

1 14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound
ISCST3 - (DATED 02035)

ISCST3x VERSION 4.4.3
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/18/2008 at 20:01:50

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

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

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

RE STARTING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ME STARTING
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros04300.asc"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9902 2004
 ME UAIRDATA 9902 2004
 ME STARTEND 2004 01 01 1 2004 12 31 24
 ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\14NCRA_SR04-300_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 ***

20:01:50

**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\14NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\14NCRA-1.LST

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

20:01:50
 **MODELOPTs:
 PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

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

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

20:01:50
 **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
 *** Maximum train overlap at SE/NW Bound Direction ***

20:01:50
 **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);

14NCRA_SR04-300_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

20:01:50

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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 ***

20:01:50

**MODELOPTs:

PAGE 6

CONC URBAN FLAT FLGPOL DFAULT

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

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

14NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 7

CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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 ***

20:01:50
 **MODELOPTs:
 PAGE 9

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);

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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);

14NCRA_SR04-300_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

20:01:50

**MODELOPTs:

PAGE 11

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);

14NCRA_SR04-300_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 ***

20:01:50

**MODELOPTs:

PAGE 12

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);

14NCRA_SR04-300_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 ***

20:01:50

**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);

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**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);

14NCRA_SR04-300_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 ***

20:01:50
 **MODELOPTS:
 PAGE 15
 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);

14NCRA_SR04-300_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:
PAGE 16
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);

14NCRA_SR04-300_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 ***

20:01:50

**MODELOPTs:

PAGE 17

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);

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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 ***

20:01:50
 **MODELOPTs:
 PAGE 19
 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);

14NCRA_SR04-300_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 ***

20:01:50

**MODELOPTs:

PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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

20:01:50

**MODELOPTs:

PAGE 21

CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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)
04	01	01	01	319.7	2.59	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	02	330.0	3.89	281.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	03	329.6	3.62	281.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	04	327.9	3.71	281.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	05	348.5	6.53	282.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	06	338.6	6.66	282.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	07	343.1	8.27	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	08	6.8	11.53	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	09	16.2	11.94	284.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	10	63.3	8.00	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	11	91.0	4.11	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	12	93.2	3.76	284.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	13	81.7	4.52	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	14	81.6	3.76	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	15	81.4	3.49	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	16	89.3	4.43	284.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	17	72.7	3.08	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	18	66.4	1.92	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	19	98.9	1.00	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	20	279.5	1.00	279.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	21	344.8	1.07	278.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	22	231.0	1.07	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	23	233.7	1.12	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	24	83.5	1.00	276.0	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 ***

20:01:50

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00015	-113.14	240.42	0.00015
-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	0.00012	-155.56	197.99	0.00011
-159.10	194.45	0.00011	-162.63	190.92	0.00011
-164.76	188.80	0.00011	-166.17	187.38	0.00010
-167.58	185.97	0.00010	-169.00	184.55	0.00010
-170.41	183.14	0.00010	-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	0.00008
-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	0.00007	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00016	-106.07	233.35	0.00015
-113.14	226.27	0.00015	-120.21	219.20	0.00014

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00014	-134.35	205.06	0.00013
-141.42	197.99	0.00013	-148.49	190.92	0.00012
-152.03	187.38	0.00012	-155.56	183.85	0.00011
-157.68	181.73	0.00011	-159.10	180.31	0.00011
-160.51	178.90	0.00011	-161.93	177.48	0.00011
-163.34	176.07	0.00011	-176.07	163.34	0.00009
-177.48	161.93	0.00009	-178.90	160.51	0.00009
-180.31	159.10	0.00009	-181.73	157.68	0.00009
-183.85	155.56	0.00009	-187.38	152.03	0.00008
-190.92	148.49	0.00008	-197.99	141.42	0.00007
-205.06	134.35	0.00007	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00005	-240.42	98.99	0.00005
-91.92	233.35	0.00016	-98.99	226.27	0.00016
-106.07	219.20	0.00016	-113.14	212.13	0.00015
-120.21	205.06	0.00015	-127.28	197.99	0.00014
-134.35	190.92	0.00013	-141.42	183.85	0.00013
-144.96	180.31	0.00012	-148.49	176.78	0.00012
-150.61	174.66	0.00012	-152.03	173.24	0.00011
-153.44	171.83	0.00011	-154.86	170.41	0.00011
-156.27	169.00	0.00011	-169.00	156.27	0.00010
-170.41	154.86	0.00010	-171.83	153.44	0.00009
-173.24	152.03	0.00009	-174.66	150.61	0.00009

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

20:01:50
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00009	-180.31	144.96	0.00009
-183.85	141.42	0.00008	-190.92	134.35	0.00008
-197.99	127.28	0.00007	-205.06	120.21	0.00007
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	99.00	0.00005	-233.35	91.92	0.00005
-84.85	226.27	0.00017	-91.92	219.20	0.00017
-98.99	212.13	0.00016	-106.07	205.06	0.00016
-113.14	197.99	0.00015	-120.21	190.92	0.00015
-127.28	183.85	0.00014	-134.35	176.78	0.00013
-137.89	173.24	0.00013	-141.42	169.71	0.00012
-143.54	167.58	0.00012	-144.96	166.17	0.00012

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**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	0.00013	-130.81	152.03	0.00013
-132.23	150.61	0.00013	-133.64	149.20	0.00013
-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	0.00010

14NCRA_SR04-300_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	0.00009
-176.78	106.07	0.00008	-183.85	98.99	0.00007
-190.92	91.92	0.00007	-197.99	84.85	0.00006
-205.06	77.78	0.00006	-212.13	70.71	0.00005
-63.64	205.06	0.00020	-70.71	197.99	0.00020
-77.78	190.92	0.00019	-84.85	183.85	0.00019
-91.92	176.78	0.00018	-98.99	169.71	0.00017
-106.07	162.63	0.00016	-113.14	155.56	0.00016
-116.67	152.03	0.00015	-120.21	148.49	0.00015
-122.33	146.37	0.00014	-123.74	144.96	0.00014
-125.16	143.54	0.00014	-126.57	142.13	0.00014
-127.99	140.71	0.00013	-140.71	127.99	0.00012
-142.13	126.57	0.00011	-143.54	125.16	0.00011
-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	0.00008
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00006	-205.06	63.64	0.00006
-56.57	197.99	0.00021	-63.64	190.92	0.00021
-70.71	183.85	0.00020	-77.78	176.78	0.00020
-84.85	169.71	0.00019	-91.92	162.63	0.00018
-98.99	155.56	0.00017	-106.07	148.49	0.00016
-109.60	144.96	0.00016	-113.14	141.42	0.00015
-115.26	139.30	0.00015	-116.67	137.89	0.00015
-118.09	136.47	0.00015	-119.50	135.06	0.00014
-120.92	133.64	0.00014	-133.64	120.92	0.00012
-135.06	119.50	0.00012	-136.47	118.09	0.00012
-137.89	116.67	0.00012	-139.30	115.26	0.00011
-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	0.00009	-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 ***
 20:01:50
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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	0.00022	-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	0.00017
-102.53	137.89	0.00017	-106.07	134.35	0.00016
-108.19	132.23	0.00016	-109.60	130.81	0.00016
-111.02	129.40	0.00015	-112.43	127.99	0.00015
-113.84	126.57	0.00015	-126.57	113.84	0.00013
-127.99	112.43	0.00013	-129.40	111.02	0.00012
-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	0.00011	-148.49	91.92	0.00010
-155.56	84.85	0.00009	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00007
-183.85	56.57	0.00006	-190.92	49.50	0.00006
-42.43	183.85	0.00024	-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	0.00018
-95.46	130.81	0.00018	-98.99	127.28	0.00017
-101.12	125.16	0.00017	-102.53	123.74	0.00017
-103.94	122.33	0.00016	-105.36	120.92	0.00016
-106.77	119.50	0.00016	-119.50	106.77	0.00014
-120.92	105.36	0.00013	-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	0.00009
-162.63	63.64	0.00008	-169.71	56.57	0.00007
-176.78	49.50	0.00007	-183.85	42.43	0.00006
-35.36	176.78	0.00025	-42.43	169.71	0.00025
-49.50	162.63	0.00024	-56.57	155.56	0.00024
-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	0.00019	-91.92	120.21	0.00018
-94.05	118.09	0.00018	-95.46	116.67	0.00018
-96.87	115.26	0.00017	-98.29	113.84	0.00017
-99.70	112.43	0.00017	-112.43	99.70	0.00014
-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

20:01:50

**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	0.00012	-134.35	77.78	0.00011
-141.42	70.71	0.00010	-148.49	63.64	0.00009
-155.56	56.57	0.00008	-162.63	49.50	0.00008
-169.71	42.43	0.00007	-176.78	35.36	0.00006
-28.28	169.71	0.00026	-35.36	162.63	0.00026
-42.43	155.56	0.00026	-49.50	148.49	0.00025
-56.57	141.42	0.00025	-63.64	134.35	0.00024
-70.71	127.28	0.00022	-77.78	120.21	0.00021
-81.32	116.67	0.00020	-84.85	113.14	0.00019
-86.97	111.02	0.00019	-88.39	109.60	0.00019
-89.80	108.19	0.00018	-91.22	106.77	0.00018
-92.63	105.36	0.00018	-105.36	92.63	0.00015
-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	0.00009	-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	0.00028	-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	0.00022
-74.25	109.60	0.00022	-77.78	106.07	0.00021
-79.90	103.94	0.00020	-81.32	102.53	0.00020
-82.73	101.12	0.00020	-84.15	99.70	0.00019
-85.56	98.29	0.00019	-98.29	85.56	0.00016
-99.70	84.15	0.00016	-101.12	82.73	0.00015
-102.53	81.32	0.00015	-103.94	79.90	0.00015
-106.07	77.78	0.00014	-109.60	74.25	0.00014
-113.14	70.71	0.00013	-120.21	63.64	0.00012
-127.28	56.57	0.00011	-134.35	49.50	0.00010
-141.42	42.43	0.00009	-148.49	35.36	0.00008
-155.56	28.28	0.00007	-162.63	21.21	0.00007
-14.14	155.56	0.00030	-21.21	148.49	0.00030
-28.28	141.42	0.00030	-35.36	134.35	0.00029

14NCRA_SR04-300_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	0.00024
-67.18	102.53	0.00023	-70.71	98.99	0.00022

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

20:01:50

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00022	-74.25	95.46	0.00021
-75.66	94.05	0.00021	-77.07	92.63	0.00021
-78.49	91.22	0.00020	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00016
-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	0.00014	-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	0.00008
-148.49	21.21	0.00008	-155.56	14.14	0.00007
-7.07	148.49	0.00032	-14.14	141.42	0.00032
-21.21	134.35	0.00032	-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	0.00026
-60.10	95.46	0.00025	-63.64	91.92	0.00024
-65.76	89.80	0.00023	-67.18	88.39	0.00023
-68.59	86.97	0.00022	-70.00	85.56	0.00022
-71.42	84.15	0.00022	-84.15	71.42	0.00018
-85.56	70.00	0.00018	-86.97	68.59	0.00017
-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	0.00013
-113.14	42.43	0.00012	-120.21	35.36	0.00011
-127.28	28.28	0.00010	-134.35	21.21	0.00009
-141.42	14.14	0.00008	-148.49	7.07	0.00007
0.00	141.42	0.00034	-7.07	134.35	0.00034
-14.14	127.28	0.00034	-21.21	120.21	0.00033
-28.28	113.14	0.00033	-35.36	106.07	0.00031
-42.43	98.99	0.00030	-49.50	91.92	0.00028
-53.03	88.39	0.00027	-56.57	84.85	0.00026
-58.69	82.73	0.00025	-60.10	81.32	0.00024

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00024	-62.93	78.49	0.00024
-64.35	77.07	0.00023	-77.07	64.35	0.00019
-78.49	62.93	0.00019	-79.90	61.52	0.00018
-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	0.00014
-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	0.00008	-141.42	0.00	0.00007

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

20:01:50
 **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	0.00037
-7.07	120.21	0.00036	-14.14	113.14	0.00036
-21.21	106.07	0.00035	-28.28	98.99	0.00034
-35.36	91.92	0.00032	-42.43	84.85	0.00030
-45.96	81.32	0.00029	-49.50	77.78	0.00028
-51.62	75.66	0.00027	-53.03	74.25	0.00026
-54.45	72.83	0.00026	-55.86	71.42	0.00025
-57.28	70.00	0.00025	-70.00	57.28	0.00020
-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	0.00016	-91.92	35.36	0.00014
-98.99	28.28	0.00013	-106.07	21.21	0.00012
-113.14	14.14	0.00010	-120.21	7.07	0.00009
-127.28	0.00	0.00009	-134.35	-7.07	0.00008
14.14	127.28	0.00039	7.07	120.21	0.00039
0.00	113.14	0.00039	-7.07	106.07	0.00039
-14.14	98.99	0.00038	-21.21	91.92	0.00037
-28.28	84.85	0.00035	-35.36	77.78	0.00033
-38.89	74.25	0.00031	-42.43	70.71	0.00030
-44.55	68.59	0.00029	-45.96	67.18	0.00028
-47.38	65.76	0.00028	-48.79	64.35	0.00027
-50.20	62.93	0.00027	-62.93	50.20	0.00022
-64.35	48.79	0.00021	-65.76	47.38	0.00021
-67.18	45.96	0.00020	-68.59	44.55	0.00020

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00019	-74.25	38.89	0.00018
-77.78	35.36	0.00017	-84.85	28.28	0.00015
-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	0.00009	-127.28	-14.14	0.00008
21.21	120.21	0.00042	14.14	113.14	0.00042
7.07	106.07	0.00042	0.00	98.99	0.00042
-7.07	91.92	0.00041	-14.14	84.85	0.00040
-21.21	77.78	0.00038	-28.28	70.71	0.00035
-31.82	67.18	0.00034	-35.36	63.64	0.00032
-37.48	61.52	0.00032	-38.89	60.10	0.00031
-40.31	58.69	0.00030	-41.72	57.28	0.00030
-43.13	55.86	0.00029	-55.86	43.13	0.00023
-57.28	41.72	0.00023	-58.69	40.31	0.00022
-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 ***

20:01:50

**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	0.00018	-77.78	21.21	0.00016
-84.85	14.14	0.00014	-91.92	7.07	0.00013
-98.99	0.00	0.00011	-106.07	-7.07	0.00010
-113.14	-14.14	0.00009	-120.21	-21.21	0.00008
28.28	113.14	0.00046	21.21	106.07	0.00046
14.14	98.99	0.00046	7.07	91.92	0.00045
0.00	84.85	0.00045	-7.07	77.78	0.00043
-14.14	70.71	0.00041	-21.21	63.64	0.00039
-24.75	60.10	0.00037	-28.28	56.57	0.00035
-30.41	54.45	0.00034	-31.82	53.03	0.00034
-33.23	51.62	0.00033	-34.65	50.20	0.00032
-36.06	48.79	0.00031	-48.79	36.06	0.00025
-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	0.00022	-60.10	24.75	0.00020
-63.64	21.21	0.00019	-70.71	14.14	0.00017
-77.78	7.07	0.00015	-84.85	0.00	0.00013
-91.92	-7.07	0.00012	-98.99	-14.14	0.00011

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00009	-113.14	-28.28	0.00008
35.36	106.07	0.00049	28.28	98.99	0.00050
21.21	91.92	0.00050	14.14	84.85	0.00049
7.07	77.78	0.00049	0.00	70.71	0.00047
-7.07	63.64	0.00045	-14.14	56.57	0.00042
-17.68	53.03	0.00041	-21.21	49.50	0.00039
-23.33	47.38	0.00037	-24.75	45.96	0.00037
-26.16	44.55	0.00036	-27.58	43.13	0.00035
-28.99	41.72	0.00034	-41.72	28.99	0.00027
-43.13	27.58	0.00026	-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	0.00022
-56.57	14.14	0.00020	-63.64	7.07	0.00018
-70.71	0.00	0.00016	-77.78	-7.07	0.00014
-84.85	-14.14	0.00012	-91.92	-21.21	0.00011
-98.99	-28.28	0.00010	-106.07	-35.36	0.00009
42.43	98.99	0.00053	35.36	91.92	0.00054
28.28	84.85	0.00054	21.21	77.78	0.00054
14.14	70.71	0.00053	7.07	63.64	0.00052
0.00	56.57	0.00050	-7.07	49.50	0.00047
-10.61	45.96	0.00045	-14.14	42.43	0.00042

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

20:01:50
 **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	0.00041	-17.68	38.89	0.00040
-19.09	37.48	0.00039	-20.51	36.06	0.00038
-21.92	34.65	0.00037	-34.65	21.92	0.00029
-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	0.00023
-49.50	7.07	0.00022	-56.57	0.00	0.00019
-63.64	-7.07	0.00017	-70.71	-14.14	0.00015
-77.78	-21.21	0.00013	-84.85	-28.28	0.00011
-91.92	-35.36	0.00010	-98.99	-42.43	0.00009
49.50	91.92	0.00058	42.43	84.85	0.00059
35.36	77.78	0.00059	28.28	70.71	0.00059
21.21	63.64	0.00058	14.14	56.57	0.00057

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00055	0.00	42.43	0.00051
-3.54	38.89	0.00049	-7.07	35.36	0.00047
-9.19	33.23	0.00045	-10.61	31.82	0.00044
-12.02	30.41	0.00043	-13.44	28.99	0.00042
-14.85	27.58	0.00041	-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	0.00027	-38.89	3.54	0.00025
-42.43	0.00	0.00023	-49.50	-7.07	0.00020
-56.57	-14.14	0.00017	-63.64	-21.21	0.00015
-70.71	-28.28	0.00013	-77.78	-35.36	0.00012
-84.85	-42.43	0.00010	-91.92	-49.50	0.00009
56.57	84.85	0.00063	49.50	77.78	0.00064
42.43	70.71	0.00065	35.36	63.64	0.00065
28.28	56.57	0.00064	21.21	49.50	0.00063
14.14	42.43	0.00061	7.07	35.36	0.00057
3.54	31.82	0.00055	0.00	28.28	0.00052
-2.12	26.16	0.00050	-3.54	24.75	0.00049
-4.95	23.33	0.00048	-6.36	21.92	0.00047
-7.78	20.51	0.00045	-20.51	7.78	0.00035
-21.92	6.36	0.00034	-23.33	4.95	0.00033
-24.75	3.54	0.00032	-26.16	2.12	0.00031
-28.28	0.00	0.00029	-31.82	-3.54	0.00027
-35.36	-7.07	0.00025	-42.43	-14.14	0.00021
-49.50	-21.21	0.00018	-56.57	-28.28	0.00016
-63.64	-35.36	0.00014	-70.71	-42.43	0.00012
-77.78	-49.50	0.00011	-84.85	-56.57	0.00009

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

20:01:50
 **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	0.00068	56.57	70.71	0.00070
49.50	63.64	0.00071	42.43	56.57	0.00071
35.36	49.50	0.00071	28.28	42.43	0.00070
21.21	35.36	0.00068	14.14	28.28	0.00064
10.61	24.75	0.00061	7.07	21.21	0.00058
4.95	19.09	0.00056	3.54	17.68	0.00055
2.12	16.26	0.00053	0.71	14.85	0.00052

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00050	-13.44	0.71	0.00038
-14.85	-0.71	0.00037	-16.26	-2.12	0.00036
-17.68	-3.54	0.00034	-19.09	-4.95	0.00033
-21.21	-7.07	0.00032	-24.75	-10.61	0.00029
-28.28	-14.14	0.00027	-35.36	-21.21	0.00023
-42.43	-28.28	0.00020	-49.50	-35.36	0.00017
-56.57	-42.43	0.00015	-63.64	-49.50	0.00013
-70.71	-56.57	0.00011	-77.78	-63.64	0.00009
70.71	70.71	0.00074	63.64	63.64	0.00077
56.57	56.57	0.00078	49.50	49.50	0.00079
42.43	42.43	0.00079	35.36	35.36	0.00078
28.28	28.28	0.00076	21.21	21.21	0.00072
17.68	17.68	0.00069	14.14	14.14	0.00065
12.02	12.02	0.00063	10.61	10.61	0.00061
9.19	9.19	0.00060	7.78	7.78	0.00058
6.36	6.36	0.00056	-6.36	-6.36	0.00042
-7.78	-7.78	0.00040	-9.19	-9.19	0.00039
-10.61	-10.61	0.00038	-12.02	-12.02	0.00036
-14.14	-14.14	0.00034	-17.68	-17.68	0.00031
-21.21	-21.21	0.00029	-28.28	-28.28	0.00024
-35.36	-35.36	0.00021	-42.43	-42.43	0.00018
-49.50	-49.50	0.00015	-56.57	-56.57	0.00013
-63.64	-63.64	0.00011	-70.71	-70.71	0.00010
77.78	63.64	0.00080	70.71	56.57	0.00084
63.64	49.50	0.00086	56.57	42.43	0.00088
49.50	35.36	0.00088	42.43	28.28	0.00088
35.36	21.21	0.00085	28.28	14.14	0.00081
24.75	10.61	0.00078	21.21	7.07	0.00074
19.09	4.95	0.00071	17.68	3.54	0.00069
16.26	2.12	0.00067	14.85	0.71	0.00065
13.44	-0.71	0.00063	0.71	-13.44	0.00046
-0.71	-14.85	0.00044	-2.12	-16.26	0.00043
-3.54	-17.68	0.00041	-4.95	-19.09	0.00040

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

20:01:50
 **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	0.00037	-10.61	-24.75	0.00034

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00031	-21.21	-35.36	0.00026
-28.28	-42.43	0.00022	-35.36	-49.50	0.00019
-42.43	-56.57	0.00016	-49.50	-63.64	0.00013
-56.57	-70.71	0.00011	-63.64	-77.78	0.00010
84.85	56.57	0.00087	77.78	49.50	0.00092
70.71	42.43	0.00096	63.64	35.36	0.00098
56.57	28.28	0.00099	49.50	21.21	0.00099
42.43	14.14	0.00097	35.36	7.07	0.00092
31.82	3.54	0.00089	28.28	0.00	0.00084
26.16	-2.12	0.00081	24.75	-3.54	0.00079
23.33	-4.95	0.00077	21.92	-6.36	0.00074
20.51	-7.78	0.00072	7.78	-20.51	0.00051
6.36	-21.92	0.00049	4.95	-23.33	0.00047
3.54	-24.75	0.00045	2.12	-26.16	0.00043
0.00	-28.28	0.00041	-3.54	-31.82	0.00037
-7.07	-35.36	0.00033	-14.14	-42.43	0.00028
-21.21	-49.50	0.00023	-28.28	-56.57	0.00019
-35.36	-63.64	0.00016	-42.43	-70.71	0.00014
-49.50	-77.78	0.00012	-56.57	-84.85	0.00010
91.92	49.50	0.00094	84.85	42.43	0.00100
77.78	35.36	0.00106	70.71	28.28	0.00110
63.64	21.21	0.00112	56.57	14.14	0.00112
49.50	7.07	0.00110	42.43	0.00	0.00106
38.89	-3.54	0.00102	35.36	-7.07	0.00097
33.23	-9.19	0.00093	31.82	-10.61	0.00091
30.41	-12.02	0.00088	28.99	-13.44	0.00085
27.58	-14.85	0.00082	14.85	-27.58	0.00057
13.44	-28.99	0.00054	12.02	-30.41	0.00052
10.61	-31.82	0.00050	9.19	-33.23	0.00048
7.07	-35.36	0.00045	3.54	-38.89	0.00040
0.00	-42.43	0.00036	-7.07	-49.50	0.00030
-14.14	-56.57	0.00024	-21.21	-63.64	0.00020
-28.28	-70.71	0.00017	-35.36	-77.78	0.00014
-42.43	-84.85	0.00012	-49.50	-91.92	0.00011
98.99	42.43	0.00100	91.92	35.36	0.00109
84.85	28.28	0.00116	77.78	21.21	0.00123
70.71	14.14	0.00127	63.64	7.07	0.00128
56.57	0.00	0.00127	49.50	-7.07	0.00122
45.96	-10.61	0.00118	42.43	-14.14	0.00112

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**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	0.00108	38.89	-17.68	0.00105
37.48	-19.09	0.00102	36.06	-20.51	0.00099
34.65	-21.92	0.00095	21.92	-34.65	0.00064
20.51	-36.06	0.00061	19.09	-37.48	0.00058
17.68	-38.89	0.00055	16.26	-40.31	0.00053
14.14	-42.43	0.00049	10.61	-45.96	0.00044
7.07	-49.50	0.00039	0.00	-56.57	0.00032
-7.07	-63.64	0.00026	-14.14	-70.71	0.00021
-21.21	-77.78	0.00017	-28.28	-84.85	0.00015
-35.36	-91.92	0.00013	-42.43	-98.99	0.00011
106.07	35.36	0.00107	98.99	28.28	0.00117
91.92	21.21	0.00128	84.85	14.14	0.00137
77.78	7.07	0.00143	70.71	0.00	0.00147
63.64	-7.07	0.00147	56.57	-14.14	0.00143
53.03	-17.68	0.00138	49.50	-21.21	0.00132
47.38	-23.33	0.00127	45.96	-24.75	0.00124
44.55	-26.16	0.00120	43.13	-27.58	0.00115
41.72	-28.99	0.00111	28.99	-41.72	0.00072
27.58	-43.13	0.00068	26.16	-44.55	0.00065
24.75	-45.96	0.00061	23.33	-47.38	0.00058
21.21	-49.50	0.00054	17.68	-53.03	0.00048
14.14	-56.57	0.00042	7.07	-63.64	0.00034
0.00	-70.71	0.00027	-7.07	-77.78	0.00022
-14.14	-84.85	0.00018	-21.21	-91.92	0.00015
-28.28	-98.99	0.00013	-35.36	-106.07	0.00012
113.14	28.28	0.00112	106.07	21.21	0.00126
98.99	14.14	0.00139	91.92	7.07	0.00152
84.85	0.00	0.00163	77.78	-7.07	0.00170
70.71	-14.14	0.00172	63.64	-21.21	0.00168
60.10	-24.75	0.00164	56.57	-28.28	0.00157
54.45	-30.41	0.00151	53.03	-31.82	0.00147
51.62	-33.23	0.00142	50.20	-34.65	0.00137
48.79	-36.06	0.00132	36.06	-48.79	0.00082
34.65	-50.20	0.00077	33.23	-51.62	0.00073
31.82	-53.03	0.00068	30.41	-54.45	0.00065
28.28	-56.57	0.00060	24.75	-60.10	0.00052
21.21	-63.64	0.00046	14.14	-70.71	0.00036
7.07	-77.78	0.00028	0.00	-84.85	0.00023
-7.07	-91.92	0.00019	-14.14	-98.99	0.00016

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00014 -28.28 -113.14 0.00012

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

20:01:50

**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	0.00150	98.99	0.00	0.00167
91.92	-7.07	0.00183	84.85	-14.14	0.00196
77.78	-21.21	0.00202	70.71	-28.28	0.00200
67.18	-31.82	0.00196	63.64	-35.36	0.00189
61.52	-37.48	0.00182	60.10	-38.89	0.00177
58.69	-40.31	0.00172	57.28	-41.72	0.00165
55.86	-43.13	0.00158	43.13	-55.86	0.00093
41.72	-57.28	0.00087	40.31	-58.69	0.00082
38.89	-60.10	0.00077	37.48	-61.52	0.00072
35.36	-63.64	0.00066	31.82	-67.18	0.00057
28.28	-70.71	0.00049	21.21	-77.78	0.00038
14.14	-84.85	0.00029	7.07	-91.92	0.00024
0.00	-98.99	0.00020	-7.07	-106.07	0.00017
-14.14	-113.14	0.00015	-21.21	-120.21	0.00013
127.28	14.14	0.00122	120.21	7.07	0.00140
113.14	0.00	0.00160	106.07	-7.07	0.00182
98.99	-14.14	0.00205	91.92	-21.21	0.00225
84.85	-28.28	0.00238	77.78	-35.36	0.00241
74.25	-38.89	0.00238	70.71	-42.43	0.00230
68.59	-44.55	0.00223	67.18	-45.96	0.00217
65.76	-47.38	0.00211	64.35	-48.79	0.00203
62.93	-50.20	0.00194	50.20	-62.93	0.00106
48.79	-64.35	0.00099	47.38	-65.76	0.00092
45.96	-67.18	0.00086	44.55	-68.59	0.00080
42.43	-70.71	0.00072	38.89	-74.25	0.00062
35.36	-77.78	0.00053	28.28	-84.85	0.00040
21.21	-91.92	0.00031	14.14	-98.99	0.00025
7.07	-106.07	0.00021	0.00	-113.14	0.00018
-7.07	-120.21	0.00016	-14.14	-127.28	0.00014
134.35	7.07	0.00125	127.28	0.00	0.00145
120.21	-7.07	0.00169	113.14	-14.14	0.00196
106.07	-21.21	0.00225	98.99	-28.28	0.00255

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00280	84.85	-42.43	0.00293
81.32	-45.96	0.00292	77.78	-49.50	0.00285
75.66	-51.62	0.00278	74.25	-53.03	0.00271
72.83	-54.45	0.00263	71.42	-55.86	0.00254
70.00	-57.28	0.00242	57.28	-70.00	0.00122
55.86	-71.42	0.00112	54.45	-72.83	0.00103
53.03	-74.25	0.00095	51.62	-75.66	0.00088

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

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

20:01:50

**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	0.00066
42.43	-84.85	0.00056	35.36	-91.92	0.00041
28.28	-98.99	0.00032	21.21	-106.07	0.00026
14.14	-113.14	0.00022	7.07	-120.21	0.00019
0.00	-127.28	0.00017	-7.07	-134.35	0.00015
141.42	0.00	0.00128	134.35	-7.07	0.00150
127.28	-14.14	0.00176	120.21	-21.21	0.00208
113.14	-28.28	0.00244	106.07	-35.36	0.00285
98.99	-42.43	0.00325	91.92	-49.50	0.00356
88.39	-53.03	0.00362	84.85	-56.57	0.00359
82.73	-58.69	0.00352	81.32	-60.10	0.00345
79.90	-61.52	0.00336	78.49	-62.93	0.00324
77.07	-64.35	0.00310	64.35	-77.07	0.00139
62.93	-78.49	0.00126	61.52	-79.90	0.00115
60.10	-81.32	0.00105	58.69	-82.73	0.00096
56.57	-84.85	0.00085	53.03	-88.39	0.00070
49.50	-91.92	0.00059	42.43	-98.99	0.00044
35.36	-106.07	0.00034	28.28	-113.14	0.00028
21.21	-120.21	0.00024	14.14	-127.28	0.00021
7.07	-134.35	0.00019	0.00	-141.42	0.00016
148.49	-7.07	0.00130	141.42	-14.14	0.00154
134.35	-21.21	0.00182	127.28	-28.28	0.00217
120.21	-35.36	0.00260	113.14	-42.43	0.00310
106.07	-49.50	0.00367	98.99	-56.57	0.00424
95.46	-60.10	0.00445	91.92	-63.64	0.00455
89.80	-65.76	0.00452	88.39	-67.18	0.00447
86.97	-68.59	0.00437	85.56	-70.00	0.00424

