00136	56.57	-197.99	0.00120
205.06	-63.64	0.00245	197.99	-70.71	0.00275
190.92	-77.78	0.00312	183.85	-84.85	0.00358
176.78	-91.92	0.00416	169.71	-98.99	0.00491
162.63	-106.07	0.00593	155.56	-113.14	0.00736

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00829	148.49	-120.21	0.00937
146.37	-122.33	0.01009	144.96	-123.74	0.01060
143.54	-125.16	0.01113	142.13	-126.57	0.01169
140.71	-127.99	0.01231	127.99	-140.71	0.00618
126.57	-142.13	0.00568	125.16	-143.54	0.00529
123.74	-144.96	0.00496	122.33	-146.37	0.00467
120.21	-148.49	0.00431	116.67	-152.03	0.00382
113.14	-155.56	0.00343	106.07	-162.63	0.00283
98.99	-169.71	0.00238	91.92	-176.78	0.00203
84.85	-183.85	0.00175	77.78	-190.92	0.00153
70.71	-197.99	0.00134	63.64	-205.06	0.00119
212.13	-70.71	0.00231	205.06	-77.78	0.00258
197.99	-84.85	0.00291	190.92	-91.92	0.00332
183.85	-98.99	0.00383	176.78	-106.07	0.00447
169.71	-113.14	0.00533	162.63	-120.21	0.00652
159.10	-123.74	0.00731	155.56	-127.28	0.00829

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
153.44	-129.40	0.00897	152.03	-130.81	0.00947
150.61	-132.23	0.01001	149.20	-133.64	0.01059
147.79	-135.06	0.01125	135.06	-147.79	0.00594
133.64	-149.20	0.00547	132.23	-150.61	0.00511
130.81	-152.03	0.00480	129.40	-153.44	0.00453
127.28	-155.56	0.00419	123.74	-159.10	0.00373
120.21	-162.63	0.00335	113.14	-169.71	0.00278
106.07	-176.78	0.00234	98.99	-183.85	0.00199
91.92	-190.92	0.00172	84.85	-197.99	0.00150
77.78	-205.06	0.00132	70.71	-212.13	0.00117
219.20	-77.78	0.00216	212.13	-84.85	0.00241
205.06	-91.92	0.00270	197.99	-98.99	0.00306
190.92	-106.07	0.00350	183.85	-113.14	0.00405
176.78	-120.21	0.00475	169.71	-127.28	0.00568
166.17	-130.81	0.00628	162.63	-134.35	0.00702
160.51	-136.47	0.00757	159.10	-137.89	0.00799
157.68	-139.30	0.00847	156.27	-140.71	0.00903
154.86	-142.13	0.00970	142.13	-154.86	0.00570

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00527	139.30	-157.68	0.00493
137.89	-159.10	0.00464	136.47	-160.51	0.00440
134.35	-162.63	0.00407	130.81	-166.17	0.00363
127.28	-169.71	0.00328	120.21	-176.78	0.00271
113.14	-183.85	0.00229	106.07	-190.92	0.00195
98.99	-197.99	0.00169	91.92	-205.06	0.00148
84.85	-212.13	0.00130	77.78	-219.20	0.00116
226.27	-84.85	0.00202	219.20	-91.92	0.00224
212.13	-98.99	0.00249	205.06	-106.07	0.00280
197.99	-113.14	0.00317	190.92	-120.21	0.00363
183.85	-127.28	0.00419	176.78	-134.35	0.00490
173.24	-137.89	0.00533	169.71	-141.42	0.00583
167.58	-143.54	0.00617	166.17	-144.96	0.00643
164.76	-146.37	0.00672	163.34	-147.79	0.00707
161.93	-149.20	0.00753	149.20	-161.93	0.00548
147.79	-163.34	0.00509	146.37	-164.76	0.00476
144.96	-166.17	0.00450	143.54	-167.58	0.00426
141.42	-169.71	0.00396	137.89	-173.24	0.00353
134.35	-176.78	0.00319	127.28	-183.85	0.00264
120.21	-190.92	0.00223	113.14	-197.99	0.00191
106.07	-205.06	0.00166	98.99	-212.13	0.00145
91.92	-219.20	0.00128	84.85	-226.27	0.00114

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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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	0.00188	226.27	-98.99	0.00207
219.20	-106.07	0.00229	212.13	-113.14	0.00255
205.06	-120.21	0.00286	197.99	-127.28	0.00322
190.92	-134.35	0.00366	183.85	-141.42	0.00417
180.31	-144.96	0.00447	176.78	-148.49	0.00479
174.66	-150.61	0.00500	173.24	-152.03	0.00515
171.83	-153.44	0.00532	170.41	-154.86	0.00550
169.00	-156.27	0.00571	156.27	-169.00	0.00518
154.86	-170.41	0.00486	153.44	-171.83	0.00457
152.03	-173.24	0.00433	150.61	-174.66	0.00411
148.49	-176.78	0.00382	144.96	-180.31	0.00342
141.42	-183.85	0.00309	134.35	-190.92	0.00257