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00407	71.42	-84.15	0.00157
70.00	-85.56	0.00140	68.59	-86.97	0.00126
67.18	-88.39	0.00113	65.76	-89.80	0.00103
63.64	-91.92	0.00090	60.10	-95.46	0.00073
56.57	-98.99	0.00062	49.50	-106.07	0.00046
42.43	-113.14	0.00037	35.36	-120.21	0.00031
28.28	-127.28	0.00026	21.21	-134.35	0.00023
14.14	-141.42	0.00020	7.07	-148.49	0.00018
155.56	-14.14	0.00133	148.49	-21.21	0.00157
141.42	-28.28	0.00187	134.35	-35.36	0.00226
127.28	-42.43	0.00274	120.21	-49.50	0.00333
113.14	-56.57	0.00404	106.07	-63.64	0.00485
102.53	-67.18	0.00528	98.99	-70.71	0.00564

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

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

20:01:50

**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	0.00578	95.46	-74.25	0.00582
94.05	-75.66	0.00579	92.63	-77.07	0.00570
91.22	-78.49	0.00552	78.49	-91.22	0.00172
77.07	-92.63	0.00150	75.66	-94.05	0.00133
74.25	-95.46	0.00119	72.83	-96.87	0.00108
70.71	-98.99	0.00094	67.18	-102.53	0.00077
63.64	-106.07	0.00065	56.57	-113.14	0.00050
49.50	-120.21	0.00040	42.43	-127.28	0.00033
35.36	-134.35	0.00028	28.28	-141.42	0.00024
21.21	-148.49	0.00021	14.14	-155.56	0.00019
162.63	-21.21	0.00135	155.56	-28.28	0.00160
148.49	-35.36	0.00192	141.42	-42.43	0.00233
134.35	-49.50	0.00286	127.28	-56.57	0.00353
120.21	-63.64	0.00437	113.14	-70.71	0.00540
109.60	-74.25	0.00598	106.07	-77.78	0.00659
103.94	-79.90	0.00694	102.53	-81.32	0.00715
101.12	-82.73	0.00735	99.70	-84.15	0.00751
98.29	-85.56	0.00757	85.56	-98.29	0.00182
84.15	-99.70	0.00158	82.73	-101.12	0.00140
81.32	-102.53	0.00125	79.90	-103.94	0.00113
77.78	-106.07	0.00099	74.25	-109.60	0.00082

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00070	63.64	-120.21	0.00053
56.57	-127.28	0.00043	49.50	-134.35	0.00036
42.43	-141.42	0.00031	35.36	-148.49	0.00026
28.28	-155.56	0.00023	21.21	-162.63	0.00020
169.71	-28.28	0.00136	162.63	-35.36	0.00162
155.56	-42.43	0.00195	148.49	-49.50	0.00238
141.42	-56.57	0.00295	134.35	-63.64	0.00370
127.28	-70.71	0.00465	120.21	-77.78	0.00587
116.67	-81.32	0.00659	113.14	-84.85	0.00737
111.02	-86.97	0.00785	109.60	-88.39	0.00817
108.19	-89.80	0.00849	106.77	-91.22	0.00886
105.36	-92.63	0.00922	92.63	-105.36	0.00200
91.22	-106.77	0.00172	89.80	-108.19	0.00151
88.39	-109.60	0.00135	86.97	-111.02	0.00122
84.85	-113.14	0.00107	81.32	-116.67	0.00089
77.78	-120.21	0.00076	70.71	-127.28	0.00058
63.64	-134.35	0.00047	56.57	-141.42	0.00039
49.50	-148.49	0.00033	42.43	-155.56	0.00029
35.36	-162.63	0.00025	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 ***

20:01:50
 **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	0.00162
162.63	-49.50	0.00195	155.56	-56.57	0.00239
148.49	-63.64	0.00297	141.42	-70.71	0.00375
134.35	-77.78	0.00478	127.28	-84.85	0.00609
123.74	-88.39	0.00687	120.21	-91.92	0.00773
118.09	-94.05	0.00827	116.67	-95.46	0.00862
115.26	-96.87	0.00898	113.84	-98.29	0.00937
112.43	-99.70	0.00981	99.70	-112.43	0.00240
98.29	-113.84	0.00201	96.87	-115.26	0.00173
95.46	-116.67	0.00152	94.05	-118.09	0.00136
91.92	-120.21	0.00118	88.39	-123.74	0.00098
84.85	-127.28	0.00083	77.78	-134.35	0.00065
70.71	-141.42	0.00052	63.64	-148.49	0.00044
56.57	-155.56	0.00037	49.50	-162.63	0.00031
42.43	-169.71	0.00027	35.36	-176.78	0.00023

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00136	176.78	-49.50	0.00161
169.71	-56.57	0.00193	162.63	-63.64	0.00235
155.56	-70.71	0.00292	148.49	-77.78	0.00369
141.42	-84.85	0.00473	134.35	-91.92	0.00610
130.81	-95.46	0.00691	127.28	-98.99	0.00781
125.16	-101.12	0.00840	123.74	-102.53	0.00881
122.33	-103.94	0.00921	120.92	-105.36	0.00963
119.50	-106.77	0.01012	106.77	-119.50	0.00283
105.36	-120.92	0.00239	103.94	-122.33	0.00206
102.53	-123.74	0.00181	101.12	-125.16	0.00160
98.99	-127.28	0.00137	95.46	-130.81	0.00110
91.92	-134.35	0.00092	84.85	-141.42	0.00071
77.78	-148.49	0.00058	70.71	-155.56	0.00048
63.64	-162.63	0.00040	56.57	-169.71	0.00034
49.50	-176.78	0.00029	42.43	-183.85	0.00025
190.92	-49.50	0.00133	183.85	-56.57	0.00157
176.78	-63.64	0.00187	169.71	-70.71	0.00227
162.63	-77.78	0.00280	155.56	-84.85	0.00353
148.49	-91.92	0.00454	141.42	-98.99	0.00592
137.89	-102.53	0.00677	134.35	-106.07	0.00773
132.23	-108.19	0.00835	130.81	-109.60	0.00879
129.40	-111.02	0.00923	127.99	-112.43	0.00968
126.57	-113.84	0.01020	113.84	-126.57	0.00316
112.43	-127.99	0.00270	111.02	-129.40	0.00235
109.60	-130.81	0.00208	108.19	-132.23	0.00186

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

20:01:50
 **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	0.00160	102.53	-137.89	0.00127
98.99	-141.42	0.00105	91.92	-148.49	0.00079
84.85	-155.56	0.00063	77.78	-162.63	0.00051
70.71	-169.71	0.00043	63.64	-176.78	0.00036
56.57	-183.85	0.00031	49.50	-190.92	0.00026
197.99	-56.57	0.00130	190.92	-63.64	0.00152
183.85	-70.71	0.00180	176.78	-77.78	0.00216
169.71	-84.85	0.00265	162.63	-91.92	0.00331
155.56	-98.99	0.00423	148.49	-106.07	0.00558

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00645	141.42	-113.14	0.00744
139.30	-115.26	0.00808	137.89	-116.67	0.00854
136.47	-118.09	0.00901	135.06	-119.50	0.00950
133.64	-120.92	0.01004	120.92	-133.64	0.00339
119.50	-135.06	0.00293	118.09	-136.47	0.00258
116.67	-137.89	0.00230	115.26	-139.30	0.00207
113.14	-141.42	0.00180	109.60	-144.96	0.00146
106.07	-148.49	0.00121	98.99	-155.56	0.00088
91.92	-162.63	0.00068	84.85	-169.71	0.00055
77.78	-176.78	0.00045	70.71	-183.85	0.00038
63.64	-190.92	0.00032	56.57	-197.99	0.00027
205.06	-63.64	0.00125	197.99	-70.71	0.00145
190.92	-77.78	0.00171	183.85	-84.85	0.00204
176.78	-91.92	0.00247	169.71	-98.99	0.00304
162.63	-106.07	0.00386	155.56	-113.14	0.00509
152.03	-116.67	0.00591	148.49	-120.21	0.00689
146.37	-122.33	0.00755	144.96	-123.74	0.00801
143.54	-125.16	0.00851	142.13	-126.57	0.00903
140.71	-127.99	0.00961	127.99	-140.71	0.00352
126.57	-142.13	0.00308	125.16	-143.54	0.00274
123.74	-144.96	0.00246	122.33	-146.37	0.00224
120.21	-148.49	0.00196	116.67	-152.03	0.00162
113.14	-155.56	0.00136	106.07	-162.63	0.00099
98.99	-169.71	0.00074	91.92	-176.78	0.00058
84.85	-183.85	0.00047	77.78	-190.92	0.00039
70.71	-197.99	0.00033	63.64	-205.06	0.00028
212.13	-70.71	0.00118	205.06	-77.78	0.00137
197.99	-84.85	0.00161	190.92	-91.92	0.00190
183.85	-98.99	0.00228	176.78	-106.07	0.00278
169.71	-113.14	0.00347	162.63	-120.21	0.00447
159.10	-123.74	0.00516	155.56	-127.28	0.00604

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

20:01:50
 **MODELOPTs:
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00667	152.03	-130.81	0.00713
150.61	-132.23	0.00764	149.20	-133.64	0.00819
147.79	-135.06	0.00881	135.06	-147.79	0.00357

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00316	132.23	-150.61	0.00285
130.81	-152.03	0.00259	129.40	-153.44	0.00238
127.28	-155.56	0.00210	123.74	-159.10	0.00175
120.21	-162.63	0.00148	113.14	-169.71	0.00108
106.07	-176.78	0.00081	98.99	-183.85	0.00062
91.92	-190.92	0.00050	84.85	-197.99	0.00041
77.78	-205.06	0.00034	70.71	-212.13	0.00029
219.20	-77.78	0.00111	212.13	-84.85	0.00128
205.06	-91.92	0.00148	197.99	-98.99	0.00174
190.92	-106.07	0.00207	183.85	-113.14	0.00251
176.78	-120.21	0.00308	169.71	-127.28	0.00385
166.17	-130.81	0.00435	162.63	-134.35	0.00500
160.51	-136.47	0.00548	159.10	-137.89	0.00586
157.68	-139.30	0.00631	156.27	-140.71	0.00683
154.86	-142.13	0.00746	142.13	-154.86	0.00359
140.71	-156.27	0.00322	139.30	-157.68	0.00294
137.89	-159.10	0.00270	136.47	-160.51	0.00248
134.35	-162.63	0.00221	130.81	-166.17	0.00185
127.28	-169.71	0.00157	120.21	-176.78	0.00116
113.14	-183.85	0.00087	106.07	-190.92	0.00066
98.99	-197.99	0.00052	91.92	-205.06	0.00042
84.85	-212.13	0.00035	77.78	-219.20	0.00030
226.27	-84.85	0.00102	219.20	-91.92	0.00116
212.13	-98.99	0.00134	205.06	-106.07	0.00156
197.99	-113.14	0.00185	190.92	-120.21	0.00221
183.85	-127.28	0.00267	176.78	-134.35	0.00324
173.24	-137.89	0.00360	169.71	-141.42	0.00401
167.58	-143.54	0.00430	166.17	-144.96	0.00452
164.76	-146.37	0.00478	163.34	-147.79	0.00508
161.93	-149.20	0.00548	149.20	-161.93	0.00360
147.79	-163.34	0.00326	146.37	-164.76	0.00298
144.96	-166.17	0.00275	143.54	-167.58	0.00254
141.42	-169.71	0.00227	137.89	-173.24	0.00191
134.35	-176.78	0.00162	127.28	-183.85	0.00121
120.21	-190.92	0.00091	113.14	-197.99	0.00070
106.07	-205.06	0.00055	98.99	-212.13	0.00044
91.92	-219.20	0.00036	84.85	-226.27	0.00030

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

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

20:01:50

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00138
205.06	-120.21	0.00162	197.99	-127.28	0.00190
190.92	-134.35	0.00224	183.85	-141.42	0.00264
180.31	-144.96	0.00287	176.78	-148.49	0.00313
174.66	-150.61	0.00329	173.24	-152.03	0.00341
171.83	-153.44	0.00354	170.41	-154.86	0.00369
169.00	-156.27	0.00385	156.27	-169.00	0.00347
154.86	-170.41	0.00318	153.44	-171.83	0.00294
152.03	-173.24	0.00272	150.61	-174.66	0.00253
148.49	-176.78	0.00228	144.96	-180.31	0.00192
141.42	-183.85	0.00164	134.35	-190.92	0.00123
127.28	-197.99	0.00094	120.21	-205.06	0.00073
113.14	-212.13	0.00057	106.07	-219.20	0.00045
98.99	-226.27	0.00037	91.92	-233.35	0.00031
240.42	-98.99	0.00083	233.35	-106.07	0.00094
226.27	-113.14	0.00106	219.20	-120.21	0.00122
212.13	-127.28	0.00141	205.06	-134.35	0.00164
197.99	-141.42	0.00190	190.92	-148.49	0.00221
187.38	-152.03	0.00239	183.85	-155.56	0.00258
181.73	-157.68	0.00272	180.31	-159.10	0.00282
178.90	-160.51	0.00292	177.48	-161.93	0.00302
176.07	-163.34	0.00312	163.34	-176.07	0.00305
161.93	-177.48	0.00290	160.51	-178.90	0.00275
159.10	-180.31	0.00259	157.68	-181.73	0.00244
155.56	-183.85	0.00221	152.03	-187.38	0.00190
148.49	-190.92	0.00163	141.42	-197.99	0.00123
134.35	-205.06	0.00095	127.28	-212.13	0.00074
120.21	-219.20	0.00058	113.14	-226.27	0.00046
106.07	-233.35	0.00038	98.99	-240.42	0.00031
247.49	-106.07	0.00075	240.42	-113.14	0.00084
233.35	-120.21	0.00095	226.27	-127.28	0.00109
219.20	-134.35	0.00124	212.13	-141.42	0.00143
205.06	-148.49	0.00165	197.99	-155.56	0.00190
194.45	-159.10	0.00205	190.92	-162.63	0.00222
188.80	-164.76	0.00232	187.38	-166.17	0.00238
185.97	-167.58	0.00245	184.55	-169.00	0.00251
183.14	-170.41	0.00258	170.41	-183.14	0.00259
169.00	-184.55	0.00250	167.58	-185.97	0.00240
166.17	-187.38	0.00230	164.76	-188.80	0.00220

04/18/08

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

20:01:50

**MODELOPTs:

PAGE 42

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00205	159.10	-194.45	0.00181
155.56	-197.99	0.00158	148.49	-205.06	0.00121
141.42	-212.13	0.00094	134.35	-219.20	0.00074
127.28	-226.27	0.00059	120.21	-233.35	0.00047
113.14	-240.42	0.00038	106.07	-247.49	0.00032

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00024	-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	0.00018
-159.10	194.45	0.00018	-162.63	190.92	0.00017
-164.76	188.80	0.00017	-166.17	187.38	0.00017
-167.58	185.97	0.00016	-169.00	184.55	0.00016
-170.41	183.14	0.00016	-183.14	170.41	0.00014
-184.55	169.00	0.00013	-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	0.00009
-226.27	127.28	0.00008	-233.35	120.21	0.00007
-240.42	113.14	0.00007	-247.49	106.07	0.00006
-98.99	240.42	0.00025	-106.07	233.35	0.00025
-113.14	226.27	0.00024	-120.21	219.20	0.00024
-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	0.00019	-155.56	183.85	0.00018

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00018	-159.10	180.31	0.00018
-160.51	178.90	0.00017	-161.93	177.48	0.00017
-163.34	176.07	0.00017	-176.07	163.34	0.00014
-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	0.00012	-197.99	141.42	0.00011
-205.06	134.35	0.00010	-212.13	127.28	0.00009
-219.20	120.21	0.00008	-226.27	113.14	0.00008
-233.35	106.07	0.00007	-240.42	98.99	0.00006
-91.92	233.35	0.00026	-98.99	226.27	0.00026
-106.07	219.20	0.00026	-113.14	212.13	0.00025
-120.21	205.06	0.00025	-127.28	197.99	0.00024
-134.35	190.92	0.00022	-141.42	183.85	0.00021
-144.96	180.31	0.00020	-148.49	176.78	0.00019
-150.61	174.66	0.00019	-152.03	173.24	0.00019
-153.44	171.83	0.00018	-154.86	170.41	0.00018
-156.27	169.00	0.00018	-169.00	156.27	0.00015
-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 ***

20:01:50
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-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	0.00009	-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	0.00028	-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	0.00022
-137.89	173.24	0.00022	-141.42	169.71	0.00021
-143.54	167.58	0.00020	-144.96	166.17	0.00020
-146.37	164.76	0.00020	-147.79	163.34	0.00019
-149.20	161.93	0.00019	-161.93	149.20	0.00016
-163.34	147.79	0.00016	-164.76	146.37	0.00015

14NCRA_SR04-300_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	0.00014
-176.78	134.35	0.00013	-183.85	127.28	0.00012
-190.92	120.21	0.00011	-197.99	113.14	0.00010
-205.06	106.07	0.00009	-212.13	99.00	0.00008
-219.20	91.92	0.00007	-226.27	84.85	0.00007
-77.78	219.20	0.00030	-84.85	212.13	0.00030
-91.92	205.06	0.00030	-98.99	197.99	0.00029
-106.07	190.92	0.00028	-113.14	183.85	0.00027
-120.21	176.78	0.00026	-127.28	169.71	0.00024
-130.81	166.17	0.00023	-134.35	162.63	0.00022
-136.47	160.51	0.00022	-137.89	159.10	0.00021
-139.30	157.68	0.00021	-140.71	156.27	0.00021
-142.13	154.86	0.00020	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00016
-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	0.00014	-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	0.00008
-212.13	84.85	0.00008	-219.20	77.78	0.00007
-70.71	212.13	0.00032	-77.78	205.06	0.00032
-84.85	197.99	0.00032	-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	0.00026
-123.74	159.10	0.00025	-127.28	155.56	0.00024

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

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

20:01:50

**MODELOPTS:

PAGE 45

CONC

URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00023	-130.81	152.03	0.00023
-132.23	150.61	0.00022	-133.64	149.20	0.00022
-135.06	147.79	0.00022	-147.79	135.06	0.00018
-149.20	133.64	0.00018	-150.61	132.23	0.00017
-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	0.00013
-176.78	106.07	0.00012	-183.85	98.99	0.00011

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00010	-197.99	84.85	0.00009
-205.06	77.78	0.00008	-212.13	70.71	0.00007
-63.64	205.06	0.00034	-70.71	197.99	0.00034
-77.78	190.92	0.00034	-84.85	183.85	0.00033
-91.92	176.78	0.00033	-98.99	169.71	0.00031
-106.07	162.63	0.00030	-113.14	155.56	0.00028
-116.67	152.03	0.00027	-120.21	148.49	0.00026
-122.33	146.37	0.00025	-123.74	144.96	0.00024
-125.16	143.54	0.00024	-126.57	142.13	0.00024
-127.99	140.71	0.00023	-140.71	127.99	0.00019
-142.13	126.57	0.00019	-143.54	125.16	0.00018
-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	0.00014
-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	0.00008	-205.06	63.64	0.00007
-56.57	197.99	0.00037	-63.64	190.92	0.00037
-70.71	183.85	0.00036	-77.78	176.78	0.00036
-84.85	169.71	0.00035	-91.92	162.63	0.00034
-98.99	155.56	0.00032	-106.07	148.49	0.00030
-109.60	144.96	0.00029	-113.14	141.42	0.00028
-115.26	139.30	0.00027	-116.67	137.89	0.00026
-118.09	136.47	0.00026	-119.50	135.06	0.00025
-120.92	133.64	0.00025	-133.64	120.92	0.00020
-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	0.00016	-155.56	98.99	0.00014
-162.63	91.92	0.00013	-169.71	84.85	0.00012
-176.78	77.78	0.00010	-183.85	70.71	0.00009
-190.92	63.64	0.00009	-197.99	56.57	0.00008

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

20:01:50
 **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	0.00039

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00038	-84.85	155.56	0.00037
-91.92	148.49	0.00035	-98.99	141.42	0.00033
-102.53	137.89	0.00031	-106.07	134.35	0.00030
-108.19	132.23	0.00029	-109.60	130.81	0.00028
-111.02	129.40	0.00028	-112.43	127.99	0.00027
-113.84	126.57	0.00027	-126.57	113.84	0.00022
-127.99	112.43	0.00021	-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	0.00017	-148.49	91.92	0.00015
-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	0.00009	-190.92	49.50	0.00008
-42.43	183.85	0.00042	-49.50	176.78	0.00042
-56.57	169.71	0.00042	-63.64	162.63	0.00042
-70.71	155.56	0.00041	-77.78	148.49	0.00040
-84.85	141.42	0.00038	-91.92	134.35	0.00035
-95.46	130.81	0.00034	-98.99	127.28	0.00032
-101.12	125.16	0.00032	-102.53	123.74	0.00031
-103.94	122.33	0.00030	-105.36	120.92	0.00030
-106.77	119.50	0.00029	-119.50	106.77	0.00023
-120.92	105.36	0.00023	-122.33	103.94	0.00022
-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	0.00018	-141.42	84.85	0.00016
-148.49	77.78	0.00014	-155.56	70.71	0.00013
-162.63	63.64	0.00011	-169.71	56.57	0.00010
-176.78	49.50	0.00009	-183.85	42.43	0.00008
-35.36	176.78	0.00046	-42.43	169.71	0.00046
-49.50	162.63	0.00046	-56.57	155.56	0.00045
-63.64	148.49	0.00045	-70.71	141.42	0.00043
-77.78	134.35	0.00041	-84.85	127.28	0.00039
-88.39	123.74	0.00037	-91.92	120.21	0.00035
-94.05	118.09	0.00034	-95.46	116.67	0.00034
-96.87	115.26	0.00033	-98.29	113.84	0.00032
-99.70	112.43	0.00031	-112.43	99.70	0.00025
-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 ***

20:01:50
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00022	-123.74	88.39	0.00020
-127.28	84.85	0.00019	-134.35	77.78	0.00017
-141.42	70.71	0.00015	-148.49	63.64	0.00013
-155.56	56.57	0.00012	-162.63	49.50	0.00011
-169.71	42.43	0.00009	-176.78	35.36	0.00008
-28.28	169.71	0.00049	-35.36	162.63	0.00050
-42.43	155.56	0.00050	-49.50	148.49	0.00049
-56.57	141.42	0.00049	-63.64	134.35	0.00047
-70.71	127.28	0.00045	-77.78	120.21	0.00042
-81.32	116.67	0.00041	-84.85	113.14	0.00039
-86.97	111.02	0.00037	-88.39	109.60	0.00037
-89.80	108.19	0.00036	-91.22	106.77	0.00035
-92.63	105.36	0.00034	-105.36	92.63	0.00027
-106.77	91.22	0.00026	-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	0.00022
-120.21	77.78	0.00020	-127.28	70.71	0.00018
-134.35	63.64	0.00016	-141.42	56.57	0.00014
-148.49	49.50	0.00012	-155.56	42.43	0.00011
-162.63	35.36	0.00010	-169.71	28.28	0.00009
-21.21	162.63	0.00053	-28.28	155.56	0.00054
-35.36	148.49	0.00054	-42.43	141.42	0.00054
-49.50	134.35	0.00053	-56.57	127.28	0.00052
-63.64	120.21	0.00050	-70.71	113.14	0.00047
-74.25	109.60	0.00045	-77.78	106.07	0.00042
-79.90	103.94	0.00041	-81.32	102.53	0.00040
-82.73	101.12	0.00039	-84.15	99.70	0.00038
-85.56	98.29	0.00037	-98.29	85.56	0.00029
-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	0.00023
-113.14	70.71	0.00022	-120.21	63.64	0.00019
-127.28	56.57	0.00017	-134.35	49.50	0.00015
-141.42	42.43	0.00013	-148.49	35.36	0.00011
-155.56	28.28	0.00010	-162.63	21.21	0.00009
-14.14	155.56	0.00058	-21.21	148.49	0.00059
-28.28	141.42	0.00059	-35.36	134.35	0.00059
-42.43	127.28	0.00058	-49.50	120.21	0.00057
-56.57	113.14	0.00055	-63.64	106.07	0.00051
-67.18	102.53	0.00049	-70.71	98.99	0.00047

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

*** NCRA Cumulative DPM Impacts

20:01:50

**MODELOPTS:

PAGE 48

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00045	-74.25	95.46	0.00044
-75.66	94.05	0.00043	-77.07	92.63	0.00042
-78.49	91.22	0.00041	-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	0.00027	-102.53	67.18	0.00025
-106.07	63.64	0.00023	-113.14	56.57	0.00020
-120.21	49.50	0.00017	-127.28	42.43	0.00015
-134.35	35.36	0.00013	-141.42	28.28	0.00012
-148.49	21.21	0.00010	-155.56	14.14	0.00009
-7.07	148.49	0.00063	-14.14	141.42	0.00064
-21.21	134.35	0.00065	-28.28	127.28	0.00065
-35.36	120.21	0.00064	-42.43	113.14	0.00063
-49.50	106.07	0.00061	-56.57	98.99	0.00057
-60.10	95.46	0.00055	-63.64	91.92	0.00052
-65.76	89.80	0.00050	-67.18	88.39	0.00049
-68.59	86.97	0.00048	-70.00	85.56	0.00047
-71.42	84.15	0.00045	-84.15	71.42	0.00035
-85.56	70.00	0.00034	-86.97	68.59	0.00033
-88.39	67.18	0.00032	-89.80	65.76	0.00031
-91.92	63.64	0.00029	-95.46	60.10	0.00027
-98.99	56.57	0.00025	-106.07	49.50	0.00021
-113.14	42.43	0.00018	-120.21	35.36	0.00016
-127.28	28.28	0.00014	-134.35	21.21	0.00012
-141.42	14.14	0.00011	-148.49	7.07	0.00009
0.00	141.42	0.00068	-7.07	134.35	0.00070
-14.14	127.28	0.00071	-21.21	120.21	0.00071
-28.28	113.14	0.00071	-35.36	106.07	0.00070
-42.43	98.99	0.00068	-49.50	91.92	0.00064
-53.03	88.39	0.00061	-56.57	84.85	0.00058
-58.69	82.73	0.00056	-60.10	81.32	0.00055
-61.52	79.90	0.00053	-62.93	78.49	0.00052
-64.35	77.07	0.00050	-77.07	64.35	0.00038
-78.49	62.93	0.00037	-79.90	61.52	0.00036

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00034	-82.73	58.69	0.00033
-84.85	56.57	0.00032	-88.39	53.03	0.00029
-91.92	49.50	0.00027	-98.99	42.43	0.00023
-106.07	35.36	0.00020	-113.14	28.28	0.00017
-120.21	21.21	0.00015	-127.28	14.14	0.00013
-134.35	7.07	0.00011	-141.42	0.00	0.00009

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

20:01:50
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00074	0.00	127.28	0.00077
-7.07	120.21	0.00078	-14.14	113.14	0.00079
-21.21	106.07	0.00079	-28.28	98.99	0.00078
-35.36	91.92	0.00076	-42.43	84.85	0.00072
-45.96	81.32	0.00069	-49.50	77.78	0.00065
-51.62	75.66	0.00063	-53.03	74.25	0.00061
-54.45	72.83	0.00060	-55.86	71.42	0.00058
-57.28	70.00	0.00056	-70.00	57.28	0.00042
-71.42	55.86	0.00040	-72.83	54.45	0.00039
-74.25	53.03	0.00038	-75.66	51.62	0.00036
-77.78	49.50	0.00034	-81.32	45.96	0.00031
-84.85	42.43	0.00029	-91.92	35.36	0.00024
-98.99	28.28	0.00021	-106.07	21.21	0.00018
-113.14	14.14	0.00015	-120.21	7.07	0.00013
-127.28	0.00	0.00011	-134.35	-7.07	0.00010
14.14	127.28	0.00080	7.07	120.21	0.00084
0.00	113.14	0.00086	-7.07	106.07	0.00088
-14.14	98.99	0.00088	-21.21	91.92	0.00088
-28.28	84.85	0.00085	-35.36	77.78	0.00081
-38.89	74.25	0.00078	-42.43	70.71	0.00074
-44.55	68.59	0.00071	-45.96	67.18	0.00069
-47.38	65.76	0.00067	-48.79	64.35	0.00065
-50.20	62.93	0.00063	-62.93	50.20	0.00046
-64.35	48.79	0.00044	-65.76	47.38	0.00043
-67.18	45.96	0.00041	-68.59	44.55	0.00040
-70.71	42.43	0.00037	-74.25	38.89	0.00034
-77.78	35.36	0.00031	-84.85	28.28	0.00026
-91.92	21.21	0.00022	-98.99	14.14	0.00019

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00016	-113.14	0.00	0.00013
-120.21	-7.07	0.00011	-127.28	-14.14	0.00010
21.21	120.21	0.00087	14.14	113.14	0.00092
7.07	106.07	0.00096	0.00	98.99	0.00098
-7.07	91.92	0.00099	-14.14	84.85	0.00099
-21.21	77.78	0.00097	-28.28	70.71	0.00092
-31.82	67.18	0.00089	-35.36	63.64	0.00084
-37.48	61.52	0.00081	-38.89	60.10	0.00079
-40.31	58.69	0.00077	-41.72	57.28	0.00074
-43.13	55.86	0.00072	-55.86	43.13	0.00051
-57.28	41.72	0.00049	-58.69	40.31	0.00047
-60.10	38.89	0.00045	-61.52	37.48	0.00043

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

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

20:01:50

**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	0.00041	-67.18	31.82	0.00037
-70.71	28.28	0.00033	-77.78	21.21	0.00028
-84.85	14.14	0.00023	-91.92	7.07	0.00019
-98.99	0.00	0.00016	-106.07	-7.07	0.00014
-113.14	-14.14	0.00012	-120.21	-21.21	0.00010
28.28	113.14	0.00094	21.21	106.07	0.00100
14.14	98.99	0.00106	7.07	91.92	0.00110
0.00	84.85	0.00112	-7.07	77.78	0.00112
-14.14	70.71	0.00110	-21.21	63.64	0.00106
-24.75	60.10	0.00102	-28.28	56.57	0.00097
-30.41	54.45	0.00093	-31.82	53.03	0.00091
-33.23	51.62	0.00088	-34.65	50.20	0.00085
-36.06	48.79	0.00082	-48.79	36.06	0.00057
-50.20	34.65	0.00054	-51.62	33.23	0.00052
-53.03	31.82	0.00050	-54.45	30.41	0.00048
-56.57	28.28	0.00045	-60.10	24.75	0.00040
-63.64	21.21	0.00036	-70.71	14.14	0.00030
-77.78	7.07	0.00024	-84.85	0.00	0.00020
-91.92	-7.07	0.00017	-98.99	-14.14	0.00014
-106.07	-21.21	0.00012	-113.14	-28.28	0.00011
35.36	106.07	0.00100	28.28	98.99	0.00109
21.21	91.92	0.00116	14.14	84.85	0.00123

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00127	0.00	70.71	0.00128
-7.07	63.64	0.00127	-14.14	56.57	0.00122
-17.68	53.03	0.00118	-21.21	49.50	0.00112
-23.33	47.38	0.00108	-24.75	45.96	0.00105
-26.16	44.55	0.00102	-27.58	43.13	0.00099
-28.99	41.72	0.00095	-41.72	28.99	0.00064
-43.13	27.58	0.00061	-44.55	26.16	0.00058
-45.96	24.75	0.00055	-47.38	23.33	0.00053
-49.50	21.21	0.00049	-53.03	17.68	0.00044
-56.57	14.14	0.00039	-63.64	7.07	0.00032
-70.71	0.00	0.00026	-77.78	-7.07	0.00021
-84.85	-14.14	0.00017	-91.92	-21.21	0.00015
-98.99	-28.28	0.00013	-106.07	-35.36	0.00011
42.43	98.99	0.00107	35.36	91.92	0.00117
28.28	84.85	0.00128	21.21	77.78	0.00137
14.14	70.71	0.00143	7.07	63.64	0.00147
0.00	56.57	0.00147	-7.07	49.50	0.00143
-10.61	45.96	0.00138	-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 ***

20:01:50
 **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	0.00127	-17.68	38.89	0.00124
-19.09	37.48	0.00120	-20.51	36.06	0.00115
-21.92	34.65	0.00111	-34.65	21.92	0.00072
-36.06	20.51	0.00068	-37.48	19.09	0.00065
-38.89	17.68	0.00061	-40.31	16.26	0.00058
-42.43	14.14	0.00054	-45.96	10.61	0.00048
-49.50	7.07	0.00042	-56.57	0.00	0.00034
-63.64	-7.07	0.00027	-70.71	-14.14	0.00022
-77.78	-21.21	0.00018	-84.85	-28.28	0.00015
-91.92	-35.36	0.00013	-98.99	-42.43	0.00012
49.50	91.92	0.00112	42.43	84.85	0.00126
35.36	77.78	0.00139	28.28	70.71	0.00152
21.21	63.64	0.00163	14.14	56.57	0.00170
7.07	49.50	0.00172	0.00	42.43	0.00168
-3.54	38.89	0.00164	-7.07	35.36	0.00157
-9.19	33.23	0.00151	-10.61	31.82	0.00147

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00142	-13.44	28.99	0.00137
-14.85	27.58	0.00132	-27.58	14.85	0.00082
-28.99	13.44	0.00077	-30.41	12.02	0.00073
-31.82	10.61	0.00068	-33.23	9.19	0.00065
-35.36	7.07	0.00060	-38.89	3.54	0.00052
-42.43	0.00	0.00046	-49.50	-7.07	0.00036
-56.57	-14.14	0.00028	-63.64	-21.21	0.00023
-70.71	-28.28	0.00019	-77.78	-35.36	0.00016
-84.85	-42.43	0.00014	-91.92	-49.50	0.00012
56.57	84.85	0.00118	49.50	77.78	0.00133
42.43	70.71	0.00150	35.36	63.64	0.00167
28.28	56.57	0.00183	21.21	49.50	0.00196
14.14	42.43	0.00202	7.07	35.36	0.00200
3.54	31.82	0.00196	0.00	28.28	0.00189
-2.12	26.16	0.00182	-3.54	24.75	0.00177
-4.95	23.33	0.00172	-6.36	21.92	0.00165
-7.78	20.51	0.00158	-20.51	7.78	0.00093
-21.92	6.36	0.00087	-23.33	4.95	0.00082
-24.75	3.54	0.00077	-26.16	2.12	0.00072
-28.28	0.00	0.00066	-31.82	-3.54	0.00057
-35.36	-7.07	0.00049	-42.43	-14.14	0.00038
-49.50	-21.21	0.00029	-56.57	-28.28	0.00024
-63.64	-35.36	0.00020	-70.71	-42.43	0.00017
-77.78	-49.50	0.00015	-84.85	-56.57	0.00013

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

20:01:50
 **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	0.00122	56.57	70.71	0.00140
49.50	63.64	0.00160	42.43	56.57	0.00182
35.36	49.50	0.00205	28.28	42.43	0.00225
21.21	35.36	0.00238	14.14	28.28	0.00241
10.61	24.75	0.00238	7.07	21.21	0.00230
4.95	19.09	0.00223	3.54	17.68	0.00217
2.12	16.26	0.00211	0.71	14.85	0.00203
-0.71	13.44	0.00194	-13.44	0.71	0.00106
-14.85	-0.71	0.00099	-16.26	-2.12	0.00092
-17.68	-3.54	0.00086	-19.09	-4.95	0.00080

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00072	-24.75	-10.61	0.00062
-28.28	-14.14	0.00053	-35.36	-21.21	0.00040
-42.43	-28.28	0.00031	-49.50	-35.36	0.00025
-56.57	-42.43	0.00021	-63.64	-49.50	0.00018
-70.71	-56.57	0.00016	-77.78	-63.64	0.00014
70.71	70.71	0.00125	63.64	63.64	0.00145
56.57	56.57	0.00169	49.50	49.50	0.00196
42.43	42.43	0.00225	35.36	35.36	0.00255
28.28	28.28	0.00280	21.21	21.21	0.00293
17.68	17.68	0.00292	14.14	14.14	0.00285
12.02	12.02	0.00278	10.61	10.61	0.00271
9.19	9.19	0.00263	7.78	7.78	0.00254
6.36	6.36	0.00242	-6.36	-6.36	0.00122
-7.78	-7.78	0.00112	-9.19	-9.19	0.00103
-10.61	-10.61	0.00095	-12.02	-12.02	0.00088
-14.14	-14.14	0.00079	-17.68	-17.68	0.00066
-21.21	-21.21	0.00056	-28.28	-28.28	0.00041
-35.36	-35.36	0.00032	-42.43	-42.43	0.00026
-49.50	-49.50	0.00022	-56.57	-56.57	0.00019
-63.64	-63.64	0.00017	-70.71	-70.71	0.00015
77.78	63.64	0.00128	70.71	56.57	0.00150
63.64	49.50	0.00176	56.57	42.43	0.00208
49.50	35.36	0.00244	42.43	28.28	0.00285
35.36	21.21	0.00325	28.28	14.14	0.00356
24.75	10.61	0.00362	21.21	7.07	0.00359
19.09	4.95	0.00352	17.68	3.54	0.00345
16.26	2.12	0.00336	14.85	0.71	0.00324
13.44	-0.71	0.00310	0.71	-13.44	0.00139
-0.71	-14.85	0.00126	-2.12	-16.26	0.00115
-3.54	-17.68	0.00105	-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 ***

20:01:50
 **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	0.00085	-10.61	-24.75	0.00070
-14.14	-28.28	0.00059	-21.21	-35.36	0.00044
-28.28	-42.43	0.00034	-35.36	-49.50	0.00028
-42.43	-56.57	0.00024	-49.50	-63.64	0.00021

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00019	-63.64	-77.78	0.00016
84.85	56.57	0.00130	77.78	49.50	0.00154
70.71	42.43	0.00182	63.64	35.36	0.00217
56.57	28.28	0.00260	49.50	21.21	0.00310
42.43	14.14	0.00367	35.36	7.07	0.00424
31.82	3.54	0.00445	28.28	0.00	0.00455
26.16	-2.12	0.00452	24.75	-3.54	0.00447
23.33	-4.95	0.00437	21.92	-6.36	0.00424
20.51	-7.78	0.00407	7.78	-20.51	0.00157
6.36	-21.92	0.00140	4.95	-23.33	0.00126
3.54	-24.75	0.00113	2.12	-26.16	0.00103
0.00	-28.28	0.00090	-3.54	-31.82	0.00073
-7.07	-35.36	0.00062	-14.14	-42.43	0.00046
-21.21	-49.50	0.00037	-28.28	-56.57	0.00031
-35.36	-63.64	0.00026	-42.43	-70.71	0.00023
-49.50	-77.78	0.00020	-56.57	-84.85	0.00018
91.92	49.50	0.00133	84.85	42.43	0.00157
77.78	35.36	0.00187	70.71	28.28	0.00226
63.64	21.21	0.00274	56.57	14.14	0.00333
49.50	7.07	0.00404	42.43	0.00	0.00485
38.89	-3.54	0.00528	35.36	-7.07	0.00564
33.23	-9.19	0.00578	31.82	-10.61	0.00582
30.41	-12.02	0.00579	28.99	-13.44	0.00570
27.58	-14.85	0.00552	14.85	-27.58	0.00172
13.44	-28.99	0.00150	12.02	-30.41	0.00133
10.61	-31.82	0.00119	9.19	-33.23	0.00108
7.07	-35.36	0.00094	3.54	-38.89	0.00077
0.00	-42.43	0.00065	-7.07	-49.50	0.00050
-14.14	-56.57	0.00040	-21.21	-63.64	0.00033
-28.28	-70.71	0.00028	-35.36	-77.78	0.00024
-42.43	-84.85	0.00021	-49.50	-91.92	0.00019
98.99	42.43	0.00135	91.92	35.36	0.00160
84.85	28.28	0.00192	77.78	21.21	0.00233
70.71	14.14	0.00286	63.64	7.07	0.00353
56.57	0.00	0.00437	49.50	-7.07	0.00540
45.96	-10.61	0.00598	42.43	-14.14	0.00659

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

20:01:50
 **MODELOPTs:
 PAGE 54

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00694	38.89	-17.68	0.00715
37.48	-19.09	0.00735	36.06	-20.51	0.00751
34.65	-21.92	0.00757	21.92	-34.65	0.00182
20.51	-36.06	0.00158	19.09	-37.48	0.00140
17.68	-38.89	0.00125	16.26	-40.31	0.00113
14.14	-42.43	0.00099	10.61	-45.96	0.00082
7.07	-49.50	0.00070	0.00	-56.57	0.00053
-7.07	-63.64	0.00043	-14.14	-70.71	0.00036
-21.21	-77.78	0.00031	-28.28	-84.85	0.00026
-35.36	-91.92	0.00023	-42.43	-98.99	0.00020
106.07	35.36	0.00136	98.99	28.28	0.00162
91.92	21.21	0.00195	84.85	14.14	0.00238
77.78	7.07	0.00295	70.71	0.00	0.00370
63.64	-7.07	0.00465	56.57	-14.14	0.00587
53.03	-17.68	0.00659	49.50	-21.21	0.00737
47.38	-23.33	0.00785	45.96	-24.75	0.00817
44.55	-26.16	0.00849	43.13	-27.58	0.00886
41.72	-28.99	0.00922	28.99	-41.72	0.00200
27.58	-43.13	0.00172	26.16	-44.55	0.00151
24.75	-45.96	0.00135	23.33	-47.38	0.00122
21.21	-49.50	0.00107	17.68	-53.03	0.00089
14.14	-56.57	0.00076	7.07	-63.64	0.00058
0.00	-70.71	0.00047	-7.07	-77.78	0.00039
-14.14	-84.85	0.00033	-21.21	-91.92	0.00029
-28.28	-98.99	0.00025	-35.36	-106.07	0.00022
113.14	28.28	0.00137	106.07	21.21	0.00162
98.99	14.14	0.00195	91.92	7.07	0.00239
84.85	0.00	0.00297	77.78	-7.07	0.00375
70.71	-14.14	0.00478	63.64	-21.21	0.00609
60.10	-24.75	0.00687	56.57	-28.28	0.00773
54.45	-30.41	0.00827	53.03	-31.82	0.00862
51.62	-33.23	0.00898	50.20	-34.65	0.00937
48.79	-36.06	0.00981	36.06	-48.79	0.00240
34.65	-50.20	0.00201	33.23	-51.62	0.00173
31.82	-53.03	0.00152	30.41	-54.45	0.00136
28.28	-56.57	0.00118	24.75	-60.10	0.00098
21.21	-63.64	0.00083	14.14	-70.71	0.00065
7.07	-77.78	0.00052	0.00	-84.85	0.00044
-7.07	-91.92	0.00037	-14.14	-98.99	0.00031
-21.21	-106.07	0.00027	-28.28	-113.14	0.00023

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

*** NCRA Cumulative DPM Impacts

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

20:01:50
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00136	113.14	14.14	0.00161	
106.07	7.07	0.00193	98.99	0.00	0.00235	
91.92	-7.07	0.00292	84.85	-14.14	0.00369	
77.78	-21.21	0.00473	70.71	-28.28	0.00610	
67.18	-31.82	0.00690	63.64	-35.36	0.00781	
61.52	-37.48	0.00840	60.10	-38.89	0.00881	
58.69	-40.31	0.00921	57.28	-41.72	0.00963	
55.86	-43.13	0.01012	43.13	-55.86	0.00283	
41.72	-57.28	0.00239	40.31	-58.69	0.00206	
38.89	-60.10	0.00181	37.48	-61.52	0.00160	
35.36	-63.64	0.00137	31.82	-67.18	0.00110	
28.28	-70.71	0.00092	21.21	-77.78	0.00071	
14.14	-84.85	0.00058	7.07	-91.92	0.00048	
0.00	-98.99	0.00040	-7.07	-106.07	0.00034	
-14.14	-113.14	0.00029	-21.21	-120.21	0.00025	
127.28	14.14	0.00133	120.21	7.07	0.00157	
113.14	0.00	0.00187	106.07	-7.07	0.00227	
98.99	-14.14	0.00280	91.92	-21.21	0.00353	
84.85	-28.28	0.00454	77.78	-35.36	0.00592	
74.25	-38.89	0.00677	70.71	-42.43	0.00773	
68.59	-44.55	0.00835	67.18	-45.96	0.00878	
65.76	-47.38	0.00923	64.35	-48.79	0.00968	
62.93	-50.20	0.01020	50.20	-62.93	0.00316	
48.79	-64.35	0.00270	47.38	-65.76	0.00235	
45.96	-67.18	0.00208	44.55	-68.59	0.00186	
42.43	-70.71	0.00160	38.89	-74.25	0.00127	
35.36	-77.78	0.00105	28.28	-84.85	0.00079	
21.21	-91.92	0.00063	14.14	-98.99	0.00051	
7.07	-106.07	0.00043	0.00	-113.14	0.00036	
-7.07	-120.21	0.00031	-14.14	-127.28	0.00026	
134.35	7.07	0.00130	127.28	0.00	0.00152	
120.21	-7.07	0.00180	113.14	-14.14	0.00216	
106.07	-21.21	0.00265	98.99	-28.28	0.00331	
91.92	-35.36	0.00423	84.85	-42.43	0.00558	
81.32	-45.96	0.00645	77.78	-49.50	0.00744	
75.66	-51.62	0.00808	74.25	-53.03	0.00854	

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00901	71.42	-55.86	0.00950
70.00	-57.28	0.01004	57.28	-70.00	0.00339
55.86	-71.42	0.00293	54.45	-72.83	0.00258
53.03	-74.25	0.00230	51.62	-75.66	0.00207

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

20:01:50
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00180	45.96	-81.32	0.00146
42.43	-84.85	0.00121	35.36	-91.92	0.00088
28.28	-98.99	0.00068	21.21	-106.07	0.00055
14.14	-113.14	0.00045	7.07	-120.21	0.00038
0.00	-127.28	0.00032	-7.07	-134.35	0.00027
141.42	0.00	0.00125	134.35	-7.07	0.00145
127.28	-14.14	0.00171	120.21	-21.21	0.00204
113.14	-28.28	0.00247	106.07	-35.36	0.00304
98.99	-42.43	0.00386	91.92	-49.50	0.00509
88.39	-53.03	0.00591	84.85	-56.57	0.00689
82.73	-58.69	0.00755	81.32	-60.10	0.00801
79.90	-61.52	0.00851	78.49	-62.93	0.00903
77.07	-64.35	0.00961	64.35	-77.07	0.00352
62.93	-78.49	0.00308	61.52	-79.90	0.00274
60.10	-81.32	0.00246	58.69	-82.73	0.00224
56.57	-84.85	0.00196	53.03	-88.39	0.00162
49.50	-91.92	0.00136	42.43	-98.99	0.00099
35.36	-106.07	0.00074	28.28	-113.14	0.00058
21.21	-120.21	0.00047	14.14	-127.28	0.00039
7.07	-134.35	0.00033	0.00	-141.42	0.00028
148.49	-7.07	0.00118	141.42	-14.14	0.00137
134.35	-21.21	0.00161	127.28	-28.28	0.00190
120.21	-35.36	0.00228	113.14	-42.43	0.00278
106.07	-49.50	0.00347	98.99	-56.57	0.00447
95.46	-60.10	0.00516	91.92	-63.64	0.00604
89.80	-65.76	0.00667	88.39	-67.18	0.00713
86.97	-68.59	0.00764	85.56	-70.00	0.00819
84.15	-71.42	0.00881	71.42	-84.15	0.00357
70.00	-85.56	0.00316	68.59	-86.97	0.00285
67.18	-88.39	0.00259	65.76	-89.80	0.00238

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00210	60.10	-95.46	0.00175
56.57	-98.99	0.00148	49.50	-106.07	0.00108
42.43	-113.14	0.00081	35.36	-120.21	0.00062
28.28	-127.28	0.00050	21.21	-134.35	0.00041
14.14	-141.42	0.00034	7.07	-148.49	0.00029
155.56	-14.14	0.00111	148.49	-21.21	0.00128
141.42	-28.28	0.00148	134.35	-35.36	0.00174
127.28	-42.43	0.00207	120.21	-49.50	0.00251
113.14	-56.57	0.00308	106.07	-63.64	0.00385
102.53	-67.18	0.00435	98.99	-70.71	0.00500

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

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

20:01:50

**MODELOPTs:

PAGE 57

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00548	95.46	-74.25	0.00586
94.05	-75.66	0.00631	92.63	-77.07	0.00683
91.22	-78.49	0.00746	78.49	-91.22	0.00359
77.07	-92.63	0.00322	75.66	-94.05	0.00294
74.25	-95.46	0.00270	72.83	-96.87	0.00248
70.71	-98.99	0.00221	67.18	-102.53	0.00185
63.64	-106.07	0.00157	56.57	-113.14	0.00116
49.50	-120.21	0.00087	42.43	-127.28	0.00066
35.36	-134.35	0.00052	28.28	-141.42	0.00042
21.21	-148.49	0.00035	14.14	-155.56	0.00030
162.63	-21.21	0.00102	155.56	-28.28	0.00116
148.49	-35.36	0.00134	141.42	-42.43	0.00156
134.35	-49.50	0.00185	127.28	-56.57	0.00221
120.21	-63.64	0.00267	113.14	-70.71	0.00324
109.60	-74.25	0.00360	106.07	-77.78	0.00401
103.94	-79.90	0.00430	102.53	-81.32	0.00452
101.12	-82.73	0.00478	99.70	-84.15	0.00508
98.29	-85.56	0.00548	85.56	-98.29	0.00360
84.15	-99.70	0.00326	82.73	-101.12	0.00298
81.32	-102.53	0.00275	79.90	-103.94	0.00254
77.78	-106.07	0.00227	74.25	-109.60	0.00191
70.71	-113.14	0.00162	63.64	-120.21	0.00121
56.57	-127.28	0.00091	49.50	-134.35	0.00070
42.43	-141.42	0.00055	35.36	-148.49	0.00044

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00036	21.21	-162.63	0.00030
169.71	-28.28	0.00092	162.63	-35.36	0.00105
155.56	-42.43	0.00120	148.49	-49.50	0.00138
141.42	-56.57	0.00162	134.35	-63.64	0.00190
127.28	-70.71	0.00224	120.21	-77.78	0.00264
116.67	-81.32	0.00287	113.14	-84.85	0.00313
111.02	-86.97	0.00329	109.60	-88.39	0.00341
108.19	-89.80	0.00354	106.77	-91.22	0.00369
105.36	-92.63	0.00385	92.63	-105.36	0.00347
91.22	-106.77	0.00318	89.80	-108.19	0.00294
88.39	-109.60	0.00272	86.97	-111.02	0.00253
84.85	-113.14	0.00228	81.32	-116.67	0.00192
77.78	-120.21	0.00164	70.71	-127.28	0.00123
63.64	-134.35	0.00094	56.57	-141.42	0.00073
49.50	-148.49	0.00057	42.43	-155.56	0.00045
35.36	-162.63	0.00037	28.28	-169.71	0.00031

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

20:01:50

**MODELOPTs:

PAGE 58

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	0.00083	169.71	-42.43	0.00094
162.63	-49.50	0.00106	155.56	-56.57	0.00122
148.49	-63.64	0.00141	141.42	-70.71	0.00164
134.35	-77.78	0.00190	127.28	-84.85	0.00221
123.74	-88.39	0.00239	120.21	-91.92	0.00258
118.09	-94.05	0.00272	116.67	-95.46	0.00282
115.26	-96.87	0.00292	113.84	-98.29	0.00302
112.43	-99.70	0.00312	99.70	-112.43	0.00305
98.29	-113.84	0.00290	96.87	-115.26	0.00275
95.46	-116.67	0.00259	94.05	-118.09	0.00244
91.92	-120.21	0.00221	88.39	-123.74	0.00190
84.85	-127.28	0.00163	77.78	-134.35	0.00123
70.71	-141.42	0.00095	63.64	-148.49	0.00074
56.57	-155.56	0.00058	49.50	-162.63	0.00046
42.43	-169.71	0.00038	35.36	-176.78	0.00031
183.85	-42.43	0.00075	176.78	-49.50	0.00084
169.71	-56.57	0.00095	162.63	-63.64	0.00109
155.56	-70.71	0.00124	148.49	-77.78	0.00143

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00165	134.35	-91.92	0.00190
130.81	-95.46	0.00205	127.28	-98.99	0.00222
125.16	-101.12	0.00232	123.74	-102.53	0.00238
122.33	-103.94	0.00245	120.92	-105.36	0.00251
119.50	-106.77	0.00258	106.77	-119.50	0.00259
105.36	-120.92	0.00250	103.94	-122.33	0.00240
102.53	-123.74	0.00230	101.12	-125.16	0.00220
98.99	-127.28	0.00205	95.46	-130.81	0.00181
91.92	-134.35	0.00158	84.85	-141.42	0.00121
77.78	-148.49	0.00094	70.71	-155.56	0.00074
63.64	-162.63	0.00059	56.57	-169.71	0.00047
49.50	-176.78	0.00038	42.43	-183.85	0.00032
190.92	-49.50	0.00068	183.85	-56.57	0.00076
176.78	-63.64	0.00086	169.71	-70.71	0.00098
162.63	-77.78	0.00111	155.56	-84.85	0.00127
148.49	-91.92	0.00145	141.42	-98.99	0.00167
137.89	-102.53	0.00178	134.35	-106.07	0.00189
132.23	-108.19	0.00196	130.81	-109.60	0.00201
129.40	-111.02	0.00206	127.99	-112.43	0.00211
126.57	-113.84	0.00216	113.84	-126.57	0.00217
112.43	-127.99	0.00213	111.02	-129.40	0.00207
109.60	-130.81	0.00200	108.19	-132.23	0.00193

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

20:01:50

**MODELOPTs:

PAGE 59

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00182	102.53	-137.89	0.00165
98.99	-141.42	0.00148	91.92	-148.49	0.00117
84.85	-155.56	0.00093	77.78	-162.63	0.00074
70.71	-169.71	0.00059	63.64	-176.78	0.00048
56.57	-183.85	0.00039	49.50	-190.92	0.00032
197.99	-56.57	0.00063	190.92	-63.64	0.00070
183.85	-70.71	0.00078	176.78	-77.78	0.00089
169.71	-84.85	0.00100	162.63	-91.92	0.00114
155.56	-98.99	0.00129	148.49	-106.07	0.00145
144.96	-109.60	0.00153	141.42	-113.14	0.00162
139.30	-115.26	0.00167	137.89	-116.67	0.00171
136.47	-118.09	0.00175	135.06	-119.50	0.00178

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00181	120.92	-133.64	0.00183
119.50	-135.06	0.00180	118.09	-136.47	0.00177
116.67	-137.89	0.00173	115.26	-139.30	0.00168
113.14	-141.42	0.00160	109.60	-144.96	0.00146
106.07	-148.49	0.00134	98.99	-155.56	0.00111
91.92	-162.63	0.00090	84.85	-169.71	0.00073
77.78	-176.78	0.00059	70.71	-183.85	0.00048
63.64	-190.92	0.00040	56.57	-197.99	0.00033
205.06	-63.64	0.00058	197.99	-70.71	0.00064
190.92	-77.78	0.00072	183.85	-84.85	0.00081
176.78	-91.92	0.00091	169.71	-98.99	0.00103
162.63	-106.07	0.00115	155.56	-113.14	0.00126
152.03	-116.67	0.00132	148.49	-120.21	0.00139
146.37	-122.33	0.00144	144.96	-123.74	0.00147
143.54	-125.16	0.00150	142.13	-126.57	0.00152
140.71	-127.99	0.00153	127.99	-140.71	0.00154
126.57	-142.13	0.00153	125.16	-143.54	0.00151
123.74	-144.96	0.00149	122.33	-146.37	0.00145
120.21	-148.49	0.00140	116.67	-152.03	0.00130
113.14	-155.56	0.00120	106.07	-162.63	0.00102
98.99	-169.71	0.00086	91.92	-176.78	0.00071
84.85	-183.85	0.00059	77.78	-190.92	0.00049
70.71	-197.99	0.00040	63.64	-205.06	0.00033
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	0.00092
169.71	-113.14	0.00101	162.63	-120.21	0.00110
159.10	-123.74	0.00115	155.56	-127.28	0.00121

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

20:01:50
 **MODELOPTs:
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00125	152.03	-130.81	0.00127
150.61	-132.23	0.00128	149.20	-133.64	0.00130
147.79	-135.06	0.00131	135.06	-147.79	0.00131
133.64	-149.20	0.00130	132.23	-150.61	0.00129
130.81	-152.03	0.00128	129.40	-153.44	0.00126
127.28	-155.56	0.00123	123.74	-159.10	0.00115

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00107	113.14	-169.71	0.00092
106.07	-176.78	0.00080	98.99	-183.85	0.00068
91.92	-190.92	0.00058	84.85	-197.99	0.00048
77.78	-205.06	0.00040	70.71	-212.13	0.00034
219.20	-77.78	0.00050	212.13	-84.85	0.00055
205.06	-91.92	0.00062	197.99	-98.99	0.00068
190.92	-106.07	0.00076	183.85	-113.14	0.00083
176.78	-120.21	0.00089	169.71	-127.28	0.00097
166.17	-130.81	0.00101	162.63	-134.35	0.00106
160.51	-136.47	0.00108	159.10	-137.89	0.00110
157.68	-139.30	0.00111	156.27	-140.71	0.00112
154.86	-142.13	0.00113	142.13	-154.86	0.00113
140.71	-156.27	0.00112	139.30	-157.68	0.00112
137.89	-159.10	0.00111	136.47	-160.51	0.00110
134.35	-162.63	0.00107	130.81	-166.17	0.00102
127.28	-169.71	0.00096	120.21	-176.78	0.00083
113.14	-183.85	0.00073	106.07	-190.92	0.00064
98.99	-197.99	0.00055	91.92	-205.06	0.00047
84.85	-212.13	0.00040	77.78	-219.20	0.00034
226.27	-84.85	0.00047	219.20	-91.92	0.00052
212.13	-98.99	0.00057	205.06	-106.07	0.00063
197.99	-113.14	0.00069	190.92	-120.21	0.00074
183.85	-127.28	0.00079	176.78	-134.35	0.00086
173.24	-137.89	0.00090	169.71	-141.42	0.00093
167.58	-143.54	0.00095	166.17	-144.96	0.00096
164.76	-146.37	0.00097	163.34	-147.79	0.00097
161.93	-149.20	0.00098	149.20	-161.93	0.00098
147.79	-163.34	0.00097	146.37	-164.76	0.00097
144.96	-166.17	0.00097	143.54	-167.58	0.00096
141.42	-169.71	0.00094	137.89	-173.24	0.00091
134.35	-176.78	0.00086	127.28	-183.85	0.00076
120.21	-190.92	0.00067	113.14	-197.99	0.00059
106.07	-205.06	0.00052	98.99	-212.13	0.00046
91.92	-219.20	0.00040	84.85	-226.27	0.00034