13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00218	120.21	-205.06	0.00187
113.14	-212.13	0.00163	106.07	-219.20	0.00143
98.99	-226.27	0.00126	91.92	-233.35	0.00112
240.42	-98.99	0.00174	233.35	-106.07	0.00191
226.27	-113.14	0.00210	219.20	-120.21	0.00231
212.13	-127.28	0.00257	205.06	-134.35	0.00287
197.99	-141.42	0.00321	190.92	-148.49	0.00362
187.38	-152.03	0.00385	183.85	-155.56	0.00410
181.73	-157.68	0.00426	180.31	-159.10	0.00439
178.90	-160.51	0.00452	177.48	-161.93	0.00466
176.07	-163.34	0.00481	163.34	-176.07	0.00461
161.93	-177.48	0.00441	160.51	-178.90	0.00421
159.10	-180.31	0.00402	157.68	-181.73	0.00384
155.56	-183.85	0.00360	152.03	-187.38	0.00325
148.49	-190.92	0.00295	141.42	-197.99	0.00248
134.35	-205.06	0.00211	127.28	-212.13	0.00182
120.21	-219.20	0.00159	113.14	-226.27	0.00140
106.07	-233.35	0.00124	98.99	-240.42	0.00111
247.49	-106.07	0.00162	240.42	-113.14	0.00176
233.35	-120.21	0.00192	226.27	-127.28	0.00211
219.20	-134.35	0.00233	212.13	-141.42	0.00258
205.06	-148.49	0.00286	197.99	-155.56	0.00319
194.45	-159.10	0.00338	190.92	-162.63	0.00360
188.80	-164.76	0.00374	187.38	-166.17	0.00383
185.97	-167.58	0.00392	184.55	-169.00	0.00402
183.14	-170.41	0.00412	170.41	-183.14	0.00403
169.00	-184.55	0.00389	167.58	-185.97	0.00376
166.17	-187.38	0.00363	164.76	-188.80	0.00350

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

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00331	159.10	-194.45	0.00303
155.56	-197.99	0.00277	148.49	-205.06	0.00236
141.42	-212.13	0.00202	134.35	-219.20	0.00176
127.28	-226.27	0.00154	120.21	-233.35	0.00136
113.14	-240.42	0.00121	106.07	-247.49	0.00108

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

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13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S1	1ST	HIGHEST	VALUE IS	0.01021	AT (	126.57,	-113.84,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.01010	AT (	119.50,	-106.77,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.01008	AT (	133.64,	-120.92,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00977	AT (	112.43,	-99.70,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00970	AT (	127.99,	-112.43,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00968	AT (	140.71,	-127.99,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00961	AT (	120.92,	-105.36,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00954	AT (	135.06,	-119.50,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00934	AT (	113.84,	-98.29,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00926	AT (	129.40,	-111.02,	0.00,	1.20)	DC	NA
NCRA_S2	1ST	HIGHEST	VALUE IS	0.01021	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.01010	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.01008	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00977	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00970	AT (	64.35,	-48.79,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00968	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00961	AT (	57.28,	-41.72,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00954	AT (	71.42,	-55.86,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00934	AT (	50.20,	-34.65,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00926	AT (	65.76,	-47.38,	0.00,	1.20)	DC	NA
NCRA_S3	1ST	HIGHEST	VALUE IS	0.01021	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.01010	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.01008	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00977	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00970	AT (	0.71,	14.85,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00968	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00961	AT (	-6.36,	21.92,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00954	AT (	7.78,	7.78,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00934	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00926	AT (2.12,	16.26,	0.00,	1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S4	1ST	HIGHEST	VALUE IS	0.01021	AT (	-64.35,	77.07,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.01010	AT (	-71.42,	84.15,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.01008	AT (	-57.28,	70.00,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00977	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00970	AT (	-62.93,	78.49,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00968	AT (	-50.20,	62.93,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00961	AT (	-70.00,	85.56,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00954	AT (	-55.86,	71.42,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00933	AT (	-77.07,	92.63,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00926	AT (	-61.52,	79.90,	0.00,	1.20)	DC	NA
NCRA_S5	1ST	HIGHEST	VALUE IS	0.01021	AT (	-127.99,	140.71,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.01010	AT (	-135.06,	147.79,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.01008	AT (	-120.92,	133.64,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00977	AT (	-142.13,	154.86,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00970	AT (	-126.57,	142.13,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00968	AT (	-113.84,	126.57,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00961	AT (	-133.64,	149.20,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00954	AT (	-119.50,	135.06,	0.00,	1.20)	DC	NA

		13NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00933	AT (	-140.71,	156.27,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00926	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01568	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01568	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01568	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01568	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01567	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01566	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01565	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01565	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01564	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01562	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA

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

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

04/18/08

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

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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 13 Informational Message(s)
 A Total of 13 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