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

04/18/08

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

20:01:50

**MODELOPTs:

PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00044	226.27	-98.99	0.00049
219.20	-106.07	0.00053	212.13	-113.14	0.00058
205.06	-120.21	0.00062	197.99	-127.28	0.00066
190.92	-134.35	0.00071	183.85	-141.42	0.00077
180.31	-144.96	0.00080	176.78	-148.49	0.00082
174.66	-150.61	0.00084	173.24	-152.03	0.00084
171.83	-153.44	0.00085	170.41	-154.86	0.00085
169.00	-156.27	0.00085	156.27	-169.00	0.00085
154.86	-170.41	0.00085	153.44	-171.83	0.00085
152.03	-173.24	0.00085	150.61	-174.66	0.00084
148.49	-176.78	0.00083	144.96	-180.31	0.00081
141.42	-183.85	0.00077	134.35	-190.92	0.00069
127.28	-197.99	0.00061	120.21	-205.06	0.00055
113.14	-212.13	0.00049	106.07	-219.20	0.00044
98.99	-226.27	0.00039	91.92	-233.35	0.00034
240.42	-98.99	0.00042	233.35	-106.07	0.00046
226.27	-113.14	0.00049	219.20	-120.21	0.00053
212.13	-127.28	0.00056	205.06	-134.35	0.00060
197.99	-141.42	0.00064	190.92	-148.49	0.00069
187.38	-152.03	0.00071	183.85	-155.56	0.00073
181.73	-157.68	0.00074	180.31	-159.10	0.00075
178.90	-160.51	0.00075	177.48	-161.93	0.00075
176.07	-163.34	0.00075	163.34	-176.07	0.00075
161.93	-177.48	0.00075	160.51	-178.90	0.00075
159.10	-180.31	0.00075	157.68	-181.73	0.00075
155.56	-183.85	0.00074	152.03	-187.38	0.00072
148.49	-190.92	0.00070	141.42	-197.99	0.00063
134.35	-205.06	0.00056	127.28	-212.13	0.00051
120.21	-219.20	0.00046	113.14	-226.27	0.00041
106.07	-233.35	0.00037	98.99	-240.42	0.00033
247.49	-106.07	0.00039	240.42	-113.14	0.00043
233.35	-120.21	0.00046	226.27	-127.28	0.00048
219.20	-134.35	0.00051	212.13	-141.42	0.00054
205.06	-148.49	0.00058	197.99	-155.56	0.00062
194.45	-159.10	0.00064	190.92	-162.63	0.00066
188.80	-164.76	0.00066	187.38	-166.17	0.00067
185.97	-167.58	0.00067	184.55	-169.00	0.00067
183.14	-170.41	0.00067	170.41	-183.14	0.00067
169.00	-184.55	0.00067	167.58	-185.97	0.00067
166.17	-187.38	0.00067	164.76	-188.80	0.00066

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

*** NCRA Cumulative DPM Impacts

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

20:01:50
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00066	159.10	-194.45	0.00065	
155.56	-197.99	0.00063	148.49	-205.06	0.00058	
141.42	-212.13	0.00052	134.35	-219.20	0.00047	
127.28	-226.27	0.00043	120.21	-233.35	0.00039	
113.14	-240.42	0.00035	106.07	-247.49	0.00032	

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

20:01:50
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00042	-113.14	240.42	0.00042	
-120.21	233.35	0.00042	-127.28	226.27	0.00042	
-134.35	219.20	0.00041	-141.42	212.13	0.00040	
-148.49	205.06	0.00038	-155.56	197.99	0.00035	
-159.10	194.45	0.00034	-162.63	190.92	0.00032	
-164.76	188.80	0.00032	-166.17	187.38	0.00031	
-167.58	185.97	0.00030	-169.00	184.55	0.00030	
-170.41	183.14	0.00029	-183.14	170.41	0.00023	
-184.55	169.00	0.00023	-185.97	167.58	0.00022	
-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	0.00018	-205.06	148.49	0.00016	
-212.13	141.42	0.00014	-219.20	134.35	0.00013	
-226.27	127.28	0.00011	-233.35	120.21	0.00010	
-240.42	113.14	0.00009	-247.49	106.07	0.00008	
-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	0.00045	-134.35	205.06	0.00043	
-141.42	197.99	0.00041	-148.49	190.92	0.00039	
-152.03	187.38	0.00037	-155.56	183.85	0.00035	
-157.68	181.73	0.00034	-159.10	180.31	0.00034	
-160.51	178.90	0.00033	-161.93	177.48	0.00032	
-163.34	176.07	0.00031	-176.07	163.34	0.00025	

14NCRA_SR04-300_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	0.00022	-187.38	152.03	0.00020
-190.92	148.49	0.00019	-197.99	141.42	0.00017
-205.06	134.35	0.00015	-212.13	127.28	0.00013
-219.20	120.21	0.00012	-226.27	113.14	0.00011
-233.35	106.07	0.00009	-240.42	98.99	0.00008
-91.92	233.35	0.00049	-98.99	226.27	0.00050
-106.07	219.20	0.00050	-113.14	212.13	0.00049
-120.21	205.06	0.00049	-127.28	197.99	0.00047
-134.35	190.92	0.00045	-141.42	183.85	0.00042
-144.96	180.31	0.00041	-148.49	176.78	0.00039
-150.61	174.66	0.00037	-152.03	173.24	0.00037
-153.44	171.83	0.00036	-154.86	170.41	0.00035
-156.27	169.00	0.00034	-169.00	156.27	0.00027
-170.41	154.86	0.00026	-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 ***

20:01:50

**MODELOPTs:

PAGE 64

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00023	-180.31	144.96	0.00022
-183.85	141.42	0.00020	-190.92	134.35	0.00018
-197.99	127.28	0.00016	-205.06	120.21	0.00014
-212.13	113.14	0.00012	-219.20	106.07	0.00011
-226.27	99.00	0.00010	-233.35	91.92	0.00009
-84.85	226.27	0.00053	-91.92	219.20	0.00054
-98.99	212.13	0.00054	-106.07	205.06	0.00054
-113.14	197.99	0.00053	-120.21	190.92	0.00052
-127.28	183.85	0.00050	-134.35	176.78	0.00047
-137.89	173.24	0.00045	-141.42	169.71	0.00042
-143.54	167.58	0.00041	-144.96	166.17	0.00040
-146.37	164.76	0.00039	-147.79	163.34	0.00038
-149.20	161.93	0.00037	-161.93	149.20	0.00029
-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	0.00023
-176.78	134.35	0.00022	-183.85	127.28	0.00019

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00017	-197.99	113.14	0.00015
-205.06	106.07	0.00013	-212.13	99.00	0.00011
-219.20	91.92	0.00010	-226.27	84.85	0.00009
-77.78	219.20	0.00058	-84.85	212.13	0.00059
-91.92	205.06	0.00059	-98.99	197.99	0.00059
-106.07	190.92	0.00058	-113.14	183.85	0.00057
-120.21	176.78	0.00055	-127.28	169.71	0.00051
-130.81	166.17	0.00049	-134.35	162.63	0.00047
-136.47	160.51	0.00045	-137.89	159.10	0.00044
-139.30	157.68	0.00043	-140.71	156.27	0.00042
-142.13	154.86	0.00041	-154.86	142.13	0.00032
-156.27	140.71	0.00031	-157.68	139.30	0.00030
-159.10	137.89	0.00029	-160.51	136.47	0.00028
-162.63	134.35	0.00027	-166.17	130.81	0.00025
-169.71	127.28	0.00023	-176.78	120.21	0.00020
-183.85	113.14	0.00017	-190.92	106.07	0.00015
-197.99	99.00	0.00013	-205.06	91.92	0.00012
-212.13	84.85	0.00010	-219.20	77.78	0.00009
-70.71	212.13	0.00063	-77.78	205.06	0.00064
-84.85	197.99	0.00065	-91.92	190.92	0.00065
-98.99	183.85	0.00064	-106.07	176.78	0.00063
-113.14	169.71	0.00061	-120.21	162.63	0.00057
-123.74	159.10	0.00055	-127.28	155.56	0.00052

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

20:01:50
 **MODELOPTS:
 PAGE 65
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00050	-130.81	152.03	0.00049
-132.23	150.61	0.00048	-133.64	149.20	0.00047
-135.06	147.79	0.00045	-147.79	135.06	0.00035
-149.20	133.64	0.00034	-150.61	132.23	0.00033
-152.03	130.81	0.00032	-153.44	129.40	0.00031
-155.56	127.28	0.00029	-159.10	123.74	0.00027
-162.63	120.21	0.00025	-169.71	113.14	0.00021
-176.78	106.07	0.00018	-183.85	98.99	0.00016
-190.92	91.92	0.00014	-197.99	84.85	0.00012
-205.06	77.78	0.00011	-212.13	70.71	0.00009
-63.64	205.06	0.00068	-70.71	197.99	0.00070

14NCRA_SR04-300_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	0.00070
-106.07	162.63	0.00068	-113.14	155.56	0.00064
-116.67	152.03	0.00061	-120.21	148.49	0.00058
-122.33	146.37	0.00056	-123.74	144.96	0.00055
-125.16	143.54	0.00053	-126.57	142.13	0.00052
-127.99	140.71	0.00050	-140.71	127.99	0.00038
-142.13	126.57	0.00037	-143.54	125.16	0.00036
-144.96	123.74	0.00034	-146.37	122.33	0.00033
-148.49	120.21	0.00032	-152.03	116.67	0.00029
-155.56	113.14	0.00027	-162.63	106.07	0.00023
-169.71	98.99	0.00020	-176.78	91.92	0.00017
-183.85	84.85	0.00015	-190.92	77.78	0.00013
-197.99	70.71	0.00011	-205.06	63.64	0.00009
-56.57	197.99	0.00074	-63.64	190.92	0.00077
-70.71	183.85	0.00078	-77.78	176.78	0.00079
-84.85	169.71	0.00079	-91.92	162.63	0.00078
-98.99	155.56	0.00076	-106.07	148.49	0.00072
-109.60	144.96	0.00069	-113.14	141.42	0.00065
-115.26	139.30	0.00063	-116.67	137.89	0.00061
-118.09	136.47	0.00060	-119.50	135.06	0.00058
-120.92	133.64	0.00056	-133.64	120.92	0.00042
-135.06	119.50	0.00040	-136.47	118.09	0.00039
-137.89	116.67	0.00038	-139.30	115.26	0.00036
-141.42	113.14	0.00034	-144.96	109.60	0.00031
-148.49	106.07	0.00029	-155.56	98.99	0.00024
-162.63	91.92	0.00021	-169.71	84.85	0.00018
-176.78	77.78	0.00015	-183.85	70.71	0.00013
-190.92	63.64	0.00011	-197.99	56.57	0.00010

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

20:01:50
 **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	0.00080	-56.57	183.85	0.00084
-63.64	176.78	0.00086	-70.71	169.71	0.00088
-77.78	162.63	0.00088	-84.85	155.56	0.00088
-91.92	148.49	0.00085	-98.99	141.42	0.00081
-102.53	137.89	0.00078	-106.07	134.35	0.00074

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00071	-109.60	130.81	0.00069
-111.02	129.40	0.00067	-112.43	127.99	0.00065
-113.84	126.57	0.00063	-126.57	113.84	0.00046
-127.99	112.43	0.00044	-129.40	111.02	0.00043
-130.81	109.60	0.00041	-132.23	108.19	0.00040
-134.35	106.07	0.00037	-137.89	102.53	0.00034
-141.42	98.99	0.00031	-148.49	91.92	0.00026
-155.56	84.85	0.00022	-162.63	77.78	0.00019
-169.71	70.71	0.00016	-176.78	63.64	0.00013
-183.85	56.57	0.00011	-190.92	49.50	0.00010
-42.43	183.85	0.00087	-49.50	176.78	0.00092
-56.57	169.71	0.00096	-63.64	162.63	0.00098
-70.71	155.56	0.00099	-77.78	148.49	0.00099
-84.85	141.42	0.00097	-91.92	134.35	0.00092
-95.46	130.81	0.00089	-98.99	127.28	0.00084
-101.12	125.16	0.00081	-102.53	123.74	0.00079
-103.94	122.33	0.00077	-105.36	120.92	0.00074
-106.77	119.50	0.00072	-119.50	106.77	0.00051
-120.92	105.36	0.00049	-122.33	103.94	0.00047
-123.74	102.53	0.00045	-125.16	101.12	0.00043
-127.28	98.99	0.00041	-130.81	95.46	0.00037
-134.35	91.92	0.00033	-141.42	84.85	0.00028
-148.49	77.78	0.00023	-155.56	70.71	0.00019
-162.63	63.64	0.00016	-169.71	56.57	0.00014
-176.78	49.50	0.00012	-183.85	42.43	0.00010
-35.36	176.78	0.00094	-42.43	169.71	0.00100
-49.50	162.63	0.00106	-56.57	155.56	0.00110
-63.64	148.49	0.00112	-70.71	141.42	0.00112
-77.78	134.35	0.00110	-84.85	127.28	0.00106
-88.39	123.74	0.00102	-91.92	120.21	0.00097
-94.05	118.09	0.00093	-95.46	116.67	0.00091
-96.87	115.26	0.00088	-98.29	113.84	0.00085
-99.70	112.43	0.00082	-112.43	99.70	0.00057
-113.84	98.29	0.00054	-115.26	96.87	0.00052
-116.67	95.46	0.00050	-118.09	94.05	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 20:01:50
 **MODELOPTS:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00045	-123.74	88.39	0.00040
-127.28	84.85	0.00036	-134.35	77.78	0.00030
-141.42	70.71	0.00024	-148.49	63.64	0.00020
-155.56	56.57	0.00017	-162.63	49.50	0.00014
-169.71	42.43	0.00012	-176.78	35.36	0.00011
-28.28	169.71	0.00100	-35.36	162.63	0.00109
-42.43	155.56	0.00116	-49.50	148.49	0.00123
-56.57	141.42	0.00127	-63.64	134.35	0.00128
-70.71	127.28	0.00127	-77.78	120.21	0.00122
-81.32	116.67	0.00118	-84.85	113.14	0.00112
-86.97	111.02	0.00108	-88.39	109.60	0.00105
-89.80	108.19	0.00102	-91.22	106.77	0.00099
-92.63	105.36	0.00095	-105.36	92.63	0.00064
-106.77	91.22	0.00061	-108.19	89.80	0.00058
-109.60	88.39	0.00055	-111.02	86.97	0.00053
-113.14	84.85	0.00049	-116.67	81.32	0.00044
-120.21	77.78	0.00039	-127.28	70.71	0.00032
-134.35	63.64	0.00026	-141.42	56.57	0.00021
-148.49	49.50	0.00017	-155.56	42.43	0.00015
-162.63	35.36	0.00013	-169.71	28.28	0.00011
-21.21	162.63	0.00107	-28.28	155.56	0.00117
-35.36	148.49	0.00128	-42.43	141.42	0.00137
-49.50	134.35	0.00143	-56.57	127.28	0.00147
-63.64	120.21	0.00147	-70.71	113.14	0.00143
-74.25	109.60	0.00138	-77.78	106.07	0.00132
-79.90	103.94	0.00127	-81.32	102.53	0.00124
-82.73	101.12	0.00120	-84.15	99.70	0.00115
-85.56	98.29	0.00111	-98.29	85.56	0.00072
-99.70	84.15	0.00068	-101.12	82.73	0.00065
-102.53	81.32	0.00061	-103.94	79.90	0.00058
-106.07	77.78	0.00054	-109.60	74.25	0.00048
-113.14	70.71	0.00042	-120.21	63.64	0.00034
-127.28	56.57	0.00027	-134.35	49.50	0.00022
-141.42	42.43	0.00018	-148.49	35.36	0.00015
-155.56	28.28	0.00013	-162.63	21.21	0.00012
-14.14	155.56	0.00112	-21.21	148.49	0.00126
-28.28	141.42	0.00139	-35.36	134.35	0.00152
-42.43	127.28	0.00163	-49.50	120.21	0.00170
-56.57	113.14	0.00172	-63.64	106.07	0.00168
-67.18	102.53	0.00164	-70.71	98.99	0.00157

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**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	0.00147
-75.66	94.05	0.00142	-77.07	92.63	0.00137
-78.49	91.22	0.00132	-91.22	78.49	0.00082
-92.63	77.07	0.00077	-94.05	75.66	0.00073
-95.46	74.25	0.00068	-96.87	72.83	0.00065
-98.99	70.71	0.00060	-102.53	67.18	0.00052
-106.07	63.64	0.00046	-113.14	56.57	0.00036
-120.21	49.50	0.00028	-127.28	42.43	0.00023
-134.35	35.36	0.00019	-141.42	28.28	0.00016
-148.49	21.21	0.00014	-155.56	14.14	0.00012
-7.07	148.49	0.00118	-14.14	141.42	0.00133
-21.21	134.35	0.00150	-28.28	127.28	0.00167
-35.36	120.21	0.00183	-42.43	113.14	0.00196
-49.50	106.07	0.00202	-56.57	98.99	0.00200
-60.10	95.46	0.00196	-63.64	91.92	0.00189
-65.76	89.80	0.00182	-67.18	88.39	0.00177
-68.59	86.97	0.00172	-70.00	85.56	0.00165
-71.42	84.15	0.00158	-84.15	71.42	0.00093
-85.56	70.00	0.00087	-86.97	68.59	0.00082
-88.39	67.18	0.00077	-89.80	65.76	0.00072
-91.92	63.64	0.00066	-95.46	60.10	0.00057
-98.99	56.57	0.00049	-106.07	49.50	0.00038
-113.14	42.43	0.00029	-120.21	35.36	0.00024
-127.28	28.28	0.00020	-134.35	21.21	0.00017
-141.42	14.14	0.00015	-148.49	7.07	0.00013
0.00	141.42	0.00122	-7.07	134.35	0.00140
-14.14	127.28	0.00160	-21.21	120.21	0.00182
-28.28	113.14	0.00205	-35.36	106.07	0.00225
-42.43	98.99	0.00238	-49.50	91.92	0.00241
-53.03	88.39	0.00238	-56.57	84.85	0.00230
-58.69	82.73	0.00223	-60.10	81.32	0.00217
-61.52	79.90	0.00211	-62.93	78.49	0.00203
-64.35	77.07	0.00194	-77.07	64.35	0.00106
-78.49	62.93	0.00099	-79.90	61.52	0.00092
-81.32	60.10	0.00086	-82.73	58.69	0.00080
-84.85	56.57	0.00072	-88.39	53.03	0.00062
-91.92	49.50	0.00053	-98.99	42.43	0.00040

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00031	-113.14	28.28	0.00025
-120.21	21.21	0.00021	-127.28	14.14	0.00018
-134.35	7.07	0.00016	-141.42	0.00	0.00014

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

20:01:50
 **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	0.00125	0.00	127.28	0.00145
-7.07	120.21	0.00169	-14.14	113.14	0.00196
-21.21	106.07	0.00225	-28.28	98.99	0.00255
-35.36	91.92	0.00280	-42.43	84.85	0.00293
-45.96	81.32	0.00292	-49.50	77.78	0.00285
-51.62	75.66	0.00278	-53.03	74.25	0.00271
-54.45	72.83	0.00263	-55.86	71.42	0.00254
-57.28	70.00	0.00242	-70.00	57.28	0.00122
-71.42	55.86	0.00112	-72.83	54.45	0.00103
-74.25	53.03	0.00095	-75.66	51.62	0.00088
-77.78	49.50	0.00079	-81.32	45.96	0.00066
-84.85	42.43	0.00056	-91.92	35.36	0.00041
-98.99	28.28	0.00032	-106.07	21.21	0.00026
-113.14	14.14	0.00022	-120.21	7.07	0.00019
-127.28	0.00	0.00017	-134.35	-7.07	0.00015
14.14	127.28	0.00128	7.07	120.21	0.00150
0.00	113.14	0.00176	-7.07	106.07	0.00208
-14.14	98.99	0.00244	-21.21	91.92	0.00285
-28.28	84.85	0.00325	-35.36	77.78	0.00356
-38.89	74.25	0.00362	-42.43	70.71	0.00359
-44.55	68.59	0.00352	-45.96	67.18	0.00345
-47.38	65.76	0.00336	-48.79	64.35	0.00324
-50.20	62.93	0.00310	-62.93	50.20	0.00139
-64.35	48.79	0.00126	-65.76	47.38	0.00115
-67.18	45.96	0.00105	-68.59	44.55	0.00096
-70.71	42.43	0.00085	-74.25	38.89	0.00070
-77.78	35.36	0.00059	-84.85	28.28	0.00044
-91.92	21.21	0.00034	-98.99	14.14	0.00028
-106.07	7.07	0.00024	-113.14	0.00	0.00021
-120.21	-7.07	0.00019	-127.28	-14.14	0.00016
21.21	120.21	0.00130	14.14	113.14	0.00154

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00182	0.00	98.99	0.00218
-7.07	91.92	0.00260	-14.14	84.85	0.00310
-21.21	77.78	0.00367	-28.28	70.71	0.00424
-31.82	67.18	0.00445	-35.36	63.64	0.00455
-37.48	61.52	0.00452	-38.89	60.10	0.00447
-40.31	58.69	0.00437	-41.72	57.28	0.00424
-43.13	55.86	0.00407	-55.86	43.13	0.00157
-57.28	41.72	0.00140	-58.69	40.31	0.00126
-60.10	38.89	0.00113	-61.52	37.48	0.00103

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

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

20:01:50

**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	0.00090	-67.18	31.82	0.00073
-70.71	28.28	0.00062	-77.78	21.21	0.00046
-84.85	14.14	0.00037	-91.92	7.07	0.00031
-98.99	0.00	0.00026	-106.07	-7.07	0.00023
-113.14	-14.14	0.00020	-120.21	-21.21	0.00018
28.28	113.14	0.00133	21.21	106.07	0.00157
14.14	98.99	0.00187	7.07	91.92	0.00226
0.00	84.85	0.00274	-7.07	77.78	0.00333
-14.14	70.71	0.00404	-21.21	63.64	0.00485
-24.75	60.10	0.00528	-28.28	56.57	0.00564
-30.41	54.45	0.00578	-31.82	53.03	0.00582
-33.23	51.62	0.00579	-34.65	50.20	0.00570
-36.06	48.79	0.00552	-48.79	36.06	0.00172
-50.20	34.65	0.00150	-51.62	33.23	0.00133
-53.03	31.82	0.00119	-54.45	30.41	0.00108
-56.57	28.28	0.00094	-60.10	24.75	0.00077
-63.64	21.21	0.00065	-70.71	14.14	0.00050
-77.78	7.07	0.00040	-84.85	0.00	0.00033
-91.92	-7.07	0.00028	-98.99	-14.14	0.00024
-106.07	-21.21	0.00021	-113.14	-28.28	0.00019
35.36	106.07	0.00135	28.28	98.99	0.00160
21.21	91.92	0.00192	14.14	84.85	0.00233
7.07	77.78	0.00286	0.00	70.71	0.00353
-7.07	63.64	0.00437	-14.14	56.57	0.00540
-17.68	53.03	0.00598	-21.21	49.50	0.00659

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00694	-24.75	45.96	0.00715
-26.16	44.55	0.00735	-27.58	43.13	0.00751
-28.99	41.72	0.00757	-41.72	28.99	0.00182
-43.13	27.58	0.00158	-44.55	26.16	0.00140
-45.96	24.75	0.00125	-47.38	23.33	0.00113
-49.50	21.21	0.00099	-53.03	17.68	0.00082
-56.57	14.14	0.00070	-63.64	7.07	0.00053
-70.71	0.00	0.00043	-77.78	-7.07	0.00036
-84.85	-14.14	0.00031	-91.92	-21.21	0.00026
-98.99	-28.28	0.00023	-106.07	-35.36	0.00020
42.43	98.99	0.00136	35.36	91.92	0.00162
28.28	84.85	0.00195	21.21	77.78	0.00238
14.14	70.71	0.00295	7.07	63.64	0.00370
0.00	56.57	0.00465	-7.07	49.50	0.00587
-10.61	45.96	0.00659	-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 ***

20:01:50

**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	0.00785	-17.68	38.89	0.00817
-19.09	37.48	0.00849	-20.51	36.06	0.00886
-21.92	34.65	0.00922	-34.65	21.92	0.00200
-36.06	20.51	0.00172	-37.48	19.09	0.00151
-38.89	17.68	0.00135	-40.31	16.26	0.00122
-42.43	14.14	0.00107	-45.96	10.61	0.00089
-49.50	7.07	0.00076	-56.57	0.00	0.00058
-63.64	-7.07	0.00047	-70.71	-14.14	0.00039
-77.78	-21.21	0.00033	-84.85	-28.28	0.00029
-91.92	-35.36	0.00025	-98.99	-42.43	0.00022
49.50	91.92	0.00137	42.43	84.85	0.00162
35.36	77.78	0.00195	28.28	70.71	0.00239
21.21	63.64	0.00297	14.14	56.57	0.00375
7.07	49.50	0.00478	0.00	42.43	0.00609
-3.54	38.89	0.00687	-7.07	35.36	0.00773
-9.19	33.23	0.00827	-10.61	31.82	0.00862
-12.02	30.41	0.00898	-13.44	28.99	0.00937
-14.85	27.58	0.00981	-27.58	14.85	0.00240
-28.99	13.44	0.00201	-30.41	12.02	0.00173

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00152	-33.23	9.19	0.00136
-35.36	7.07	0.00118	-38.89	3.54	0.00098
-42.43	0.00	0.00083	-49.50	-7.07	0.00065
-56.57	-14.14	0.00052	-63.64	-21.21	0.00044
-70.71	-28.28	0.00037	-77.78	-35.36	0.00031
-84.85	-42.43	0.00027	-91.92	-49.50	0.00023
56.57	84.85	0.00136	49.50	77.78	0.00161
42.43	70.71	0.00193	35.36	63.64	0.00235
28.28	56.57	0.00292	21.21	49.50	0.00369
14.14	42.43	0.00473	7.07	35.36	0.00610
3.54	31.82	0.00690	0.00	28.28	0.00781
-2.12	26.16	0.00840	-3.54	24.75	0.00881
-4.95	23.33	0.00921	-6.36	21.92	0.00963
-7.78	20.51	0.01012	-20.51	7.78	0.00283
-21.92	6.36	0.00239	-23.33	4.95	0.00206
-24.75	3.54	0.00181	-26.16	2.12	0.00160
-28.28	0.00	0.00137	-31.82	-3.54	0.00110
-35.36	-7.07	0.00092	-42.43	-14.14	0.00071
-49.50	-21.21	0.00058	-56.57	-28.28	0.00048
-63.64	-35.36	0.00040	-70.71	-42.43	0.00034
-77.78	-49.50	0.00029	-84.85	-56.57	0.00025

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

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

20:01:50

**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	0.00133	56.57	70.71	0.00157
49.50	63.64	0.00187	42.43	56.57	0.00227
35.36	49.50	0.00280	28.28	42.43	0.00353
21.21	35.36	0.00454	14.14	28.28	0.00592
10.61	24.75	0.00677	7.07	21.21	0.00773
4.95	19.09	0.00835	3.54	17.68	0.00878
2.12	16.26	0.00923	0.71	14.85	0.00968
-0.71	13.44	0.01020	-13.44	0.71	0.00316
-14.85	-0.71	0.00270	-16.26	-2.12	0.00235
-17.68	-3.54	0.00208	-19.09	-4.95	0.00186
-21.21	-7.07	0.00160	-24.75	-10.61	0.00127
-28.28	-14.14	0.00105	-35.36	-21.21	0.00079
-42.43	-28.28	0.00063	-49.50	-35.36	0.00051

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00043	-63.64	-49.50	0.00036
-70.71	-56.57	0.00031	-77.78	-63.64	0.00026
70.71	70.71	0.00130	63.64	63.64	0.00152
56.57	56.57	0.00180	49.50	49.50	0.00216
42.43	42.43	0.00265	35.36	35.36	0.00331
28.28	28.28	0.00423	21.21	21.21	0.00558
17.68	17.68	0.00645	14.14	14.14	0.00744
12.02	12.02	0.00808	10.61	10.61	0.00854
9.19	9.19	0.00901	7.78	7.78	0.00950
6.36	6.36	0.01004	-6.36	-6.36	0.00339
-7.78	-7.78	0.00293	-9.19	-9.19	0.00258
-10.61	-10.61	0.00230	-12.02	-12.02	0.00207
-14.14	-14.14	0.00180	-17.68	-17.68	0.00146
-21.21	-21.21	0.00121	-28.28	-28.28	0.00088
-35.36	-35.36	0.00068	-42.43	-42.43	0.00055
-49.50	-49.50	0.00045	-56.57	-56.57	0.00038
-63.64	-63.64	0.00032	-70.71	-70.71	0.00027
77.78	63.64	0.00125	70.71	56.57	0.00145
63.64	49.50	0.00171	56.57	42.43	0.00204
49.50	35.36	0.00247	42.43	28.28	0.00304
35.36	21.21	0.00386	28.28	14.14	0.00509
24.75	10.61	0.00591	21.21	7.07	0.00689
19.09	4.95	0.00755	17.68	3.54	0.00801
16.26	2.12	0.00851	14.85	0.71	0.00903
13.44	-0.71	0.00960	0.71	-13.44	0.00352
-0.71	-14.85	0.00308	-2.12	-16.26	0.00274
-3.54	-17.68	0.00246	-4.95	-19.09	0.00224

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

20:01:50
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00196	-10.61	-24.75	0.00162
-14.14	-28.28	0.00136	-21.21	-35.36	0.00099
-28.28	-42.43	0.00074	-35.36	-49.50	0.00058
-42.43	-56.57	0.00047	-49.50	-63.64	0.00039
-56.57	-70.71	0.00033	-63.64	-77.78	0.00028
84.85	56.57	0.00118	77.78	49.50	0.00137
70.71	42.43	0.00161	63.64	35.36	0.00190

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00228	49.50	21.21	0.00278
42.43	14.14	0.00347	35.36	7.07	0.00447
31.82	3.54	0.00516	28.28	0.00	0.00604
26.16	-2.12	0.00667	24.75	-3.54	0.00713
23.33	-4.95	0.00764	21.92	-6.36	0.00819
20.51	-7.78	0.00881	7.78	-20.51	0.00357
6.36	-21.92	0.00316	4.95	-23.33	0.00285
3.54	-24.75	0.00259	2.12	-26.16	0.00238
0.00	-28.28	0.00210	-3.54	-31.82	0.00175
-7.07	-35.36	0.00148	-14.14	-42.43	0.00108
-21.21	-49.50	0.00081	-28.28	-56.57	0.00062
-35.36	-63.64	0.00050	-42.43	-70.71	0.00041
-49.50	-77.78	0.00034	-56.57	-84.85	0.00029
91.92	49.50	0.00111	84.85	42.43	0.00128
77.78	35.36	0.00148	70.71	28.28	0.00174
63.64	21.21	0.00207	56.57	14.14	0.00251
49.50	7.07	0.00308	42.43	0.00	0.00385
38.89	-3.54	0.00435	35.36	-7.07	0.00499
33.23	-9.19	0.00548	31.82	-10.61	0.00586
30.41	-12.02	0.00631	28.99	-13.44	0.00683
27.58	-14.85	0.00746	14.85	-27.58	0.00359
13.44	-28.99	0.00323	12.02	-30.41	0.00294
10.61	-31.82	0.00270	9.19	-33.23	0.00248
7.07	-35.36	0.00221	3.54	-38.89	0.00185
0.00	-42.43	0.00157	-7.07	-49.50	0.00116
-14.14	-56.57	0.00087	-21.21	-63.64	0.00066
-28.28	-70.71	0.00052	-35.36	-77.78	0.00042
-42.43	-84.85	0.00035	-49.50	-91.92	0.00030
98.99	42.43	0.00102	91.92	35.36	0.00116
84.85	28.28	0.00134	77.78	21.21	0.00156
70.71	14.14	0.00185	63.64	7.07	0.00221
56.57	0.00	0.00267	49.50	-7.07	0.00324
45.96	-10.61	0.00360	42.43	-14.14	0.00401

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

20:01:50
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00430	38.89	-17.68	0.00452

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00478	36.06	-20.51	0.00508
34.65	-21.92	0.00548	21.92	-34.65	0.00360
20.51	-36.06	0.00326	19.09	-37.48	0.00298
17.68	-38.89	0.00275	16.26	-40.31	0.00254
14.14	-42.43	0.00227	10.61	-45.96	0.00191
7.07	-49.50	0.00162	0.00	-56.57	0.00121
-7.07	-63.64	0.00091	-14.14	-70.71	0.00070
-21.21	-77.78	0.00055	-28.28	-84.85	0.00044
-35.36	-91.92	0.00036	-42.43	-98.99	0.00030
106.07	35.36	0.00092	98.99	28.28	0.00105
91.92	21.21	0.00120	84.85	14.14	0.00138
77.78	7.07	0.00162	70.71	0.00	0.00190
63.64	-7.07	0.00224	56.57	-14.14	0.00264
53.03	-17.68	0.00287	49.50	-21.21	0.00313
47.38	-23.33	0.00329	45.96	-24.75	0.00341
44.55	-26.16	0.00354	43.13	-27.58	0.00369
41.72	-28.99	0.00385	28.99	-41.72	0.00347
27.58	-43.13	0.00318	26.16	-44.55	0.00294
24.75	-45.96	0.00272	23.33	-47.38	0.00253
21.21	-49.50	0.00228	17.68	-53.03	0.00192
14.14	-56.57	0.00164	7.07	-63.64	0.00123
0.00	-70.71	0.00094	-7.07	-77.78	0.00073
-14.14	-84.85	0.00057	-21.21	-91.92	0.00045
-28.28	-98.99	0.00037	-35.36	-106.07	0.00031
113.14	28.28	0.00083	106.07	21.21	0.00094
98.99	14.14	0.00106	91.92	7.07	0.00122
84.85	0.00	0.00141	77.78	-7.07	0.00164
70.71	-14.14	0.00190	63.64	-21.21	0.00221
60.10	-24.75	0.00239	56.57	-28.28	0.00258
54.45	-30.41	0.00272	53.03	-31.82	0.00282
51.62	-33.23	0.00292	50.20	-34.65	0.00302
48.79	-36.06	0.00312	36.06	-48.79	0.00305
34.65	-50.20	0.00290	33.23	-51.62	0.00275
31.82	-53.03	0.00259	30.41	-54.45	0.00244
28.28	-56.57	0.00221	24.75	-60.10	0.00190
21.21	-63.64	0.00163	14.14	-70.71	0.00123
7.07	-77.78	0.00095	0.00	-84.85	0.00074
-7.07	-91.92	0.00058	-14.14	-98.99	0.00046
-21.21	-106.07	0.00038	-28.28	-113.14	0.00031

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00075	113.14	14.14	0.00084
106.07	7.07	0.00095	98.99	0.00	0.00109
91.92	-7.07	0.00124	84.85	-14.14	0.00143
77.78	-21.21	0.00165	70.71	-28.28	0.00190
67.18	-31.82	0.00205	63.64	-35.36	0.00222
61.52	-37.48	0.00232	60.10	-38.89	0.00238
58.69	-40.31	0.00245	57.28	-41.72	0.00251
55.86	-43.13	0.00258	43.13	-55.86	0.00259
41.72	-57.28	0.00250	40.31	-58.69	0.00240
38.89	-60.10	0.00230	37.48	-61.52	0.00220
35.36	-63.64	0.00205	31.82	-67.18	0.00181
28.28	-70.71	0.00158	21.21	-77.78	0.00121
14.14	-84.85	0.00094	7.07	-91.92	0.00074
0.00	-98.99	0.00059	-7.07	-106.07	0.00047
-14.14	-113.14	0.00038	-21.21	-120.21	0.00032
127.28	14.14	0.00068	120.21	7.07	0.00076
113.14	0.00	0.00086	106.07	-7.07	0.00098
98.99	-14.14	0.00111	91.92	-21.21	0.00127
84.85	-28.28	0.00145	77.78	-35.36	0.00167
74.25	-38.89	0.00178	70.71	-42.43	0.00189
68.59	-44.55	0.00196	67.18	-45.96	0.00201
65.76	-47.38	0.00206	64.35	-48.79	0.00211
62.93	-50.20	0.00216	50.20	-62.93	0.00217
48.79	-64.35	0.00213	47.38	-65.76	0.00207
45.96	-67.18	0.00200	44.55	-68.59	0.00193
42.43	-70.71	0.00182	38.89	-74.25	0.00165
35.36	-77.78	0.00148	28.28	-84.85	0.00117
21.21	-91.92	0.00093	14.14	-98.99	0.00074
7.07	-106.07	0.00059	0.00	-113.14	0.00048
-7.07	-120.21	0.00039	-14.14	-127.28	0.00032
134.35	7.07	0.00063	127.28	0.00	0.00070
120.21	-7.07	0.00078	113.14	-14.14	0.00089
106.07	-21.21	0.00100	98.99	-28.28	0.00114
91.92	-35.36	0.00129	84.85	-42.43	0.00145
81.32	-45.96	0.00153	77.78	-49.50	0.00162
75.66	-51.62	0.00167	74.25	-53.03	0.00171
72.83	-54.45	0.00175	71.42	-55.86	0.00178
70.00	-57.28	0.00181	57.28	-70.00	0.00183
55.86	-71.42	0.00180	54.45	-72.83	0.00177

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00173 51.62 -75.66 0.00168

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

20:01:50

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00160	45.96	-81.32	0.00146
42.43	-84.85	0.00134	35.36	-91.92	0.00111
28.28	-98.99	0.00090	21.21	-106.07	0.00073
14.14	-113.14	0.00059	7.07	-120.21	0.00048
0.00	-127.28	0.00040	-7.07	-134.35	0.00033
141.42	0.00	0.00058	134.35	-7.07	0.00064
127.28	-14.14	0.00072	120.21	-21.21	0.00081
113.14	-28.28	0.00091	106.07	-35.36	0.00103
98.99	-42.43	0.00115	91.92	-49.50	0.00126
88.39	-53.03	0.00132	84.85	-56.57	0.00139
82.73	-58.69	0.00144	81.32	-60.10	0.00147
79.90	-61.52	0.00150	78.49	-62.93	0.00152
77.07	-64.35	0.00153	64.35	-77.07	0.00154
62.93	-78.49	0.00153	61.52	-79.90	0.00151
60.10	-81.32	0.00149	58.69	-82.73	0.00145
56.57	-84.85	0.00140	53.03	-88.39	0.00130
49.50	-91.92	0.00120	42.43	-98.99	0.00102
35.36	-106.07	0.00086	28.28	-113.14	0.00071
21.21	-120.21	0.00059	14.14	-127.28	0.00049
7.07	-134.35	0.00040	0.00	-141.42	0.00033
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	0.00092
106.07	-49.50	0.00101	98.99	-56.57	0.00110
95.46	-60.10	0.00115	91.92	-63.64	0.00121
89.80	-65.76	0.00125	88.39	-67.18	0.00127
86.97	-68.59	0.00128	85.56	-70.00	0.00130
84.15	-71.42	0.00131	71.42	-84.15	0.00131
70.00	-85.56	0.00130	68.59	-86.97	0.00129
67.18	-88.39	0.00128	65.76	-89.80	0.00126
63.64	-91.92	0.00123	60.10	-95.46	0.00115
56.57	-98.99	0.00107	49.50	-106.07	0.00092
42.43	-113.14	0.00080	35.36	-120.21	0.00068

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00058	21.21	-134.35	0.00048
14.14	-141.42	0.00040	7.07	-148.49	0.00034
155.56	-14.14	0.00050	148.49	-21.21	0.00055
141.42	-28.28	0.00062	134.35	-35.36	0.00069
127.28	-42.43	0.00076	120.21	-49.50	0.00083
113.14	-56.57	0.00089	106.07	-63.64	0.00097
102.53	-67.18	0.00101	98.99	-70.71	0.00106

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

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

20:01:50

**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	0.00108	95.46	-74.25	0.00110
94.05	-75.66	0.00111	92.63	-77.07	0.00112
91.22	-78.49	0.00113	78.49	-91.22	0.00113
77.07	-92.63	0.00112	75.66	-94.05	0.00112
74.25	-95.46	0.00111	72.83	-96.87	0.00110
70.71	-98.99	0.00107	67.18	-102.53	0.00102
63.64	-106.07	0.00096	56.57	-113.14	0.00083
49.50	-120.21	0.00073	42.43	-127.28	0.00064
35.36	-134.35	0.00055	28.28	-141.42	0.00047
21.21	-148.49	0.00040	14.14	-155.56	0.00034
162.63	-21.21	0.00047	155.56	-28.28	0.00052
148.49	-35.36	0.00057	141.42	-42.43	0.00063
134.35	-49.50	0.00069	127.28	-56.57	0.00074
120.21	-63.64	0.00079	113.14	-70.71	0.00086
109.60	-74.25	0.00090	106.07	-77.78	0.00093
103.94	-79.90	0.00095	102.53	-81.32	0.00096
101.12	-82.73	0.00097	99.70	-84.15	0.00097
98.29	-85.56	0.00098	85.56	-98.29	0.00098
84.15	-99.70	0.00097	82.73	-101.12	0.00097
81.32	-102.53	0.00097	79.90	-103.94	0.00096
77.78	-106.07	0.00094	74.25	-109.60	0.00091
70.71	-113.14	0.00086	63.64	-120.21	0.00076
56.57	-127.28	0.00067	49.50	-134.35	0.00059
42.43	-141.42	0.00052	35.36	-148.49	0.00046
28.28	-155.56	0.00040	21.21	-162.63	0.00034
169.71	-28.28	0.00044	162.63	-35.36	0.00049
155.56	-42.43	0.00053	148.49	-49.50	0.00058

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00062	134.35	-63.64	0.00066
127.28	-70.71	0.00071	120.21	-77.78	0.00077
116.67	-81.32	0.00080	113.14	-84.85	0.00082
111.02	-86.97	0.00084	109.60	-88.39	0.00084
108.19	-89.80	0.00085	106.77	-91.22	0.00085
105.36	-92.63	0.00085	92.63	-105.36	0.00085
91.22	-106.77	0.00085	89.80	-108.19	0.00085
88.39	-109.60	0.00085	86.97	-111.02	0.00084
84.85	-113.14	0.00083	81.32	-116.67	0.00081
77.78	-120.21	0.00077	70.71	-127.28	0.00069
63.64	-134.35	0.00061	56.57	-141.42	0.00055
49.50	-148.49	0.00049	42.43	-155.56	0.00044
35.36	-162.63	0.00039	28.28	-169.71	0.00034

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

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

20:01:50

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00042	169.71	-42.43	0.00046
162.63	-49.50	0.00049	155.56	-56.57	0.00053
148.49	-63.64	0.00056	141.42	-70.71	0.00060
134.35	-77.78	0.00064	127.28	-84.85	0.00069
123.74	-88.39	0.00071	120.21	-91.92	0.00073
118.09	-94.05	0.00074	116.67	-95.46	0.00075
115.26	-96.87	0.00075	113.84	-98.29	0.00075
112.43	-99.70	0.00075	99.70	-112.43	0.00075
98.29	-113.84	0.00075	96.87	-115.26	0.00075
95.46	-116.67	0.00075	94.05	-118.09	0.00075
91.92	-120.21	0.00074	88.39	-123.74	0.00072
84.85	-127.28	0.00070	77.78	-134.35	0.00063
70.71	-141.42	0.00056	63.64	-148.49	0.00051
56.57	-155.56	0.00046	49.50	-162.63	0.00041
42.43	-169.71	0.00037	35.36	-176.78	0.00033
183.85	-42.43	0.00039	176.78	-49.50	0.00043
169.71	-56.57	0.00046	162.63	-63.64	0.00048
155.56	-70.71	0.00051	148.49	-77.78	0.00054
141.42	-84.85	0.00058	134.35	-91.92	0.00062
130.81	-95.46	0.00064	127.28	-98.99	0.00066
125.16	-101.12	0.00066	123.74	-102.53	0.00067

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00067	120.92	-105.36	0.00067
119.50	-106.77	0.00067	106.77	-119.50	0.00067
105.36	-120.92	0.00067	103.94	-122.33	0.00067
102.53	-123.74	0.00067	101.12	-125.16	0.00066
98.99	-127.28	0.00066	95.46	-130.81	0.00065
91.92	-134.35	0.00063	84.85	-141.42	0.00058
77.78	-148.49	0.00052	70.71	-155.56	0.00047
63.64	-162.63	0.00043	56.57	-169.71	0.00039
49.50	-176.78	0.00035	42.43	-183.85	0.00032
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00042	169.71	-70.71	0.00044
162.63	-77.78	0.00047	155.56	-84.85	0.00049
148.49	-91.92	0.00053	141.42	-98.99	0.00056
137.89	-102.53	0.00058	134.35	-106.07	0.00059
132.23	-108.19	0.00059	130.81	-109.60	0.00060
129.40	-111.02	0.00060	127.99	-112.43	0.00060
126.57	-113.84	0.00060	113.84	-126.57	0.00060
112.43	-127.99	0.00060	111.02	-129.40	0.00060
109.60	-130.81	0.00060	108.19	-132.23	0.00059

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

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

20:01:50
 **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	0.00059	102.53	-137.89	0.00058
98.99	-141.42	0.00057	91.92	-148.49	0.00053
84.85	-155.56	0.00048	77.78	-162.63	0.00043
70.71	-169.71	0.00040	63.64	-176.78	0.00036
56.57	-183.85	0.00033	49.50	-190.92	0.00030
197.99	-56.57	0.00035	190.92	-63.64	0.00037
183.85	-70.71	0.00039	176.78	-77.78	0.00041
169.71	-84.85	0.00043	162.63	-91.92	0.00045
155.56	-98.99	0.00048	148.49	-106.07	0.00051
144.96	-109.60	0.00052	141.42	-113.14	0.00053
139.30	-115.26	0.00054	137.89	-116.67	0.00054
136.47	-118.09	0.00054	135.06	-119.50	0.00054
133.64	-120.92	0.00054	120.92	-133.64	0.00054
119.50	-135.06	0.00054	118.09	-136.47	0.00054
116.67	-137.89	0.00054	115.26	-139.30	0.00054

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00053	109.60	-144.96	0.00053
106.07	-148.49	0.00052	98.99	-155.56	0.00049
91.92	-162.63	0.00045	84.85	-169.71	0.00041
77.78	-176.78	0.00037	70.71	-183.85	0.00034
63.64	-190.92	0.00031	56.57	-197.99	0.00029
205.06	-63.64	0.00033	197.99	-70.71	0.00034
190.92	-77.78	0.00036	183.85	-84.85	0.00037
176.78	-91.92	0.00039	169.71	-98.99	0.00041
162.63	-106.07	0.00044	155.56	-113.14	0.00047
152.03	-116.67	0.00048	148.49	-120.21	0.00048
146.37	-122.33	0.00049	144.96	-123.74	0.00049
143.54	-125.16	0.00049	142.13	-126.57	0.00049
140.71	-127.99	0.00049	127.99	-140.71	0.00049
126.57	-142.13	0.00049	125.16	-143.54	0.00049
123.74	-144.96	0.00049	122.33	-146.37	0.00048
120.21	-148.49	0.00048	116.67	-152.03	0.00048
113.14	-155.56	0.00047	106.07	-162.63	0.00045
98.99	-169.71	0.00042	91.92	-176.78	0.00038
84.85	-183.85	0.00035	77.78	-190.92	0.00032
70.71	-197.99	0.00030	63.64	-205.06	0.00027
212.13	-70.71	0.00030	205.06	-77.78	0.00032
197.99	-84.85	0.00033	190.92	-91.92	0.00035
183.85	-98.99	0.00036	176.78	-106.07	0.00038
169.71	-113.14	0.00041	162.63	-120.21	0.00043
159.10	-123.74	0.00043	155.56	-127.28	0.00044

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

20:01:50
 **MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00044	152.03	-130.81	0.00044
150.61	-132.23	0.00044	149.20	-133.64	0.00044
147.79	-135.06	0.00044	135.06	-147.79	0.00044
133.64	-149.20	0.00044	132.23	-150.61	0.00044
130.81	-152.03	0.00044	129.40	-153.44	0.00044
127.28	-155.56	0.00044	123.74	-159.10	0.00044
120.21	-162.63	0.00043	113.14	-169.71	0.00041
106.07	-176.78	0.00039	98.99	-183.85	0.00036
91.92	-190.92	0.00032	84.85	-197.99	0.00030

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

20:01:50
 **MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00025	226.27	-98.99	0.00026
219.20	-106.07	0.00027	212.13	-113.14	0.00028
205.06	-120.21	0.00029	197.99	-127.28	0.00031

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**MODELOPTs:

PAGE 82

CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00029	159.10	-194.45	0.00029
155.56	-197.99	0.00029	148.49	-205.06	0.00028
141.42	-212.13	0.00028	134.35	-219.20	0.00026
127.28	-226.27	0.00025	120.21	-233.35	0.00023
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 ***

20:01:50
 **MODELOPTs:
 PAGE 83

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00087	-113.14	240.42	0.00092
-120.21	233.35	0.00096	-127.28	226.27	0.00098
-134.35	219.20	0.00099	-141.42	212.13	0.00099
-148.49	205.06	0.00097	-155.56	197.99	0.00092
-159.10	194.45	0.00089	-162.63	190.92	0.00084
-164.76	188.80	0.00081	-166.17	187.38	0.00079
-167.58	185.97	0.00077	-169.00	184.55	0.00074
-170.41	183.14	0.00072	-183.14	170.41	0.00051
-184.55	169.00	0.00049	-185.97	167.58	0.00047
-187.38	166.17	0.00045	-188.80	164.76	0.00043
-190.92	162.63	0.00041	-194.45	159.10	0.00037
-197.99	155.56	0.00033	-205.06	148.49	0.00028
-212.13	141.42	0.00023	-219.20	134.35	0.00019
-226.27	127.28	0.00016	-233.35	120.21	0.00014
-240.42	113.14	0.00012	-247.49	106.07	0.00010
-98.99	240.42	0.00094	-106.07	233.35	0.00100
-113.14	226.27	0.00106	-120.21	219.20	0.00110
-127.28	212.13	0.00112	-134.35	205.06	0.00112
-141.42	197.99	0.00110	-148.49	190.92	0.00106
-152.03	187.38	0.00102	-155.56	183.85	0.00097
-157.68	181.73	0.00093	-159.10	180.31	0.00091
-160.51	178.90	0.00088	-161.93	177.48	0.00085
-163.34	176.07	0.00082	-176.07	163.34	0.00057
-177.48	161.93	0.00054	-178.90	160.51	0.00052
-180.31	159.10	0.00050	-181.73	157.68	0.00048
-183.85	155.56	0.00045	-187.38	152.03	0.00040

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00036	-197.99	141.42	0.00030
-205.06	134.35	0.00024	-212.13	127.28	0.00020
-219.20	120.21	0.00017	-226.27	113.14	0.00014
-233.35	106.07	0.00012	-240.42	98.99	0.00011
-91.92	233.35	0.00100	-98.99	226.27	0.00109
-106.07	219.20	0.00116	-113.14	212.13	0.00123
-120.21	205.06	0.00127	-127.28	197.99	0.00128
-134.35	190.92	0.00127	-141.42	183.85	0.00122
-144.96	180.31	0.00118	-148.49	176.78	0.00112
-150.61	174.66	0.00108	-152.03	173.24	0.00105
-153.44	171.83	0.00102	-154.86	170.41	0.00099
-156.27	169.00	0.00095	-169.00	156.27	0.00064
-170.41	154.86	0.00061	-171.83	153.44	0.00058
-173.24	152.03	0.00055	-174.66	150.61	0.00053

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

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

20:01:50

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00049	-180.31	144.96	0.00044
-183.85	141.42	0.00039	-190.92	134.35	0.00032
-197.99	127.28	0.00026	-205.06	120.21	0.00021
-212.13	113.14	0.00017	-219.20	106.07	0.00015
-226.27	99.00	0.00013	-233.35	91.92	0.00011
-84.85	226.27	0.00107	-91.92	219.20	0.00117
-98.99	212.13	0.00128	-106.07	205.06	0.00137
-113.14	197.99	0.00143	-120.21	190.92	0.00147
-127.28	183.85	0.00147	-134.35	176.78	0.00143
-137.89	173.24	0.00138	-141.42	169.71	0.00132
-143.54	167.58	0.00127	-144.96	166.17	0.00124
-146.37	164.76	0.00120	-147.79	163.34	0.00115
-149.20	161.93	0.00111	-161.93	149.20	0.00072
-163.34	147.79	0.00068	-164.76	146.37	0.00065
-166.17	144.96	0.00061	-167.58	143.54	0.00058
-169.71	141.42	0.00054	-173.24	137.89	0.00048
-176.78	134.35	0.00042	-183.85	127.28	0.00034
-190.92	120.21	0.00027	-197.99	113.14	0.00022
-205.06	106.07	0.00018	-212.13	99.00	0.00015
-219.20	91.92	0.00013	-226.27	84.85	0.00012

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00112	-84.85	212.13	0.00126
-91.92	205.06	0.00139	-98.99	197.99	0.00152
-106.07	190.92	0.00163	-113.14	183.85	0.00170
-120.21	176.78	0.00172	-127.28	169.71	0.00168
-130.81	166.17	0.00164	-134.35	162.63	0.00157
-136.47	160.51	0.00151	-137.89	159.10	0.00147
-139.30	157.68	0.00142	-140.71	156.27	0.00137
-142.13	154.86	0.00132	-154.86	142.13	0.00082
-156.27	140.71	0.00077	-157.68	139.30	0.00073
-159.10	137.89	0.00068	-160.51	136.47	0.00065
-162.63	134.35	0.00060	-166.17	130.81	0.00052
-169.71	127.28	0.00046	-176.78	120.21	0.00036
-183.85	113.14	0.00028	-190.92	106.07	0.00023
-197.99	99.00	0.00019	-205.06	91.92	0.00016
-212.13	84.85	0.00014	-219.20	77.78	0.00012
-70.71	212.13	0.00118	-77.78	205.06	0.00133
-84.85	197.99	0.00150	-91.92	190.92	0.00167
-98.99	183.85	0.00183	-106.07	176.78	0.00196
-113.14	169.71	0.00202	-120.21	162.63	0.00200
-123.74	159.10	0.00196	-127.28	155.56	0.00189

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

20:01:50
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00182	-130.81	152.03	0.00177
-132.23	150.61	0.00172	-133.64	149.20	0.00165
-135.06	147.79	0.00158	-147.79	135.06	0.00093
-149.20	133.64	0.00087	-150.61	132.23	0.00082
-152.03	130.81	0.00077	-153.44	129.40	0.00072
-155.56	127.28	0.00066	-159.10	123.74	0.00057
-162.63	120.21	0.00049	-169.71	113.14	0.00038
-176.78	106.07	0.00029	-183.85	98.99	0.00024
-190.92	91.92	0.00020	-197.99	84.85	0.00017
-205.06	77.78	0.00015	-212.13	70.71	0.00013
-63.64	205.06	0.00122	-70.71	197.99	0.00140
-77.78	190.92	0.00160	-84.85	183.85	0.00182
-91.92	176.78	0.00205	-98.99	169.71	0.00225
-106.07	162.63	0.00238	-113.14	155.56	0.00241

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00238	-120.21	148.49	0.00230
-122.33	146.37	0.00223	-123.74	144.96	0.00217
-125.16	143.54	0.00211	-126.57	142.13	0.00203
-127.99	140.71	0.00194	-140.71	127.99	0.00106
-142.13	126.57	0.00099	-143.54	125.16	0.00092
-144.96	123.74	0.00086	-146.37	122.33	0.00080
-148.49	120.21	0.00072	-152.03	116.67	0.00062
-155.56	113.14	0.00053	-162.63	106.07	0.00040
-169.71	98.99	0.00031	-176.78	91.92	0.00025
-183.85	84.85	0.00021	-190.92	77.78	0.00018
-197.99	70.71	0.00016	-205.06	63.64	0.00014
-56.57	197.99	0.00125	-63.64	190.92	0.00145
-70.71	183.85	0.00169	-77.78	176.78	0.00196
-84.85	169.71	0.00225	-91.92	162.63	0.00255
-98.99	155.56	0.00280	-106.07	148.49	0.00293
-109.60	144.96	0.00292	-113.14	141.42	0.00285
-115.26	139.30	0.00278	-116.67	137.89	0.00271
-118.09	136.47	0.00263	-119.50	135.06	0.00254
-120.92	133.64	0.00242	-133.64	120.92	0.00122
-135.06	119.50	0.00112	-136.47	118.09	0.00103
-137.89	116.67	0.00095	-139.30	115.26	0.00088
-141.42	113.14	0.00079	-144.96	109.60	0.00066
-148.49	106.07	0.00056	-155.56	98.99	0.00041
-162.63	91.92	0.00032	-169.71	84.85	0.00026
-176.78	77.78	0.00022	-183.85	70.71	0.00019
-190.92	63.64	0.00017	-197.99	56.57	0.00015

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

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

20:01:50
 **MODELOPTS:
 PAGE 86
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00128	-56.57	183.85	0.00150
-63.64	176.78	0.00176	-70.71	169.71	0.00208
-77.78	162.63	0.00244	-84.85	155.56	0.00285
-91.92	148.49	0.00325	-98.99	141.42	0.00356
-102.53	137.89	0.00362	-106.07	134.35	0.00359
-108.19	132.23	0.00352	-109.60	130.81	0.00345
-111.02	129.40	0.00336	-112.43	127.99	0.00324
-113.84	126.57	0.00310	-126.57	113.84	0.00139

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00126	-129.40	111.02	0.00115
-130.81	109.60	0.00105	-132.23	108.19	0.00096
-134.35	106.07	0.00085	-137.89	102.53	0.00070
-141.42	98.99	0.00059	-148.49	91.92	0.00044
-155.56	84.85	0.00034	-162.63	77.78	0.00028
-169.71	70.71	0.00024	-176.78	63.64	0.00021
-183.85	56.57	0.00019	-190.92	49.50	0.00016
-42.43	183.85	0.00130	-49.50	176.78	0.00154
-56.57	169.71	0.00182	-63.64	162.63	0.00218
-70.71	155.56	0.00260	-77.78	148.49	0.00310
-84.85	141.42	0.00367	-91.92	134.35	0.00424
-95.46	130.81	0.00445	-98.99	127.28	0.00455
-101.12	125.16	0.00452	-102.53	123.74	0.00447
-103.94	122.33	0.00438	-105.36	120.92	0.00424
-106.77	119.50	0.00407	-119.50	106.77	0.00157
-120.92	105.36	0.00140	-122.33	103.94	0.00126
-123.74	102.53	0.00113	-125.16	101.12	0.00103
-127.28	98.99	0.00090	-130.81	95.46	0.00073
-134.35	91.92	0.00062	-141.42	84.85	0.00046
-148.49	77.78	0.00037	-155.56	70.71	0.00031
-162.63	63.64	0.00026	-169.71	56.57	0.00023
-176.78	49.50	0.00020	-183.85	42.43	0.00018
-35.36	176.78	0.00133	-42.43	169.71	0.00157
-49.50	162.63	0.00187	-56.57	155.56	0.00226
-63.64	148.49	0.00274	-70.71	141.42	0.00333
-77.78	134.35	0.00404	-84.85	127.28	0.00485
-88.39	123.74	0.00528	-91.92	120.21	0.00564
-94.05	118.09	0.00578	-95.46	116.67	0.00582
-96.87	115.26	0.00579	-98.29	113.84	0.00570
-99.70	112.43	0.00552	-112.43	99.70	0.00172
-113.84	98.29	0.00150	-115.26	96.87	0.00133
-116.67	95.46	0.00119	-118.09	94.05	0.00108

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

20:01:50
 **MODELOPTs:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00094	-123.74	88.39	0.00077
-127.28	84.85	0.00065	-134.35	77.78	0.00050

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00040	-148.49	63.64	0.00033
-155.56	56.57	0.00028	-162.63	49.50	0.00024
-169.71	42.43	0.00021	-176.78	35.36	0.00019
-28.28	169.71	0.00135	-35.36	162.63	0.00160
-42.43	155.56	0.00192	-49.50	148.49	0.00233
-56.57	141.42	0.00286	-63.64	134.35	0.00353
-70.71	127.28	0.00437	-77.78	120.21	0.00540
-81.32	116.67	0.00598	-84.85	113.14	0.00659
-86.97	111.02	0.00694	-88.39	109.60	0.00715
-89.80	108.19	0.00735	-91.22	106.77	0.00751
-92.63	105.36	0.00757	-105.36	92.63	0.00182
-106.77	91.22	0.00158	-108.19	89.80	0.00140
-109.60	88.39	0.00125	-111.02	86.97	0.00113
-113.14	84.85	0.00099	-116.67	81.32	0.00082
-120.21	77.78	0.00070	-127.28	70.71	0.00053
-134.35	63.64	0.00043	-141.42	56.57	0.00036
-148.49	49.50	0.00031	-155.56	42.43	0.00026
-162.63	35.36	0.00023	-169.71	28.28	0.00020
-21.21	162.63	0.00136	-28.28	155.56	0.00162
-35.36	148.49	0.00195	-42.43	141.42	0.00238
-49.50	134.35	0.00295	-56.57	127.28	0.00370
-63.64	120.21	0.00465	-70.71	113.14	0.00587
-74.25	109.60	0.00659	-77.78	106.07	0.00737
-79.90	103.94	0.00786	-81.32	102.53	0.00817
-82.73	101.12	0.00849	-84.15	99.70	0.00886
-85.56	98.29	0.00922	-98.29	85.56	0.00200
-99.70	84.15	0.00172	-101.12	82.73	0.00151
-102.53	81.32	0.00135	-103.94	79.90	0.00122
-106.07	77.78	0.00107	-109.60	74.25	0.00089
-113.14	70.71	0.00076	-120.21	63.64	0.00058
-127.28	56.57	0.00047	-134.35	49.50	0.00039
-141.42	42.43	0.00033	-148.49	35.36	0.00029
-155.56	28.28	0.00025	-162.63	21.21	0.00022
-14.14	155.56	0.00137	-21.21	148.49	0.00162
-28.28	141.42	0.00195	-35.36	134.35	0.00239
-42.43	127.28	0.00297	-49.50	120.21	0.00375
-56.57	113.14	0.00478	-63.64	106.07	0.00609
-67.18	102.53	0.00687	-70.71	98.99	0.00773

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

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

20:01:50
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00827	-74.25	95.46	0.00862	
-75.66	94.05	0.00898	-77.07	92.63	0.00937	
-78.49	91.22	0.00981	-91.22	78.49	0.00240	
-92.63	77.07	0.00201	-94.05	75.66	0.00173	
-95.46	74.25	0.00152	-96.87	72.83	0.00136	
-98.99	70.71	0.00118	-102.53	67.18	0.00098	
-106.07	63.64	0.00083	-113.14	56.57	0.00065	
-120.21	49.50	0.00052	-127.28	42.43	0.00044	
-134.35	35.36	0.00037	-141.42	28.28	0.00031	
-148.49	21.21	0.00027	-155.56	14.14	0.00023	
-7.07	148.49	0.00136	-14.14	141.42	0.00161	
-21.21	134.35	0.00193	-28.28	127.28	0.00235	
-35.36	120.21	0.00292	-42.43	113.14	0.00369	
-49.50	106.07	0.00473	-56.57	98.99	0.00610	
-60.10	95.46	0.00690	-63.64	91.92	0.00781	
-65.76	89.80	0.00840	-67.18	88.39	0.00881	
-68.59	86.97	0.00921	-70.00	85.56	0.00963	
-71.42	84.15	0.01012	-84.15	71.42	0.00283	
-85.56	70.00	0.00239	-86.97	68.59	0.00206	
-88.39	67.18	0.00181	-89.80	65.76	0.00160	
-91.92	63.64	0.00137	-95.46	60.10	0.00110	
-98.99	56.57	0.00092	-106.07	49.50	0.00071	
-113.14	42.43	0.00058	-120.21	35.36	0.00048	
-127.28	28.28	0.00040	-134.35	21.21	0.00034	
-141.42	14.14	0.00029	-148.49	7.07	0.00025	
0.00	141.42	0.00133	-7.07	134.35	0.00157	
-14.14	127.28	0.00187	-21.21	120.21	0.00227	
-28.28	113.14	0.00280	-35.36	106.07	0.00353	
-42.43	98.99	0.00454	-49.50	91.92	0.00592	
-53.03	88.39	0.00677	-56.57	84.85	0.00773	
-58.69	82.73	0.00835	-60.10	81.32	0.00878	
-61.52	79.90	0.00923	-62.93	78.49	0.00968	
-64.35	77.07	0.01020	-77.07	64.35	0.00317	
-78.49	62.93	0.00270	-79.90	61.52	0.00235	
-81.32	60.10	0.00208	-82.73	58.69	0.00186	
-84.85	56.57	0.00160	-88.39	53.03	0.00127	
-91.92	49.50	0.00105	-98.99	42.43	0.00079	
-106.07	35.36	0.00063	-113.14	28.28	0.00051	
-120.21	21.21	0.00043	-127.28	14.14	0.00036	
-134.35	7.07	0.00031	-141.42	0.00	0.00026	

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

*** NCRA Cumulative DPM Impacts

20:01:50

**MODELOPTs:

PAGE 89

*** 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	0.00130	0.00	127.28	0.00152
-7.07	120.21	0.00180	-14.14	113.14	0.00216
-21.21	106.07	0.00265	-28.28	98.99	0.00331
-35.36	91.92	0.00423	-42.43	84.85	0.00558
-45.96	81.32	0.00645	-49.50	77.78	0.00744
-51.62	75.66	0.00808	-53.03	74.25	0.00854
-54.45	72.83	0.00901	-55.86	71.42	0.00950
-57.28	70.00	0.01004	-70.00	57.28	0.00339
-71.42	55.86	0.00293	-72.83	54.45	0.00258
-74.25	53.03	0.00230	-75.66	51.62	0.00207
-77.78	49.50	0.00180	-81.32	45.96	0.00146
-84.85	42.43	0.00121	-91.92	35.36	0.00088
-98.99	28.28	0.00068	-106.07	21.21	0.00055
-113.14	14.14	0.00045	-120.21	7.07	0.00038
-127.28	0.00	0.00032	-134.35	-7.07	0.00027
14.14	127.28	0.00125	7.07	120.21	0.00145
0.00	113.14	0.00171	-7.07	106.07	0.00204
-14.14	98.99	0.00247	-21.21	91.92	0.00304
-28.28	84.85	0.00386	-35.36	77.78	0.00509
-38.89	74.25	0.00591	-42.43	70.71	0.00689
-44.55	68.59	0.00755	-45.96	67.18	0.00801
-47.38	65.76	0.00851	-48.79	64.35	0.00903
-50.20	62.93	0.00960	-62.93	50.20	0.00352
-64.35	48.79	0.00308	-65.76	47.38	0.00274
-67.18	45.96	0.00246	-68.59	44.55	0.00224
-70.71	42.43	0.00196	-74.25	38.89	0.00162
-77.78	35.36	0.00136	-84.85	28.28	0.00099
-91.92	21.21	0.00074	-98.99	14.14	0.00058
-106.07	7.07	0.00047	-113.14	0.00	0.00039
-120.21	-7.07	0.00033	-127.28	-14.14	0.00028
21.21	120.21	0.00118	14.14	113.14	0.00137
7.07	106.07	0.00161	0.00	98.99	0.00190
-7.07	91.92	0.00228	-14.14	84.85	0.00278
-21.21	77.78	0.00347	-28.28	70.71	0.00447

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00516	-35.36	63.64	0.00604
-37.48	61.52	0.00667	-38.89	60.10	0.00713
-40.31	58.69	0.00764	-41.72	57.28	0.00819
-43.13	55.86	0.00881	-55.86	43.13	0.00357
-57.28	41.72	0.00316	-58.69	40.31	0.00285
-60.10	38.89	0.00259	-61.52	37.48	0.00238

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

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

20:01:50

**MODELOPTs:

PAGE 90

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00210	-67.18	31.82	0.00175
-70.71	28.28	0.00148	-77.78	21.21	0.00108
-84.85	14.14	0.00081	-91.92	7.07	0.00062
-98.99	0.00	0.00050	-106.07	-7.07	0.00041
-113.14	-14.14	0.00034	-120.21	-21.21	0.00029
28.28	113.14	0.00111	21.21	106.07	0.00128
14.14	98.99	0.00148	7.07	91.92	0.00174
0.00	84.85	0.00207	-7.07	77.78	0.00251
-14.14	70.71	0.00308	-21.21	63.64	0.00385
-24.75	60.10	0.00435	-28.28	56.57	0.00499
-30.41	54.45	0.00548	-31.82	53.03	0.00586
-33.23	51.62	0.00631	-34.65	50.20	0.00683
-36.06	48.79	0.00746	-48.79	36.06	0.00359
-50.20	34.65	0.00323	-51.62	33.23	0.00294
-53.03	31.82	0.00270	-54.45	30.41	0.00248
-56.57	28.28	0.00221	-60.10	24.75	0.00185
-63.64	21.21	0.00157	-70.71	14.14	0.00116
-77.78	7.07	0.00087	-84.85	0.00	0.00066
-91.92	-7.07	0.00052	-98.99	-14.14	0.00042
-106.07	-21.21	0.00035	-113.14	-28.28	0.00030
35.36	106.07	0.00102	28.28	98.99	0.00116
21.21	91.92	0.00134	14.14	84.85	0.00156
7.07	77.78	0.00185	0.00	70.71	0.00221
-7.07	63.64	0.00267	-14.14	56.57	0.00324
-17.68	53.03	0.00360	-21.21	49.50	0.00401
-23.33	47.38	0.00430	-24.75	45.96	0.00452
-26.16	44.55	0.00478	-27.58	43.13	0.00508
-28.99	41.72	0.00548	-41.72	28.99	0.00360

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00326	-44.55	26.16	0.00298
-45.96	24.75	0.00275	-47.38	23.33	0.00254
-49.50	21.21	0.00227	-53.03	17.68	0.00191
-56.57	14.14	0.00162	-63.64	7.07	0.00121
-70.71	0.00	0.00091	-77.78	-7.07	0.00070
-84.85	-14.14	0.00055	-91.92	-21.21	0.00044
-98.99	-28.28	0.00036	-106.07	-35.36	0.00030
42.43	98.99	0.00092	35.36	91.92	0.00105
28.28	84.85	0.00120	21.21	77.78	0.00138
14.14	70.71	0.00162	7.07	63.64	0.00190
0.00	56.57	0.00224	-7.07	49.50	0.00264
-10.61	45.96	0.00287	-14.14	42.43	0.00313

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

20:01:50

**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	0.00329	-17.68	38.89	0.00341
-19.09	37.48	0.00354	-20.51	36.06	0.00369
-21.92	34.65	0.00385	-34.65	21.92	0.00347
-36.06	20.51	0.00318	-37.48	19.09	0.00294
-38.89	17.68	0.00272	-40.31	16.26	0.00253
-42.43	14.14	0.00228	-45.96	10.61	0.00192
-49.50	7.07	0.00164	-56.57	0.00	0.00123
-63.64	-7.07	0.00094	-70.71	-14.14	0.00073
-77.78	-21.21	0.00057	-84.85	-28.28	0.00045
-91.92	-35.36	0.00037	-98.99	-42.43	0.00031
49.50	91.92	0.00083	42.43	84.85	0.00094
35.36	77.78	0.00106	28.28	70.71	0.00122
21.21	63.64	0.00141	14.14	56.57	0.00164
7.07	49.50	0.00190	0.00	42.43	0.00221
-3.54	38.89	0.00239	-7.07	35.36	0.00258
-9.19	33.23	0.00272	-10.61	31.82	0.00282
-12.02	30.41	0.00292	-13.44	28.99	0.00302
-14.85	27.58	0.00312	-27.58	14.85	0.00305
-28.99	13.44	0.00290	-30.41	12.02	0.00275
-31.82	10.61	0.00259	-33.23	9.19	0.00244
-35.36	7.07	0.00221	-38.89	3.54	0.00190
-42.43	0.00	0.00163	-49.50	-7.07	0.00123

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00095	-63.64	-21.21	0.00074
-70.71	-28.28	0.00058	-77.78	-35.36	0.00046
-84.85	-42.43	0.00038	-91.92	-49.50	0.00031
56.57	84.85	0.00075	49.50	77.78	0.00084
42.43	70.71	0.00095	35.36	63.64	0.00109
28.28	56.57	0.00124	21.21	49.50	0.00143
14.14	42.43	0.00165	7.07	35.36	0.00190
3.54	31.82	0.00205	0.00	28.28	0.00222
-2.12	26.16	0.00232	-3.54	24.75	0.00238
-4.95	23.33	0.00245	-6.36	21.92	0.00251
-7.78	20.51	0.00258	-20.51	7.78	0.00259
-21.92	6.36	0.00250	-23.33	4.95	0.00240
-24.75	3.54	0.00230	-26.16	2.12	0.00220
-28.28	0.00	0.00205	-31.82	-3.54	0.00181
-35.36	-7.07	0.00158	-42.43	-14.14	0.00121
-49.50	-21.21	0.00094	-56.57	-28.28	0.00074
-63.64	-35.36	0.00059	-70.71	-42.43	0.00047
-77.78	-49.50	0.00038	-84.85	-56.57	0.00032

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

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

20:01:50
 **MODELOPTs:
 PAGE 92

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00068	56.57	70.71	0.00076
49.50	63.64	0.00086	42.43	56.57	0.00098
35.36	49.50	0.00111	28.28	42.43	0.00127
21.21	35.36	0.00145	14.14	28.28	0.00167
10.61	24.75	0.00178	7.07	21.21	0.00189
4.95	19.09	0.00196	3.54	17.68	0.00201
2.12	16.26	0.00206	0.71	14.85	0.00211
-0.71	13.44	0.00216	-13.44	0.71	0.00217
-14.85	-0.71	0.00213	-16.26	-2.12	0.00207
-17.68	-3.54	0.00200	-19.09	-4.95	0.00193
-21.21	-7.07	0.00182	-24.75	-10.61	0.00165
-28.28	-14.14	0.00148	-35.36	-21.21	0.00117
-42.43	-28.28	0.00093	-49.50	-35.36	0.00074
-56.57	-42.43	0.00059	-63.64	-49.50	0.00048
-70.71	-56.57	0.00039	-77.78	-63.64	0.00032
70.71	70.71	0.00063	63.64	63.64	0.00070

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00078	49.50	49.50	0.00089
42.43	42.43	0.00100	35.36	35.36	0.00114
28.28	28.28	0.00129	21.21	21.21	0.00145
17.68	17.68	0.00153	14.14	14.14	0.00162
12.02	12.02	0.00167	10.61	10.61	0.00171
9.19	9.19	0.00175	7.78	7.78	0.00178
6.36	6.36	0.00181	-6.36	-6.36	0.00183
-7.78	-7.78	0.00180	-9.19	-9.19	0.00177
-10.61	-10.61	0.00173	-12.02	-12.02	0.00168
-14.14	-14.14	0.00160	-17.68	-17.68	0.00146
-21.21	-21.21	0.00134	-28.28	-28.28	0.00111
-35.36	-35.36	0.00090	-42.43	-42.43	0.00073
-49.50	-49.50	0.00059	-56.57	-56.57	0.00048
-63.64	-63.64	0.00040	-70.71	-70.71	0.00033
77.78	63.64	0.00058	70.71	56.57	0.00064
63.64	49.50	0.00072	56.57	42.43	0.00081
49.50	35.36	0.00091	42.43	28.28	0.00103
35.36	21.21	0.00114	28.28	14.14	0.00126
24.75	10.61	0.00132	21.21	7.07	0.00139
19.09	4.95	0.00144	17.68	3.54	0.00147
16.26	2.12	0.00150	14.85	0.71	0.00152
13.44	-0.71	0.00153	0.71	-13.44	0.00154
-0.71	-14.85	0.00153	-2.12	-16.26	0.00151
-3.54	-17.68	0.00149	-4.95	-19.09	0.00145

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

20:01:50
 **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	0.00140	-10.61	-24.75	0.00130
-14.14	-28.28	0.00120	-21.21	-35.36	0.00102
-28.28	-42.43	0.00086	-35.36	-49.50	0.00071
-42.43	-56.57	0.00059	-49.50	-63.64	0.00049
-56.57	-70.71	0.00040	-63.64	-77.78	0.00033
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	0.00092
42.43	14.14	0.00101	35.36	7.07	0.00110
31.82	3.54	0.00115	28.28	0.00	0.00121

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00125	24.75	-3.54	0.00127
23.33	-4.95	0.00128	21.92	-6.36	0.00130
20.51	-7.78	0.00131	7.78	-20.51	0.00131
6.36	-21.92	0.00130	4.95	-23.33	0.00129
3.54	-24.75	0.00128	2.12	-26.16	0.00126
0.00	-28.28	0.00123	-3.54	-31.82	0.00115
-7.07	-35.36	0.00107	-14.14	-42.43	0.00092
-21.21	-49.50	0.00080	-28.28	-56.57	0.00068
-35.36	-63.64	0.00058	-42.43	-70.71	0.00048
-49.50	-77.78	0.00040	-56.57	-84.85	0.00034
91.92	49.50	0.00050	84.85	42.43	0.00055
77.78	35.36	0.00062	70.71	28.28	0.00069
63.64	21.21	0.00076	56.57	14.14	0.00083
49.50	7.07	0.00089	42.43	0.00	0.00097
38.89	-3.54	0.00101	35.36	-7.07	0.00106
33.23	-9.19	0.00108	31.82	-10.61	0.00110
30.41	-12.02	0.00111	28.99	-13.44	0.00112
27.58	-14.85	0.00113	14.85	-27.58	0.00113
13.44	-28.99	0.00112	12.02	-30.41	0.00112
10.61	-31.82	0.00111	9.19	-33.23	0.00110
7.07	-35.36	0.00107	3.54	-38.89	0.00102
0.00	-42.43	0.00096	-7.07	-49.50	0.00083
-14.14	-56.57	0.00073	-21.21	-63.64	0.00064
-28.28	-70.71	0.00055	-35.36	-77.78	0.00047
-42.43	-84.85	0.00040	-49.50	-91.92	0.00034
98.99	42.43	0.00047	91.92	35.36	0.00052
84.85	28.28	0.00057	77.78	21.21	0.00063
70.71	14.14	0.00069	63.64	7.07	0.00074
56.57	0.00	0.00079	49.50	-7.07	0.00086
45.96	-10.61	0.00090	42.43	-14.14	0.00093

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

20:01:50
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00095	38.89	-17.68	0.00096
37.48	-19.09	0.00097	36.06	-20.51	0.00097
34.65	-21.92	0.00098	21.92	-34.65	0.00098
20.51	-36.06	0.00097	19.09	-37.48	0.00097

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00097	16.26	-40.31	0.00096
14.14	-42.43	0.00094	10.61	-45.96	0.00091
7.07	-49.50	0.00086	0.00	-56.57	0.00076
-7.07	-63.64	0.00067	-14.14	-70.71	0.00059
-21.21	-77.78	0.00052	-28.28	-84.85	0.00046
-35.36	-91.92	0.00040	-42.43	-98.99	0.00034
106.07	35.36	0.00044	98.99	28.28	0.00049
91.92	21.21	0.00053	84.85	14.14	0.00058
77.78	7.07	0.00062	70.71	0.00	0.00066
63.64	-7.07	0.00071	56.57	-14.14	0.00077
53.03	-17.68	0.00080	49.50	-21.21	0.00082
47.38	-23.33	0.00084	45.96	-24.75	0.00084
44.55	-26.16	0.00085	43.13	-27.58	0.00085
41.72	-28.99	0.00085	28.99	-41.72	0.00085
27.58	-43.13	0.00085	26.16	-44.55	0.00085
24.75	-45.96	0.00085	23.33	-47.38	0.00084
21.21	-49.50	0.00083	17.68	-53.03	0.00081
14.14	-56.57	0.00077	7.07	-63.64	0.00069
0.00	-70.71	0.00061	-7.07	-77.78	0.00055
-14.14	-84.85	0.00049	-21.21	-91.92	0.00044
-28.28	-98.99	0.00039	-35.36	-106.07	0.00034
113.14	28.28	0.00042	106.07	21.21	0.00046
98.99	14.14	0.00049	91.92	7.07	0.00053
84.85	0.00	0.00056	77.78	-7.07	0.00060
70.71	-14.14	0.00064	63.64	-21.21	0.00069
60.10	-24.75	0.00071	56.57	-28.28	0.00073
54.45	-30.41	0.00074	53.03	-31.82	0.00075
51.62	-33.23	0.00075	50.20	-34.65	0.00075
48.79	-36.06	0.00075	36.06	-48.79	0.00075
34.65	-50.20	0.00075	33.23	-51.62	0.00075
31.82	-53.03	0.00075	30.41	-54.45	0.00075
28.28	-56.57	0.00074	24.75	-60.10	0.00072
21.21	-63.64	0.00070	14.14	-70.71	0.00063
7.07	-77.78	0.00056	0.00	-84.85	0.00051
-7.07	-91.92	0.00046	-14.14	-98.99	0.00041
-21.21	-106.07	0.00037	-28.28	-113.14	0.00033

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

20:01:50
 **MODELOPTs:
 PAGE 95

CONC URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00043
106.07	7.07	0.00046	98.99	0.00	0.00048
91.92	-7.07	0.00051	84.85	-14.14	0.00054
77.78	-21.21	0.00058	70.71	-28.28	0.00062
67.18	-31.82	0.00064	63.64	-35.36	0.00066
61.52	-37.48	0.00066	60.10	-38.89	0.00067
58.69	-40.31	0.00067	57.28	-41.72	0.00067
55.86	-43.13	0.00067	43.13	-55.86	0.00067
41.72	-57.28	0.00067	40.31	-58.69	0.00067
38.89	-60.10	0.00067	37.48	-61.52	0.00066
35.36	-63.64	0.00066	31.82	-67.18	0.00065
28.28	-70.71	0.00063	21.21	-77.78	0.00058
14.14	-84.85	0.00052	7.07	-91.92	0.00047
0.00	-98.99	0.00043	-7.07	-106.07	0.00039
-14.14	-113.14	0.00035	-21.21	-120.21	0.00032
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00042	106.07	-7.07	0.00044
98.99	-14.14	0.00047	91.92	-21.21	0.00049
84.85	-28.28	0.00053	77.78	-35.36	0.00056
74.25	-38.89	0.00058	70.71	-42.43	0.00059
68.59	-44.55	0.00059	67.18	-45.96	0.00060
65.76	-47.38	0.00060	64.35	-48.79	0.00060
62.93	-50.20	0.00060	50.20	-62.93	0.00060
48.79	-64.35	0.00060	47.38	-65.76	0.00060
45.96	-67.18	0.00060	44.55	-68.59	0.00059
42.43	-70.71	0.00059	38.89	-74.25	0.00058
35.36	-77.78	0.00057	28.28	-84.85	0.00053
21.21	-91.92	0.00048	14.14	-98.99	0.00043
7.07	-106.07	0.00040	0.00	-113.14	0.00036
-7.07	-120.21	0.00033	-14.14	-127.28	0.00030
134.35	7.07	0.00035	127.28	0.00	0.00037
120.21	-7.07	0.00039	113.14	-14.14	0.00041
106.07	-21.21	0.00043	98.99	-28.28	0.00045
91.92	-35.36	0.00048	84.85	-42.43	0.00051
81.32	-45.96	0.00052	77.78	-49.50	0.00053
75.66	-51.62	0.00054	74.25	-53.03	0.00054
72.83	-54.45	0.00054	71.42	-55.86	0.00054
70.00	-57.28	0.00054	57.28	-70.00	0.00054
55.86	-71.42	0.00054	54.45	-72.83	0.00054
53.03	-74.25	0.00054	51.62	-75.66	0.00054

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

*** NCRA Cumulative DPM Impacts

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

20:01:50
 **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	0.00053	45.96	-81.32	0.00053
42.43	-84.85	0.00052	35.36	-91.92	0.00049
28.28	-98.99	0.00045	21.21	-106.07	0.00041
14.14	-113.14	0.00037	7.07	-120.21	0.00034
0.00	-127.28	0.00031	-7.07	-134.35	0.00029
141.42	0.00	0.00033	134.35	-7.07	0.00034
127.28	-14.14	0.00036	120.21	-21.21	0.00037
113.14	-28.28	0.00039	106.07	-35.36	0.00041
98.99	-42.43	0.00044	91.92	-49.50	0.00047
88.39	-53.03	0.00048	84.85	-56.57	0.00048
82.73	-58.69	0.00049	81.32	-60.10	0.00049
79.90	-61.52	0.00049	78.49	-62.93	0.00049
77.07	-64.35	0.00049	64.35	-77.07	0.00049
62.93	-78.49	0.00049	61.52	-79.90	0.00049
60.10	-81.32	0.00049	58.69	-82.73	0.00048
56.57	-84.85	0.00048	53.03	-88.39	0.00048
49.50	-91.92	0.00047	42.43	-98.99	0.00045
35.36	-106.07	0.00042	28.28	-113.14	0.00038
21.21	-120.21	0.00035	14.14	-127.28	0.00032
7.07	-134.35	0.00030	0.00	-141.42	0.00027
148.49	-7.07	0.00030	141.42	-14.14	0.00032
134.35	-21.21	0.00033	127.28	-28.28	0.00035
120.21	-35.36	0.00036	113.14	-42.43	0.00038
106.07	-49.50	0.00041	98.99	-56.57	0.00043
95.46	-60.10	0.00043	91.92	-63.64	0.00044
89.80	-65.76	0.00044	88.39	-67.18	0.00044
86.97	-68.59	0.00044	85.56	-70.00	0.00044
84.15	-71.42	0.00044	71.42	-84.15	0.00044
70.00	-85.56	0.00044	68.59	-86.97	0.00044
67.18	-88.39	0.00044	65.76	-89.80	0.00044
63.64	-91.92	0.00044	60.10	-95.46	0.00044
56.57	-98.99	0.00043	49.50	-106.07	0.00041
42.43	-113.14	0.00039	35.36	-120.21	0.00036
28.28	-127.28	0.00032	21.21	-134.35	0.00030
14.14	-141.42	0.00028	7.07	-148.49	0.00026
155.56	-14.14	0.00028	148.49	-21.21	0.00030

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00031	134.35	-35.36	0.00032
127.28	-42.43	0.00034	120.21	-49.50	0.00036
113.14	-56.57	0.00038	106.07	-63.64	0.00039
102.53	-67.18	0.00040	98.99	-70.71	0.00040

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

20:01:50
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00034	109.60	-88.39	0.00034
108.19	-89.80	0.00034	106.77	-91.22	0.00034
105.36	-92.63	0.00034	92.63	-105.36	0.00034
91.22	-106.77	0.00034	89.80	-108.19	0.00034
88.39	-109.60	0.00034	86.97	-111.02	0.00034
84.85	-113.14	0.00034	81.32	-116.67	0.00034
77.78	-120.21	0.00034	70.71	-127.28	0.00033
63.64	-134.35	0.00031	56.57	-141.42	0.00029
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 ***

20:01:50

**MODELOPTs:

PAGE 98

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00029	101.12	-125.16	0.00029
98.99	-127.28	0.00029	95.46	-130.81	0.00029
91.92	-134.35	0.00029	84.85	-141.42	0.00028
77.78	-148.49	0.00028	70.71	-155.56	0.00026
63.64	-162.63	0.00025	56.57	-169.71	0.00023
49.50	-176.78	0.00021	42.43	-183.85	0.00020
190.92	-49.50	0.00021	183.85	-56.57	0.00021
176.78	-63.64	0.00022	169.71	-70.71	0.00023
162.63	-77.78	0.00024	155.56	-84.85	0.00025
148.49	-91.92	0.00026	141.42	-98.99	0.00027
137.89	-102.53	0.00027	134.35	-106.07	0.00027
132.23	-108.19	0.00027	130.81	-109.60	0.00027
129.40	-111.02	0.00027	127.99	-112.43	0.00027
126.57	-113.84	0.00027	113.84	-126.57	0.00027
112.43	-127.99	0.00027	111.02	-129.40	0.00027
109.60	-130.81	0.00027	108.19	-132.23	0.00027

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

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

20:01:50
 **MODELOPTs:
 PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00027	102.53	-137.89	0.00027
98.99	-141.42	0.00027	91.92	-148.49	0.00027
84.85	-155.56	0.00026	77.78	-162.63	0.00025
70.71	-169.71	0.00023	63.64	-176.78	0.00022
56.57	-183.85	0.00020	49.50	-190.92	0.00019
197.99	-56.57	0.00019	190.92	-63.64	0.00020
183.85	-70.71	0.00021	176.78	-77.78	0.00022
169.71	-84.85	0.00023	162.63	-91.92	0.00024
155.56	-98.99	0.00025	148.49	-106.07	0.00025
144.96	-109.60	0.00025	141.42	-113.14	0.00025
139.30	-115.26	0.00025	137.89	-116.67	0.00025
136.47	-118.09	0.00025	135.06	-119.50	0.00025
133.64	-120.92	0.00025	120.92	-133.64	0.00025
119.50	-135.06	0.00025	118.09	-136.47	0.00025
116.67	-137.89	0.00025	115.26	-139.30	0.00025
113.14	-141.42	0.00025	109.60	-144.96	0.00025
106.07	-148.49	0.00025	98.99	-155.56	0.00025
91.92	-162.63	0.00024	84.85	-169.71	0.00023

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

20:01:50

**MODELOPTs:

PAGE 100

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

20:01:50
 **MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00015	226.27	-98.99	0.00016
219.20	-106.07	0.00016	212.13	-113.14	0.00017
205.06	-120.21	0.00017	197.99	-127.28	0.00018
190.92	-134.35	0.00018	183.85	-141.42	0.00019
180.31	-144.96	0.00019	176.78	-148.49	0.00019
174.66	-150.61	0.00019	173.24	-152.03	0.00019

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

20:01:50
 **MODELOPTs:
 PAGE 102
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00130	-113.14	240.42	0.00154
-120.21	233.35	0.00182	-127.28	226.27	0.00218
-134.35	219.20	0.00260	-141.42	212.13	0.00310
-148.49	205.06	0.00367	-155.56	197.99	0.00424
-159.10	194.45	0.00445	-162.63	190.92	0.00455
-164.76	188.80	0.00452	-166.17	187.38	0.00447
-167.58	185.97	0.00438	-169.00	184.55	0.00424
-170.41	183.14	0.00407	-183.14	170.41	0.00157
-184.55	169.00	0.00140	-185.97	167.58	0.00126
-187.38	166.17	0.00113	-188.80	164.76	0.00103
-190.92	162.63	0.00090	-194.45	159.10	0.00073
-197.99	155.56	0.00062	-205.06	148.49	0.00046
-212.13	141.42	0.00037	-219.20	134.35	0.00031
-226.27	127.28	0.00026	-233.35	120.21	0.00023
-240.42	113.14	0.00020	-247.49	106.07	0.00018
-98.99	240.42	0.00133	-106.07	233.35	0.00157
-113.14	226.27	0.00187	-120.21	219.20	0.00226
-127.28	212.13	0.00274	-134.35	205.06	0.00333
-141.42	197.99	0.00404	-148.49	190.92	0.00485
-152.03	187.38	0.00528	-155.56	183.85	0.00564
-157.68	181.73	0.00578	-159.10	180.31	0.00582
-160.51	178.90	0.00579	-161.93	177.48	0.00570
-163.34	176.07	0.00552	-176.07	163.34	0.00172
-177.48	161.93	0.00150	-178.90	160.51	0.00133
-180.31	159.10	0.00119	-181.73	157.68	0.00108
-183.85	155.56	0.00094	-187.38	152.03	0.00077
-190.92	148.49	0.00065	-197.99	141.42	0.00050
-205.06	134.35	0.00040	-212.13	127.28	0.00033
-219.20	120.21	0.00028	-226.27	113.14	0.00024

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00021	-240.42	98.99	0.00019
-91.92	233.35	0.00135	-98.99	226.27	0.00160
-106.07	219.20	0.00192	-113.14	212.13	0.00233
-120.21	205.06	0.00286	-127.28	197.99	0.00353
-134.35	190.92	0.00437	-141.42	183.85	0.00540
-144.96	180.31	0.00598	-148.49	176.78	0.00659
-150.61	174.66	0.00694	-152.03	173.24	0.00715
-153.44	171.83	0.00735	-154.86	170.41	0.00751
-156.27	169.00	0.00757	-169.00	156.27	0.00182
-170.41	154.86	0.00158	-171.83	153.44	0.00140
-173.24	152.03	0.00125	-174.66	150.61	0.00113

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

20:01:50
 **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	0.00099	-180.31	144.96	0.00082
-183.85	141.42	0.00070	-190.92	134.35	0.00053
-197.99	127.28	0.00043	-205.06	120.21	0.00036
-212.13	113.14	0.00031	-219.20	106.07	0.00026
-226.27	99.00	0.00023	-233.35	91.92	0.00020
-84.85	226.27	0.00136	-91.92	219.20	0.00162
-98.99	212.13	0.00195	-106.07	205.06	0.00238
-113.14	197.99	0.00295	-120.21	190.92	0.00370
-127.28	183.85	0.00465	-134.35	176.78	0.00587
-137.89	173.24	0.00659	-141.42	169.71	0.00737
-143.54	167.58	0.00786	-144.96	166.17	0.00817
-146.37	164.76	0.00849	-147.79	163.34	0.00886
-149.20	161.93	0.00922	-161.93	149.20	0.00200
-163.34	147.79	0.00172	-164.76	146.37	0.00151
-166.17	144.96	0.00135	-167.58	143.54	0.00122
-169.71	141.42	0.00107	-173.24	137.89	0.00089
-176.78	134.35	0.00076	-183.85	127.28	0.00058
-190.92	120.21	0.00047	-197.99	113.14	0.00039
-205.06	106.07	0.00033	-212.13	99.00	0.00029
-219.20	91.92	0.00025	-226.27	84.85	0.00022
-77.78	219.20	0.00137	-84.85	212.13	0.00162
-91.92	205.06	0.00195	-98.99	197.99	0.00239
-106.07	190.92	0.00297	-113.14	183.85	0.00375

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00478	-127.28	169.71	0.00609
-130.81	166.17	0.00687	-134.35	162.63	0.00773
-136.47	160.51	0.00827	-137.89	159.10	0.00862
-139.30	157.68	0.00898	-140.71	156.27	0.00937
-142.13	154.86	0.00981	-154.86	142.13	0.00240
-156.27	140.71	0.00201	-157.68	139.30	0.00173
-159.10	137.89	0.00152	-160.51	136.47	0.00136
-162.63	134.35	0.00118	-166.17	130.81	0.00098
-169.71	127.28	0.00083	-176.78	120.21	0.00065
-183.85	113.14	0.00052	-190.92	106.07	0.00044
-197.99	99.00	0.00037	-205.06	91.92	0.00031
-212.13	84.85	0.00027	-219.20	77.78	0.00023
-70.71	212.13	0.00136	-77.78	205.06	0.00161
-84.85	197.99	0.00193	-91.92	190.92	0.00235
-98.99	183.85	0.00292	-106.07	176.78	0.00369
-113.14	169.71	0.00473	-120.21	162.63	0.00610
-123.74	159.10	0.00690	-127.28	155.56	0.00781

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

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

20:01:50

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00840	-130.81	152.03	0.00880
-132.23	150.61	0.00921	-133.64	149.20	0.00963
-135.06	147.79	0.01012	-147.79	135.06	0.00283
-149.20	133.64	0.00239	-150.61	132.23	0.00206
-152.03	130.81	0.00181	-153.44	129.40	0.00160
-155.56	127.28	0.00137	-159.10	123.74	0.00110
-162.63	120.21	0.00092	-169.71	113.14	0.00071
-176.78	106.07	0.00058	-183.85	98.99	0.00048
-190.92	91.92	0.00040	-197.99	84.85	0.00034
-205.06	77.78	0.00029	-212.13	70.71	0.00025
-63.64	205.06	0.00133	-70.71	197.99	0.00157
-77.78	190.92	0.00187	-84.85	183.85	0.00227
-91.92	176.78	0.00280	-98.99	169.71	0.00353
-106.07	162.63	0.00454	-113.14	155.56	0.00592
-116.67	152.03	0.00677	-120.21	148.49	0.00773
-122.33	146.37	0.00835	-123.74	144.96	0.00878
-125.16	143.54	0.00923	-126.57	142.13	0.00968

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.01020	-140.71	127.99	0.00317
-142.13	126.57	0.00270	-143.54	125.16	0.00235
-144.96	123.74	0.00208	-146.37	122.33	0.00186
-148.49	120.21	0.00160	-152.03	116.67	0.00127
-155.56	113.14	0.00105	-162.63	106.07	0.00079
-169.71	98.99	0.00063	-176.78	91.92	0.00051
-183.85	84.85	0.00043	-190.92	77.78	0.00036
-197.99	70.71	0.00031	-205.06	63.64	0.00026
-56.57	197.99	0.00130	-63.64	190.92	0.00152
-70.71	183.85	0.00180	-77.78	176.78	0.00216
-84.85	169.71	0.00265	-91.92	162.63	0.00331
-98.99	155.56	0.00423	-106.07	148.49	0.00558
-109.60	144.96	0.00645	-113.14	141.42	0.00744
-115.26	139.30	0.00808	-116.67	137.89	0.00854
-118.09	136.47	0.00901	-119.50	135.06	0.00950
-120.92	133.64	0.01004	-133.64	120.92	0.00339
-135.06	119.50	0.00293	-136.47	118.09	0.00258
-137.89	116.67	0.00230	-139.30	115.26	0.00207
-141.42	113.14	0.00180	-144.96	109.60	0.00146
-148.49	106.07	0.00121	-155.56	98.99	0.00088
-162.63	91.92	0.00068	-169.71	84.85	0.00055
-176.78	77.78	0.00045	-183.85	70.71	0.00038
-190.92	63.64	0.00032	-197.99	56.57	0.00027

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

20:01:50
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00125	-56.57	183.85	0.00145
-63.64	176.78	0.00171	-70.71	169.71	0.00204
-77.78	162.63	0.00247	-84.85	155.56	0.00304
-91.92	148.49	0.00386	-98.99	141.42	0.00508
-102.53	137.89	0.00591	-106.07	134.35	0.00689
-108.19	132.23	0.00755	-109.60	130.81	0.00801
-111.02	129.40	0.00851	-112.43	127.99	0.00903
-113.84	126.57	0.00960	-126.57	113.84	0.00352
-127.99	112.43	0.00308	-129.40	111.02	0.00274
-130.81	109.60	0.00246	-132.23	108.19	0.00224
-134.35	106.07	0.00196	-137.89	102.53	0.00162

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00136	-148.49	91.92	0.00099
-155.56	84.85	0.00074	-162.63	77.78	0.00058
-169.71	70.71	0.00047	-176.78	63.64	0.00039
-183.85	56.57	0.00033	-190.92	49.50	0.00028
-42.43	183.85	0.00118	-49.50	176.78	0.00137
-56.57	169.71	0.00161	-63.64	162.63	0.00190
-70.71	155.56	0.00228	-77.78	148.49	0.00278
-84.85	141.42	0.00347	-91.92	134.35	0.00447
-95.46	130.81	0.00516	-98.99	127.28	0.00604
-101.12	125.16	0.00667	-102.53	123.74	0.00713
-103.94	122.33	0.00764	-105.36	120.92	0.00819
-106.77	119.50	0.00881	-119.50	106.77	0.00357
-120.92	105.36	0.00316	-122.33	103.94	0.00285
-123.74	102.53	0.00259	-125.16	101.12	0.00238
-127.28	98.99	0.00210	-130.81	95.46	0.00175
-134.35	91.92	0.00148	-141.42	84.85	0.00108
-148.49	77.78	0.00081	-155.56	70.71	0.00062
-162.63	63.64	0.00050	-169.71	56.57	0.00041
-176.78	49.50	0.00034	-183.85	42.43	0.00029
-35.36	176.78	0.00111	-42.43	169.71	0.00128
-49.50	162.63	0.00148	-56.57	155.56	0.00174
-63.64	148.49	0.00207	-70.71	141.42	0.00251
-77.78	134.35	0.00308	-84.85	127.28	0.00385
-88.39	123.74	0.00435	-91.92	120.21	0.00499
-94.05	118.09	0.00548	-95.46	116.67	0.00586
-96.87	115.26	0.00631	-98.29	113.84	0.00683
-99.70	112.43	0.00746	-112.43	99.70	0.00359
-113.84	98.29	0.00323	-115.26	96.87	0.00294
-116.67	95.46	0.00270	-118.09	94.05	0.00248

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

20:01:50
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00221	-123.74	88.39	0.00185
-127.28	84.85	0.00157	-134.35	77.78	0.00116
-141.42	70.71	0.00087	-148.49	63.64	0.00066
-155.56	56.57	0.00052	-162.63	49.50	0.00042
-169.71	42.43	0.00035	-176.78	35.36	0.00030

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00102	-35.36	162.63	0.00116
-42.43	155.56	0.00134	-49.50	148.49	0.00156
-56.57	141.42	0.00185	-63.64	134.35	0.00221
-70.71	127.28	0.00267	-77.78	120.21	0.00324
-81.32	116.67	0.00360	-84.85	113.14	0.00401
-86.97	111.02	0.00430	-88.39	109.60	0.00452
-89.80	108.19	0.00478	-91.22	106.77	0.00508
-92.63	105.36	0.00548	-105.36	92.63	0.00360
-106.77	91.22	0.00326	-108.19	89.80	0.00298
-109.60	88.39	0.00275	-111.02	86.97	0.00254
-113.14	84.85	0.00227	-116.67	81.32	0.00191
-120.21	77.78	0.00162	-127.28	70.71	0.00121
-134.35	63.64	0.00091	-141.42	56.57	0.00070
-148.49	49.50	0.00055	-155.56	42.43	0.00044
-162.63	35.36	0.00036	-169.71	28.28	0.00030
-21.21	162.63	0.00092	-28.28	155.56	0.00105
-35.36	148.49	0.00120	-42.43	141.42	0.00138
-49.50	134.35	0.00162	-56.57	127.28	0.00190
-63.64	120.21	0.00224	-70.71	113.14	0.00264
-74.25	109.60	0.00287	-77.78	106.07	0.00313
-79.90	103.94	0.00329	-81.32	102.53	0.00341
-82.73	101.12	0.00354	-84.15	99.70	0.00369
-85.56	98.29	0.00385	-98.29	85.56	0.00347
-99.70	84.15	0.00318	-101.12	82.73	0.00294
-102.53	81.32	0.00272	-103.94	79.90	0.00253
-106.07	77.78	0.00228	-109.60	74.25	0.00192
-113.14	70.71	0.00164	-120.21	63.64	0.00123
-127.28	56.57	0.00094	-134.35	49.50	0.00073
-141.42	42.43	0.00057	-148.49	35.36	0.00045
-155.56	28.28	0.00037	-162.63	21.21	0.00031
-14.14	155.56	0.00083	-21.21	148.49	0.00094
-28.28	141.42	0.00106	-35.36	134.35	0.00122
-42.43	127.28	0.00141	-49.50	120.21	0.00164
-56.57	113.14	0.00190	-63.64	106.07	0.00221
-67.18	102.53	0.00239	-70.71	98.99	0.00258

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at SE/NW Bound Direction ***
 20:01:50
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

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

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

14NCRA_SR04-300_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	0.00272	-74.25	95.46	0.00282
-75.66	94.05	0.00292	-77.07	92.63	0.00302
-78.49	91.22	0.00312	-91.22	78.49	0.00305
-92.63	77.07	0.00290	-94.05	75.66	0.00275
-95.46	74.25	0.00259	-96.87	72.83	0.00244
-98.99	70.71	0.00221	-102.53	67.18	0.00190
-106.07	63.64	0.00163	-113.14	56.57	0.00123
-120.21	49.50	0.00095	-127.28	42.43	0.00074
-134.35	35.36	0.00058	-141.42	28.28	0.00046
-148.49	21.21	0.00038	-155.56	14.14	0.00031
-7.07	148.49	0.00075	-14.14	141.42	0.00084
-21.21	134.35	0.00095	-28.28	127.28	0.00109
-35.36	120.21	0.00124	-42.43	113.14	0.00143
-49.50	106.07	0.00165	-56.57	98.99	0.00190
-60.10	95.46	0.00205	-63.64	91.92	0.00222
-65.76	89.80	0.00232	-67.18	88.39	0.00238
-68.59	86.97	0.00245	-70.00	85.56	0.00251
-71.42	84.15	0.00258	-84.15	71.42	0.00259
-85.56	70.00	0.00250	-86.97	68.59	0.00240
-88.39	67.18	0.00230	-89.80	65.76	0.00220
-91.92	63.64	0.00205	-95.46	60.10	0.00181
-98.99	56.57	0.00158	-106.07	49.50	0.00121
-113.14	42.43	0.00094	-120.21	35.36	0.00074
-127.28	28.28	0.00059	-134.35	21.21	0.00047
-141.42	14.14	0.00038	-148.49	7.07	0.00032
0.00	141.42	0.00068	-7.07	134.35	0.00076
-14.14	127.28	0.00086	-21.21	120.21	0.00098
-28.28	113.14	0.00111	-35.36	106.07	0.00127
-42.43	98.99	0.00145	-49.50	91.92	0.00167
-53.03	88.39	0.00178	-56.57	84.85	0.00189
-58.69	82.73	0.00196	-60.10	81.32	0.00201
-61.52	79.90	0.00206	-62.93	78.49	0.00211
-64.35	77.07	0.00216	-77.07	64.35	0.00217
-78.49	62.93	0.00213	-79.90	61.52	0.00207
-81.32	60.10	0.00200	-82.73	58.69	0.00193
-84.85	56.57	0.00182	-88.39	53.03	0.00165
-91.92	49.50	0.00148	-98.99	42.43	0.00117
-106.07	35.36	0.00093	-113.14	28.28	0.00074
-120.21	21.21	0.00059	-127.28	14.14	0.00048
-134.35	7.07	0.00039	-141.42	0.00	0.00032

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**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	0.00063	0.00	127.28	0.00070
-7.07	120.21	0.00078	-14.14	113.14	0.00089
-21.21	106.07	0.00100	-28.28	98.99	0.00114
-35.36	91.92	0.00129	-42.43	84.85	0.00145
-45.96	81.32	0.00153	-49.50	77.78	0.00162
-51.62	75.66	0.00167	-53.03	74.25	0.00171
-54.45	72.83	0.00175	-55.86	71.42	0.00178
-57.28	70.00	0.00181	-70.00	57.28	0.00183
-71.42	55.86	0.00180	-72.83	54.45	0.00177
-74.25	53.03	0.00173	-75.66	51.62	0.00168
-77.78	49.50	0.00160	-81.32	45.96	0.00146
-84.85	42.43	0.00134	-91.92	35.36	0.00111
-98.99	28.28	0.00090	-106.07	21.21	0.00073
-113.14	14.14	0.00059	-120.21	7.07	0.00048
-127.28	0.00	0.00040	-134.35	-7.07	0.00033
14.14	127.28	0.00058	7.07	120.21	0.00064
0.00	113.14	0.00072	-7.07	106.07	0.00081
-14.14	98.99	0.00091	-21.21	91.92	0.00103
-28.28	84.85	0.00114	-35.36	77.78	0.00126
-38.89	74.25	0.00132	-42.43	70.71	0.00139
-44.55	68.59	0.00144	-45.96	67.18	0.00147
-47.38	65.76	0.00150	-48.79	64.35	0.00152
-50.20	62.93	0.00153	-62.93	50.20	0.00154
-64.35	48.79	0.00153	-65.76	47.38	0.00151
-67.18	45.96	0.00149	-68.59	44.55	0.00145
-70.71	42.43	0.00140	-74.25	38.89	0.00130
-77.78	35.36	0.00120	-84.85	28.28	0.00102
-91.92	21.21	0.00086	-98.99	14.14	0.00071
-106.07	7.07	0.00059	-113.14	0.00	0.00049
-120.21	-7.07	0.00040	-127.28	-14.14	0.00033
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	0.00092
-21.21	77.78	0.00101	-28.28	70.71	0.00110
-31.82	67.18	0.00115	-35.36	63.64	0.00121
-37.48	61.52	0.00125	-38.89	60.10	0.00127
-40.31	58.69	0.00128	-41.72	57.28	0.00130

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00131	-55.86	43.13	0.00131
-57.28	41.72	0.00130	-58.69	40.31	0.00129
-60.10	38.89	0.00128	-61.52	37.48	0.00126

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

20:01:50
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00123	-67.18	31.82	0.00115
-70.71	28.28	0.00107	-77.78	21.21	0.00092
-84.85	14.14	0.00080	-91.92	7.07	0.00068
-98.99	0.00	0.00058	-106.07	-7.07	0.00048
-113.14	-14.14	0.00040	-120.21	-21.21	0.00034
28.28	113.14	0.00050	21.21	106.07	0.00055
14.14	98.99	0.00062	7.07	91.92	0.00069
0.00	84.85	0.00076	-7.07	77.78	0.00083
-14.14	70.71	0.00089	-21.21	63.64	0.00097
-24.75	60.10	0.00101	-28.28	56.57	0.00106
-30.41	54.45	0.00108	-31.82	53.03	0.00110
-33.23	51.62	0.00111	-34.65	50.20	0.00112
-36.06	48.79	0.00113	-48.79	36.06	0.00113
-50.20	34.65	0.00112	-51.62	33.23	0.00112
-53.03	31.82	0.00111	-54.45	30.41	0.00110
-56.57	28.28	0.00107	-60.10	24.75	0.00102
-63.64	21.21	0.00096	-70.71	14.14	0.00083
-77.78	7.07	0.00073	-84.85	0.00	0.00064
-91.92	-7.07	0.00055	-98.99	-14.14	0.00047
-106.07	-21.21	0.00040	-113.14	-28.28	0.00034
35.36	106.07	0.00047	28.28	98.99	0.00052
21.21	91.92	0.00057	14.14	84.85	0.00063
7.07	77.78	0.00069	0.00	70.71	0.00074
-7.07	63.64	0.00079	-14.14	56.57	0.00086
-17.68	53.03	0.00090	-21.21	49.50	0.00093
-23.33	47.38	0.00095	-24.75	45.96	0.00096
-26.16	44.55	0.00097	-27.58	43.13	0.00097
-28.99	41.72	0.00098	-41.72	28.99	0.00098
-43.13	27.58	0.00097	-44.55	26.16	0.00097
-45.96	24.75	0.00097	-47.38	23.33	0.00096
-49.50	21.21	0.00094	-53.03	17.68	0.00091

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00086	-63.64	7.07	0.00076
-70.71	0.00	0.00067	-77.78	-7.07	0.00059
-84.85	-14.14	0.00052	-91.92	-21.21	0.00046
-98.99	-28.28	0.00040	-106.07	-35.36	0.00034
42.43	98.99	0.00044	35.36	91.92	0.00049
28.28	84.85	0.00053	21.21	77.78	0.00058
14.14	70.71	0.00062	7.07	63.64	0.00066
0.00	56.57	0.00071	-7.07	49.50	0.00077
-10.61	45.96	0.00080	-14.14	42.43	0.00082

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

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

20:01:50

**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	0.00084	-17.68	38.89	0.00084
-19.09	37.48	0.00085	-20.51	36.06	0.00085
-21.92	34.65	0.00085	-34.65	21.92	0.00085
-36.06	20.51	0.00085	-37.48	19.09	0.00085
-38.89	17.68	0.00085	-40.31	16.26	0.00084
-42.43	14.14	0.00083	-45.96	10.61	0.00081
-49.50	7.07	0.00077	-56.57	0.00	0.00069
-63.64	-7.07	0.00061	-70.71	-14.14	0.00055
-77.78	-21.21	0.00049	-84.85	-28.28	0.00044
-91.92	-35.36	0.00039	-98.99	-42.43	0.00034
49.50	91.92	0.00042	42.43	84.85	0.00046
35.36	77.78	0.00049	28.28	70.71	0.00053
21.21	63.64	0.00056	14.14	56.57	0.00060
7.07	49.50	0.00064	0.00	42.43	0.00069
-3.54	38.89	0.00071	-7.07	35.36	0.00073
-9.19	33.23	0.00074	-10.61	31.82	0.00075
-12.02	30.41	0.00075	-13.44	28.99	0.00075
-14.85	27.58	0.00075	-27.58	14.85	0.00075
-28.99	13.44	0.00075	-30.41	12.02	0.00075
-31.82	10.61	0.00075	-33.23	9.19	0.00075
-35.36	7.07	0.00074	-38.89	3.54	0.00072
-42.43	0.00	0.00070	-49.50	-7.07	0.00063
-56.57	-14.14	0.00056	-63.64	-21.21	0.00051
-70.71	-28.28	0.00046	-77.78	-35.36	0.00041
-84.85	-42.43	0.00037	-91.92	-49.50	0.00033

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00039	49.50	77.78	0.00043
42.43	70.71	0.00046	35.36	63.64	0.00048
28.28	56.57	0.00051	21.21	49.50	0.00054
14.14	42.43	0.00058	7.07	35.36	0.00062
3.54	31.82	0.00064	0.00	28.28	0.00066
-2.12	26.16	0.00066	-3.54	24.75	0.00067
-4.95	23.33	0.00067	-6.36	21.92	0.00067
-7.78	20.51	0.00067	-20.51	7.78	0.00067
-21.92	6.36	0.00067	-23.33	4.95	0.00067
-24.75	3.54	0.00067	-26.16	2.12	0.00066
-28.28	0.00	0.00066	-31.82	-3.54	0.00065
-35.36	-7.07	0.00063	-42.43	-14.14	0.00058
-49.50	-21.21	0.00052	-56.57	-28.28	0.00047
-63.64	-35.36	0.00043	-70.71	-42.43	0.00039
-77.78	-49.50	0.00035	-84.85	-56.57	0.00032

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

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

20:01:50
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00037	56.57	70.71	0.00040
49.50	63.64	0.00042	42.43	56.57	0.00044
35.36	49.50	0.00047	28.28	42.43	0.00049
21.21	35.36	0.00053	14.14	28.28	0.00056
10.61	24.75	0.00058	7.07	21.21	0.00059
4.95	19.09	0.00059	3.54	17.68	0.00060
2.12	16.26	0.00060	0.71	14.85	0.00060
-0.71	13.44	0.00060	-13.44	0.71	0.00060
-14.85	-0.71	0.00060	-16.26	-2.12	0.00060
-17.68	-3.54	0.00060	-19.09	-4.95	0.00059
-21.21	-7.07	0.00059	-24.75	-10.61	0.00058
-28.28	-14.14	0.00057	-35.36	-21.21	0.00053
-42.43	-28.28	0.00048	-49.50	-35.36	0.00043
-56.57	-42.43	0.00040	-63.64	-49.50	0.00036
-70.71	-56.57	0.00033	-77.78	-63.64	0.00030
70.71	70.71	0.00035	63.64	63.64	0.00037
56.57	56.57	0.00039	49.50	49.50	0.00041
42.43	42.43	0.00043	35.36	35.36	0.00045
28.28	28.28	0.00048	21.21	21.21	0.00051

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00052	14.14	14.14	0.00053
12.02	12.02	0.00054	10.61	10.61	0.00054
9.19	9.19	0.00054	7.78	7.78	0.00054
6.36	6.36	0.00054	-6.36	-6.36	0.00054
-7.78	-7.78	0.00054	-9.19	-9.19	0.00054
-10.61	-10.61	0.00054	-12.02	-12.02	0.00054
-14.14	-14.14	0.00053	-17.68	-17.68	0.00053
-21.21	-21.21	0.00052	-28.28	-28.28	0.00049
-35.36	-35.36	0.00045	-42.43	-42.43	0.00041
-49.50	-49.50	0.00037	-56.57	-56.57	0.00034
-63.64	-63.64	0.00031	-70.71	-70.71	0.00029
77.78	63.64	0.00033	70.71	56.57	0.00034
63.64	49.50	0.00036	56.57	42.43	0.00037
49.50	35.36	0.00039	42.43	28.28	0.00041
35.36	21.21	0.00044	28.28	14.14	0.00047
24.75	10.61	0.00048	21.21	7.07	0.00048
19.09	4.95	0.00049	17.68	3.54	0.00049
16.26	2.12	0.00049	14.85	0.71	0.00049
13.44	-0.71	0.00049	0.71	-13.44	0.00049
-0.71	-14.85	0.00049	-2.12	-16.26	0.00049
-3.54	-17.68	0.00049	-4.95	-19.09	0.00048

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

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

20:01:50

**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	0.00048	-10.61	-24.75	0.00048
-14.14	-28.28	0.00047	-21.21	-35.36	0.00045
-28.28	-42.43	0.00042	-35.36	-49.50	0.00038
-42.43	-56.57	0.00035	-49.50	-63.64	0.00032
-56.57	-70.71	0.00030	-63.64	-77.78	0.00027
84.85	56.57	0.00030	77.78	49.50	0.00032
70.71	42.43	0.00033	63.64	35.36	0.00035
56.57	28.28	0.00036	49.50	21.21	0.00038
42.43	14.14	0.00041	35.36	7.07	0.00043
31.82	3.54	0.00043	28.28	0.00	0.00044
26.16	-2.12	0.00044	24.75	-3.54	0.00044
23.33	-4.95	0.00044	21.92	-6.36	0.00044
20.51	-7.78	0.00044	7.78	-20.51	0.00044

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**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	0.00037	38.89	-17.68	0.00037
37.48	-19.09	0.00037	36.06	-20.51	0.00037
34.65	-21.92	0.00037	21.92	-34.65	0.00037
20.51	-36.06	0.00037	19.09	-37.48	0.00037
17.68	-38.89	0.00037	16.26	-40.31	0.00037
14.14	-42.43	0.00037	10.61	-45.96	0.00037
7.07	-49.50	0.00036	0.00	-56.57	0.00035

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

20:01:50
 **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	0.00022	113.14	14.14	0.00023

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00025	45.96	-81.32	0.00025
42.43	-84.85	0.00025	35.36	-91.92	0.00025
28.28	-98.99	0.00024	21.21	-106.07	0.00023
14.14	-113.14	0.00022	7.07	-120.21	0.00021
0.00	-127.28	0.00019	-7.07	-134.35	0.00018
141.42	0.00	0.00018	134.35	-7.07	0.00019
127.28	-14.14	0.00020	120.21	-21.21	0.00021
113.14	-28.28	0.00022	106.07	-35.36	0.00022
98.99	-42.43	0.00023	91.92	-49.50	0.00024
88.39	-53.03	0.00024	84.85	-56.57	0.00024
82.73	-58.69	0.00024	81.32	-60.10	0.00024
79.90	-61.52	0.00024	78.49	-62.93	0.00024
77.07	-64.35	0.00024	64.35	-77.07	0.00024
62.93	-78.49	0.00024	61.52	-79.90	0.00024
60.10	-81.32	0.00024	58.69	-82.73	0.00024
56.57	-84.85	0.00024	53.03	-88.39	0.00024
49.50	-91.92	0.00024	42.43	-98.99	0.00023
35.36	-106.07	0.00023	28.28	-113.14	0.00022
21.21	-120.21	0.00021	14.14	-127.28	0.00020
7.07	-134.35	0.00018	0.00	-141.42	0.00017
148.49	-7.07	0.00017	141.42	-14.14	0.00018
134.35	-21.21	0.00019	127.28	-28.28	0.00020
120.21	-35.36	0.00020	113.14	-42.43	0.00021
106.07	-49.50	0.00022	98.99	-56.57	0.00022
95.46	-60.10	0.00022	91.92	-63.64	0.00022
89.80	-65.76	0.00022	88.39	-67.18	0.00022
86.97	-68.59	0.00022	85.56	-70.00	0.00022
84.15	-71.42	0.00022	71.42	-84.15	0.00022
70.00	-85.56	0.00022	68.59	-86.97	0.00022
67.18	-88.39	0.00022	65.76	-89.80	0.00022
63.64	-91.92	0.00022	60.10	-95.46	0.00022
56.57	-98.99	0.00022	49.50	-106.07	0.00022
42.43	-113.14	0.00021	35.36	-120.21	0.00021
28.28	-127.28	0.00020	21.21	-134.35	0.00019
14.14	-141.42	0.00018	7.07	-148.49	0.00017
155.56	-14.14	0.00017	148.49	-21.21	0.00017
141.42	-28.28	0.00018	134.35	-35.36	0.00019
127.28	-42.43	0.00019	120.21	-49.50	0.00020
113.14	-56.57	0.00021	106.07	-63.64	0.00021

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

102.53 -67.18 0.00021 98.99 -70.71 0.00021

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

20:01:50
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50
 **MODELOPTs:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

20:01:50
 **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	0.00010	226.27	-98.99	0.00011
219.20	-106.07	0.00011	212.13	-113.14	0.00011
205.06	-120.21	0.00012	197.99	-127.28	0.00012
190.92	-134.35	0.00012	183.85	-141.42	0.00012
180.31	-144.96	0.00012	176.78	-148.49	0.00012
174.66	-150.61	0.00012	173.24	-152.03	0.00012
171.83	-153.44	0.00012	170.41	-154.86	0.00012
169.00	-156.27	0.00012	156.27	-169.00	0.00012
154.86	-170.41	0.00012	153.44	-171.83	0.00012

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

20:01:50
 **MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

14NCRA_SR04-300_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	0.00010

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

20:01:50
 **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	0.00298	-113.14	240.42	0.00326
-120.21	233.35	0.00357	-127.28	226.27	0.00394
-134.35	219.20	0.00435	-141.42	212.13	0.00482
-148.49	205.06	0.00534	-155.56	197.99	0.00581
-159.10	194.45	0.00597	-162.63	190.92	0.00600
-164.76	188.80	0.00592	-166.17	187.38	0.00584
-167.58	185.97	0.00571	-169.00	184.55	0.00555
-170.41	183.14	0.00534	-183.14	170.41	0.00254
-184.55	169.00	0.00234	-185.97	167.58	0.00217
-187.38	166.17	0.00202	-188.80	164.76	0.00188
-190.92	162.63	0.00171	-194.45	159.10	0.00149
-197.99	155.56	0.00132	-205.06	148.49	0.00107
-212.13	141.42	0.00090	-219.20	134.35	0.00077
-226.27	127.28	0.00067	-233.35	120.21	0.00059
-240.42	113.14	0.00053	-247.49	106.07	0.00047
-98.99	240.42	0.00312	-106.07	233.35	0.00343
-113.14	226.27	0.00378	-120.21	219.20	0.00419
-127.28	212.13	0.00467	-134.35	205.06	0.00524
-141.42	197.99	0.00589	-148.49	190.92	0.00662
-152.03	187.38	0.00698	-155.56	183.85	0.00725
-157.68	181.73	0.00734	-159.10	180.31	0.00735
-160.51	178.90	0.00728	-161.93	177.48	0.00715
-163.34	176.07	0.00693	-176.07	163.34	0.00278
-177.48	161.93	0.00253	-178.90	160.51	0.00232
-180.31	159.10	0.00215	-181.73	157.68	0.00200
-183.85	155.56	0.00182	-187.38	152.03	0.00158
-190.92	148.49	0.00141	-197.99	141.42	0.00114
-205.06	134.35	0.00096	-212.13	127.28	0.00082
-219.20	120.21	0.00071	-226.27	113.14	0.00062
-233.35	106.07	0.00055	-240.42	98.99	0.00049
-91.92	233.35	0.00327	-98.99	226.27	0.00361
-106.07	219.20	0.00400	-113.14	212.13	0.00446

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00501	-127.28	197.99	0.00566
-134.35	190.92	0.00645	-141.42	183.85	0.00738
-144.96	180.31	0.00790	-148.49	176.78	0.00842
-150.61	174.66	0.00870	-152.03	173.24	0.00887
-153.44	171.83	0.00903	-154.86	170.41	0.00914
-156.27	169.00	0.00915	-169.00	156.27	0.00298
-170.41	154.86	0.00270	-171.83	153.44	0.00247
-173.24	152.03	0.00229	-174.66	150.61	0.00214

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

20:01:50
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00194	-180.31	144.96	0.00169
-183.85	141.42	0.00150	-190.92	134.35	0.00122
-197.99	127.28	0.00102	-205.06	120.21	0.00087
-212.13	113.14	0.00075	-219.20	106.07	0.00066
-226.27	99.00	0.00058	-233.35	91.92	0.00051
-84.85	226.27	0.00342	-91.92	219.20	0.00378
-98.99	212.13	0.00421	-106.07	205.06	0.00472
-113.14	197.99	0.00534	-120.21	190.92	0.00608
-127.28	183.85	0.00700	-134.35	176.78	0.00811
-137.89	173.24	0.00876	-141.42	169.71	0.00945
-143.54	167.58	0.00986	-144.96	166.17	0.01013
-146.37	164.76	0.01039	-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	0.00269
-166.17	144.96	0.00248	-167.58	143.54	0.00231
-169.71	141.42	0.00210	-173.24	137.89	0.00182
-176.78	134.35	0.00161	-183.85	127.28	0.00131
-190.92	120.21	0.00109	-197.99	113.14	0.00092
-205.06	106.07	0.00079	-212.13	99.00	0.00069
-219.20	91.92	0.00061	-226.27	84.85	0.00054
-77.78	219.20	0.00355	-84.85	212.13	0.00394
-91.92	205.06	0.00440	-98.99	197.99	0.00496
-106.07	190.92	0.00563	-113.14	183.85	0.00644
-120.21	176.78	0.00745	-127.28	169.71	0.00867
-130.81	166.17	0.00937	-134.35	162.63	0.01012
-136.47	160.51	0.01058	-137.89	159.10	0.01087

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.01117	-140.71	156.27	0.01149
-142.13	154.86	0.01186	-154.86	142.13	0.00381
-156.27	140.71	0.00336	-157.68	139.30	0.00303
-159.10	137.89	0.00276	-160.51	136.47	0.00255
-162.63	134.35	0.00230	-166.17	130.81	0.00198
-169.71	127.28	0.00175	-176.78	120.21	0.00141
-183.85	113.14	0.00117	-190.92	106.07	0.00099
-197.99	99.00	0.00085	-205.06	91.92	0.00073
-212.13	84.85	0.00064	-219.20	77.78	0.00057
-70.71	212.13	0.00367	-77.78	205.06	0.00408
-84.85	197.99	0.00457	-91.92	190.92	0.00516
-98.99	183.85	0.00587	-106.07	176.78	0.00673
-113.14	169.71	0.00779	-120.21	162.63	0.00908
-123.74	159.10	0.00980	-127.28	155.56	0.01060

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

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

20:01:50

**MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.01110	-130.81	152.03	0.01143
-132.23	150.61	0.01176	-133.64	149.20	0.01209
-135.06	147.79	0.01250	-147.79	135.06	0.00440
-149.20	133.64	0.00388	-150.61	132.23	0.00349
-152.03	130.81	0.00316	-153.44	129.40	0.00290
-155.56	127.28	0.00258	-159.10	123.74	0.00218
-162.63	120.21	0.00190	-169.71	113.14	0.00152
-176.78	106.07	0.00125	-183.85	98.99	0.00105
-190.92	91.92	0.00090	-197.99	84.85	0.00078
-205.06	77.78	0.00068	-212.13	70.71	0.00060
-63.64	205.06	0.00378	-70.71	197.99	0.00421
-77.78	190.92	0.00472	-84.85	183.85	0.00533
-91.92	176.78	0.00607	-98.99	169.71	0.00697
-106.07	162.63	0.00806	-113.14	155.56	0.00940
-116.67	152.03	0.01018	-120.21	148.49	0.01101
-122.33	146.37	0.01154	-123.74	144.96	0.01189
-125.16	143.54	0.01225	-126.57	142.13	0.01260
-127.99	140.71	0.01301	-140.71	127.99	0.00492
-142.13	126.57	0.00436	-143.54	125.16	0.00393
-144.96	123.74	0.00357	-146.37	122.33	0.00328

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00291	-152.03	116.67	0.00244
-155.56	113.14	0.00210	-162.63	106.07	0.00164
-169.71	98.99	0.00134	-176.78	91.92	0.00112
-183.85	84.85	0.00095	-190.92	77.78	0.00082
-197.99	70.71	0.00071	-205.06	63.64	0.00063
-56.57	197.99	0.00387	-63.64	190.92	0.00431
-70.71	183.85	0.00484	-77.78	176.78	0.00547
-84.85	169.71	0.00623	-91.92	162.63	0.00716
-98.99	155.56	0.00829	-106.07	148.49	0.00969
-109.60	144.96	0.01050	-113.14	141.42	0.01138
-115.26	139.30	0.01191	-116.67	137.89	0.01227
-118.09	136.47	0.01264	-119.50	135.06	0.01301
-120.92	133.64	0.01342	-133.64	120.92	0.00536
-135.06	119.50	0.00478	-136.47	118.09	0.00431
-137.89	116.67	0.00393	-139.30	115.26	0.00362
-141.42	113.14	0.00322	-144.96	109.60	0.00271
-148.49	106.07	0.00232	-155.56	98.99	0.00177
-162.63	91.92	0.00143	-169.71	84.85	0.00118
-176.78	77.78	0.00100	-183.85	70.71	0.00086
-190.92	63.64	0.00075	-197.99	56.57	0.00066

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

20:01:50
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00395	-56.57	183.85	0.00440
-63.64	176.78	0.00495	-70.71	169.71	0.00559
-77.78	162.63	0.00638	-84.85	155.56	0.00733
-91.92	148.49	0.00850	-98.99	141.42	0.00995
-102.53	137.89	0.01078	-106.07	134.35	0.01167
-108.19	132.23	0.01223	-109.60	130.81	0.01260
-111.02	129.40	0.01297	-112.43	127.99	0.01335
-113.84	126.57	0.01376	-126.57	113.84	0.00572
-127.99	112.43	0.00513	-129.40	111.02	0.00465
-130.81	109.60	0.00425	-132.23	108.19	0.00391
-134.35	106.07	0.00349	-137.89	102.53	0.00295
-141.42	98.99	0.00254	-148.49	91.92	0.00193
-155.56	84.85	0.00153	-162.63	77.78	0.00126
-169.71	70.71	0.00106	-176.78	63.64	0.00090

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00078	-190.92	49.50	0.00068
-42.43	183.85	0.00402	-49.50	176.78	0.00448
-56.57	169.71	0.00504	-63.64	162.63	0.00570
-70.71	155.56	0.00650	-77.78	148.49	0.00747
-84.85	141.42	0.00869	-91.92	134.35	0.01017
-95.46	130.81	0.01102	-98.99	127.28	0.01192
-101.12	125.16	0.01249	-102.53	123.74	0.01287
-103.94	122.33	0.01325	-105.36	120.92	0.01363
-106.77	119.50	0.01405	-119.50	106.77	0.00602
-120.92	105.36	0.00542	-122.33	103.94	0.00493
-123.74	102.53	0.00453	-125.16	101.12	0.00417
-127.28	98.99	0.00373	-130.81	95.46	0.00316
-134.35	91.92	0.00273	-141.42	84.85	0.00209
-148.49	77.78	0.00164	-155.56	70.71	0.00133
-162.63	63.64	0.00111	-169.71	56.57	0.00094
-176.78	49.50	0.00082	-183.85	42.43	0.00071
-35.36	176.78	0.00408	-42.43	169.71	0.00455
-49.50	162.63	0.00511	-56.57	155.56	0.00579
-63.64	148.49	0.00661	-70.71	141.42	0.00761
-77.78	134.35	0.00885	-84.85	127.28	0.01035
-88.39	123.74	0.01121	-91.92	120.21	0.01213
-94.05	118.09	0.01271	-95.46	116.67	0.01310
-96.87	115.26	0.01348	-98.29	113.84	0.01388
-99.70	112.43	0.01428	-112.43	99.70	0.00627
-113.84	98.29	0.00566	-115.26	96.87	0.00516
-116.67	95.46	0.00475	-118.09	94.05	0.00440

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

20:01:50
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00394	-123.74	88.39	0.00335
-127.28	84.85	0.00289	-134.35	77.78	0.00223
-141.42	70.71	0.00176	-148.49	63.64	0.00142
-155.56	56.57	0.00117	-162.63	49.50	0.00099
-169.71	42.43	0.00085	-176.78	35.36	0.00074
-28.28	169.71	0.00413	-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	0.00773

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00898	-77.78	120.21	0.01050
-81.32	116.67	0.01137	-84.85	113.14	0.01231
-86.97	111.02	0.01289	-88.39	109.60	0.01328
-89.80	108.19	0.01369	-91.22	106.77	0.01411
-92.63	105.36	0.01453	-105.36	92.63	0.00648
-106.77	91.22	0.00586	-108.19	89.80	0.00536
-109.60	88.39	0.00495	-111.02	86.97	0.00459
-113.14	84.85	0.00413	-116.67	81.32	0.00351
-120.21	77.78	0.00304	-127.28	70.71	0.00235
-134.35	63.64	0.00186	-141.42	56.57	0.00150
-148.49	49.50	0.00123	-155.56	42.43	0.00104
-162.63	35.36	0.00089	-169.71	28.28	0.00077
-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	0.00910	-70.71	113.14	0.01062
-74.25	109.60	0.01151	-77.78	106.07	0.01245
-79.90	103.94	0.01304	-81.32	102.53	0.01342
-82.73	101.12	0.01382	-84.15	99.70	0.01428
-85.56	98.29	0.01475	-98.29	85.56	0.00664
-99.70	84.15	0.00603	-101.12	82.73	0.00553
-102.53	81.32	0.00511	-103.94	79.90	0.00475
-106.07	77.78	0.00428	-109.60	74.25	0.00366
-113.14	70.71	0.00317	-120.21	63.64	0.00246
-127.28	56.57	0.00196	-134.35	49.50	0.00158
-141.42	42.43	0.00130	-148.49	35.36	0.00109
-155.56	28.28	0.00092	-162.63	21.21	0.00080
-14.14	155.56	0.00420	-21.21	148.49	0.00470
-28.28	141.42	0.00530	-35.36	134.35	0.00601
-42.43	127.28	0.00688	-49.50	120.21	0.00793
-56.57	113.14	0.00920	-63.64	106.07	0.01073
-67.18	102.53	0.01162	-70.71	98.99	0.01258

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

20:01:50
 **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	0.01317	-74.25	95.46	0.01356
-75.66	94.05	0.01396	-77.07	92.63	0.01439

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01486	-91.22	78.49	0.00676
-92.63	77.07	0.00616	-94.05	75.66	0.00567
-95.46	74.25	0.00525	-96.87	72.83	0.00489
-98.99	70.71	0.00442	-102.53	67.18	0.00379
-106.07	63.64	0.00329	-113.14	56.57	0.00256
-120.21	49.50	0.00204	-127.28	42.43	0.00166
-134.35	35.36	0.00136	-141.42	28.28	0.00114
-148.49	21.21	0.00096	-155.56	14.14	0.00083
-7.07	148.49	0.00424	-14.14	141.42	0.00474
-21.21	134.35	0.00534	-28.28	127.28	0.00607
-35.36	120.21	0.00694	-42.43	113.14	0.00800
-49.50	106.07	0.00928	-56.57	98.99	0.01083
-60.10	95.46	0.01171	-63.64	91.92	0.01268
-65.76	89.80	0.01328	-67.18	88.39	0.01368
-68.59	86.97	0.01407	-70.00	85.56	0.01448
-71.42	84.15	0.01495	-84.15	71.42	0.00688
-85.56	70.00	0.00627	-86.97	68.59	0.00578
-88.39	67.18	0.00536	-89.80	65.76	0.00500
-91.92	63.64	0.00453	-95.46	60.10	0.00389
-98.99	56.57	0.00339	-106.07	49.50	0.00264
-113.14	42.43	0.00212	-120.21	35.36	0.00172
-127.28	28.28	0.00142	-134.35	21.21	0.00119
-141.42	14.14	0.00100	-148.49	7.07	0.00086
0.00	141.42	0.00426	-7.07	134.35	0.00477
-14.14	127.28	0.00539	-21.21	120.21	0.00612
-28.28	113.14	0.00700	-35.36	106.07	0.00806
-42.43	98.99	0.00935	-49.50	91.92	0.01091
-53.03	88.39	0.01181	-56.57	84.85	0.01276
-58.69	82.73	0.01336	-60.10	81.32	0.01376
-61.52	79.90	0.01417	-62.93	78.49	0.01457
-64.35	77.07	0.01503	-77.07	64.35	0.00698
-78.49	62.93	0.00637	-79.90	61.52	0.00588
-81.32	60.10	0.00546	-82.73	58.69	0.00510
-84.85	56.57	0.00462	-88.39	53.03	0.00399
-91.92	49.50	0.00348	-98.99	42.43	0.00272
-106.07	35.36	0.00218	-113.14	28.28	0.00178
-120.21	21.21	0.00148	-127.28	14.14	0.00123
-134.35	7.07	0.00104	-141.42	0.00	0.00089

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

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

20:01:50
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00428	0.00	127.28	0.00480
-7.07	120.21	0.00542	-14.14	113.14	0.00616
-21.21	106.07	0.00704	-28.28	98.99	0.00811
-35.36	91.92	0.00941	-42.43	84.85	0.01098
-45.96	81.32	0.01188	-49.50	77.78	0.01284
-51.62	75.66	0.01343	-53.03	74.25	0.01384
-54.45	72.83	0.01424	-55.86	71.42	0.01465
-57.28	70.00	0.01509	-70.00	57.28	0.00706
-71.42	55.86	0.00646	-72.83	54.45	0.00596
-74.25	53.03	0.00554	-75.66	51.62	0.00518
-77.78	49.50	0.00471	-81.32	45.96	0.00407
-84.85	42.43	0.00356	-91.92	35.36	0.00279
-98.99	28.28	0.00224	-106.07	21.21	0.00184
-113.14	14.14	0.00152	-120.21	7.07	0.00128
-127.28	0.00	0.00108	-134.35	-7.07	0.00093
14.14	127.28	0.00430	7.07	120.21	0.00483
0.00	113.14	0.00545	-7.07	106.07	0.00619
-14.14	98.99	0.00708	-21.21	91.92	0.00816
-28.28	84.85	0.00946	-35.36	77.78	0.01104
-38.89	74.25	0.01194	-42.43	70.71	0.01291
-44.55	68.59	0.01351	-45.96	67.18	0.01391
-47.38	65.76	0.01431	-48.79	64.35	0.01472
-50.20	62.93	0.01514	-62.93	50.20	0.00714
-64.35	48.79	0.00653	-65.76	47.38	0.00604
-67.18	45.96	0.00561	-68.59	44.55	0.00525
-70.71	42.43	0.00478	-74.25	38.89	0.00414
-77.78	35.36	0.00363	-84.85	28.28	0.00285
-91.92	21.21	0.00230	-98.99	14.14	0.00188
-106.07	7.07	0.00157	-113.14	0.00	0.00132
-120.21	-7.07	0.00112	-127.28	-14.14	0.00096
21.21	120.21	0.00432	14.14	113.14	0.00485
7.07	106.07	0.00547	0.00	98.99	0.00622
-7.07	91.92	0.00711	-14.14	84.85	0.00819
-21.21	77.78	0.00950	-28.28	70.71	0.01109
-31.82	67.18	0.01199	-35.36	63.64	0.01296
-37.48	61.52	0.01356	-38.89	60.10	0.01397
-40.31	58.69	0.01437	-41.72	57.28	0.01477
-43.13	55.86	0.01520	-55.86	43.13	0.00720
-57.28	41.72	0.00659	-58.69	40.31	0.00610
-60.10	38.89	0.00568	-61.52	37.48	0.00531

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

*** NCRA Cumulative DPM Impacts

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

20:01:50

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00484	-67.18	31.82	0.00420
-70.71	28.28	0.00368	-77.78	21.21	0.00291
-84.85	14.14	0.00235	-91.92	7.07	0.00193
-98.99	0.00	0.00161	-106.07	-7.07	0.00135
-113.14	-14.14	0.00115	-120.21	-21.21	0.00099
28.28	113.14	0.00433	21.21	106.07	0.00486
14.14	98.99	0.00549	7.07	91.92	0.00624
0.00	84.85	0.00713	-7.07	77.78	0.00821
-14.14	70.71	0.00953	-21.21	63.64	0.01112
-24.75	60.10	0.01204	-28.28	56.57	0.01301
-30.41	54.45	0.01362	-31.82	53.03	0.01402
-33.23	51.62	0.01442	-34.65	50.20	0.01483
-36.06	48.79	0.01524	-48.79	36.06	0.00726
-50.20	34.65	0.00664	-51.62	33.23	0.00614
-53.03	31.82	0.00573	-54.45	30.41	0.00536
-56.57	28.28	0.00489	-60.10	24.75	0.00425
-63.64	21.21	0.00373	-70.71	14.14	0.00295
-77.78	7.07	0.00239	-84.85	0.00	0.00197
-91.92	-7.07	0.00164	-98.99	-14.14	0.00139
-106.07	-21.21	0.00118	-113.14	-28.28	0.00101
35.36	106.07	0.00433	28.28	98.99	0.00486
21.21	91.92	0.00550	14.14	84.85	0.00625
7.07	77.78	0.00715	0.00	70.71	0.00823
-7.07	63.64	0.00955	-14.14	56.57	0.01114
-17.68	53.03	0.01206	-21.21	49.50	0.01305
-23.33	47.38	0.01365	-24.75	45.96	0.01405
-26.16	44.55	0.01447	-27.58	43.13	0.01490
-28.99	41.72	0.01533	-41.72	28.99	0.00730
-43.13	27.58	0.00669	-44.55	26.16	0.00618
-45.96	24.75	0.00577	-47.38	23.33	0.00540
-49.50	21.21	0.00493	-53.03	17.68	0.00429
-56.57	14.14	0.00378	-63.64	7.07	0.00300
-70.71	0.00	0.00243	-77.78	-7.07	0.00200
-84.85	-14.14	0.00167	-91.92	-21.21	0.00142

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00121	-106.07	-35.36	0.00104
42.43	98.99	0.00433	35.36	91.92	0.00486
28.28	84.85	0.00550	21.21	77.78	0.00625
14.14	70.71	0.00715	7.07	63.64	0.00825
0.00	56.57	0.00957	-7.07	49.50	0.01117
-10.61	45.96	0.01209	-14.14	42.43	0.01307

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

20:01:50
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01367	-17.68	38.89	0.01407
-19.09	37.48	0.01447	-20.51	36.06	0.01494
-21.92	34.65	0.01541	-34.65	21.92	0.00733
-36.06	20.51	0.00673	-37.48	19.09	0.00622
-38.89	17.68	0.00581	-40.31	16.26	0.00544
-42.43	14.14	0.00497	-45.96	10.61	0.00433
-49.50	7.07	0.00381	-56.57	0.00	0.00303
-63.64	-7.07	0.00246	-70.71	-14.14	0.00203
-77.78	-21.21	0.00170	-84.85	-28.28	0.00144
-91.92	-35.36	0.00123	-98.99	-42.43	0.00106
49.50	91.92	0.00432	42.43	84.85	0.00486
35.36	77.78	0.00549	28.28	70.71	0.00625
21.21	63.64	0.00716	14.14	56.57	0.00825
7.07	49.50	0.00958	0.00	42.43	0.01118
-3.54	38.89	0.01210	-7.07	35.36	0.01308
-9.19	33.23	0.01369	-10.61	31.82	0.01410
-12.02	30.41	0.01450	-13.44	28.99	0.01493
-14.85	27.58	0.01541	-27.58	14.85	0.00734
-28.99	13.44	0.00675	-30.41	12.02	0.00626
-31.82	10.61	0.00584	-33.23	9.19	0.00548
-35.36	7.07	0.00500	-38.89	3.54	0.00437
-42.43	0.00	0.00385	-49.50	-7.07	0.00306
-56.57	-14.14	0.00249	-63.64	-21.21	0.00206
-70.71	-28.28	0.00173	-77.78	-35.36	0.00147
-84.85	-42.43	0.00126	-91.92	-49.50	0.00109
56.57	84.85	0.00431	49.50	77.78	0.00485
42.43	70.71	0.00548	35.36	63.64	0.00624
28.28	56.57	0.00715	21.21	49.50	0.00825

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00958	7.07	35.36	0.01119
3.54	31.82	0.01211	0.00	28.28	0.01309
-2.12	26.16	0.01371	-3.54	24.75	0.01412
-4.95	23.33	0.01452	-6.36	21.92	0.01493
-7.78	20.51	0.01541	-20.51	7.78	0.00736
-21.92	6.36	0.00677	-23.33	4.95	0.00628
-24.75	3.54	0.00586	-26.16	2.12	0.00550
-28.28	0.00	0.00503	-31.82	-3.54	0.00439
-35.36	-7.07	0.00388	-42.43	-14.14	0.00309
-49.50	-21.21	0.00252	-56.57	-28.28	0.00209
-63.64	-35.36	0.00175	-70.71	-42.43	0.00149
-77.78	-49.50	0.00128	-84.85	-56.57	0.00110

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

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

20:01:50

**MODELOPTs:
 PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00429	56.57	70.71	0.00483
49.50	63.64	0.00547	42.43	56.57	0.00623
35.36	49.50	0.00714	28.28	42.43	0.00824
21.21	35.36	0.00958	14.14	28.28	0.01120
10.61	24.75	0.01212	7.07	21.21	0.01309
4.95	19.09	0.01371	3.54	17.68	0.01411
2.12	16.26	0.01453	0.71	14.85	0.01494
-0.71	13.44	0.01540	-13.44	0.71	0.00738
-14.85	-0.71	0.00678	-16.26	-2.12	0.00629
-17.68	-3.54	0.00588	-19.09	-4.95	0.00551
-21.21	-7.07	0.00505	-24.75	-10.61	0.00441
-28.28	-14.14	0.00390	-35.36	-21.21	0.00311
-42.43	-28.28	0.00254	-49.50	-35.36	0.00211
-56.57	-42.43	0.00177	-63.64	-49.50	0.00151
-70.71	-56.57	0.00129	-77.78	-63.64	0.00112
70.71	70.71	0.00427	63.64	63.64	0.00481
56.57	56.57	0.00545	49.50	49.50	0.00621
42.43	42.43	0.00712	35.36	35.36	0.00823
28.28	28.28	0.00957	21.21	21.21	0.01119
17.68	17.68	0.01211	14.14	14.14	0.01310
12.02	12.02	0.01370	10.61	10.61	0.01411
9.19	9.19	0.01452	7.78	7.78	0.01494

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01538	-6.36	-6.36	0.00739
-7.78	-7.78	0.00679	-9.19	-9.19	0.00631
-10.61	-10.61	0.00589	-12.02	-12.02	0.00553
-14.14	-14.14	0.00506	-17.68	-17.68	0.00442
-21.21	-21.21	0.00392	-28.28	-28.28	0.00313
-35.36	-35.36	0.00256	-42.43	-42.43	0.00213
-49.50	-49.50	0.00179	-56.57	-56.57	0.00152
-63.64	-63.64	0.00131	-70.71	-70.71	0.00114
77.78	63.64	0.00424	70.71	56.57	0.00478
63.64	49.50	0.00542	56.57	42.43	0.00618
49.50	35.36	0.00709	42.43	28.28	0.00820
35.36	21.21	0.00955	28.28	14.14	0.01118
24.75	10.61	0.01210	21.21	7.07	0.01309
19.09	4.95	0.01370	17.68	3.54	0.01411
16.26	2.12	0.01452	14.85	0.71	0.01493
13.44	-0.71	0.01536	0.71	-13.44	0.00740
-0.71	-14.85	0.00680	-2.12	-16.26	0.00631
-3.54	-17.68	0.00590	-4.95	-19.09	0.00554

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

20:01:50
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00507	-10.61	-24.75	0.00444
-14.14	-28.28	0.00393	-21.21	-35.36	0.00315
-28.28	-42.43	0.00258	-35.36	-49.50	0.00214
-42.43	-56.57	0.00181	-49.50	-63.64	0.00154
-56.57	-70.71	0.00133	-63.64	-77.78	0.00115
84.85	56.57	0.00420	77.78	49.50	0.00474
70.71	42.43	0.00538	63.64	35.36	0.00614
56.57	28.28	0.00706	49.50	21.21	0.00817
42.43	14.14	0.00953	35.36	7.07	0.01116
31.82	3.54	0.01209	28.28	0.00	0.01308
26.16	-2.12	0.01369	24.75	-3.54	0.01410
23.33	-4.95	0.01451	21.92	-6.36	0.01492
20.51	-7.78	0.01535	7.78	-20.51	0.00741
6.36	-21.92	0.00680	4.95	-23.33	0.00631
3.54	-24.75	0.00590	2.12	-26.16	0.00554
0.00	-28.28	0.00507	-3.54	-31.82	0.00444

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00394	-14.14	-42.43	0.00316
-21.21	-49.50	0.00259	-28.28	-56.57	0.00216
-35.36	-63.64	0.00182	-42.43	-70.71	0.00155
-49.50	-77.78	0.00134	-56.57	-84.85	0.00116
91.92	49.50	0.00415	84.85	42.43	0.00470
77.78	35.36	0.00534	70.71	28.28	0.00610
63.64	21.21	0.00702	56.57	14.14	0.00814
49.50	7.07	0.00949	42.43	0.00	0.01112
38.89	-3.54	0.01207	35.36	-7.07	0.01306
33.23	-9.19	0.01368	31.82	-10.61	0.01409
30.41	-12.02	0.01450	28.99	-13.44	0.01491
27.58	-14.85	0.01533	14.85	-27.58	0.00741
13.44	-28.99	0.00680	12.02	-30.41	0.00631
10.61	-31.82	0.00590	9.19	-33.23	0.00554
7.07	-35.36	0.00507	3.54	-38.89	0.00444
0.00	-42.43	0.00394	-7.07	-49.50	0.00317
-14.14	-56.57	0.00260	-21.21	-63.64	0.00217
-28.28	-70.71	0.00183	-35.36	-77.78	0.00156
-42.43	-84.85	0.00135	-49.50	-91.92	0.00118
98.99	42.43	0.00410	91.92	35.36	0.00464
84.85	28.28	0.00529	77.78	21.21	0.00605
70.71	14.14	0.00697	63.64	7.07	0.00809
56.57	0.00	0.00945	49.50	-7.07	0.01108
45.96	-10.61	0.01203	42.43	-14.14	0.01303

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

20:01:50
 **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	0.01364	38.89	-17.68	0.01406
37.48	-19.09	0.01449	36.06	-20.51	0.01492
34.65	-21.92	0.01535	21.92	-34.65	0.00740
20.51	-36.06	0.00679	19.09	-37.48	0.00630
17.68	-38.89	0.00589	16.26	-40.31	0.00553
14.14	-42.43	0.00507	10.61	-45.96	0.00444
7.07	-49.50	0.00394	0.00	-56.57	0.00317
-7.07	-63.64	0.00261	-14.14	-70.71	0.00218
-21.21	-77.78	0.00184	-28.28	-84.85	0.00157
-35.36	-91.92	0.00136	-42.43	-98.99	0.00119

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00404	98.99	28.28	0.00458
91.92	21.21	0.00523	84.85	14.14	0.00599
77.78	7.07	0.00691	70.71	0.00	0.00803
63.64	-7.07	0.00939	56.57	-14.14	0.01104
53.03	-17.68	0.01198	49.50	-21.21	0.01298
47.38	-23.33	0.01360	45.96	-24.75	0.01401
44.55	-26.16	0.01442	43.13	-27.58	0.01490
41.72	-28.99	0.01538	28.99	-41.72	0.00738
27.58	-43.13	0.00678	26.16	-44.55	0.00629
24.75	-45.96	0.00588	23.33	-47.38	0.00552
21.21	-49.50	0.00506	17.68	-53.03	0.00444
14.14	-56.57	0.00393	7.07	-63.64	0.00317
0.00	-70.71	0.00261	-7.07	-77.78	0.00218
-14.14	-84.85	0.00185	-21.21	-91.92	0.00158
-28.28	-98.99	0.00137	-35.36	-106.07	0.00120
113.14	28.28	0.00398	106.07	21.21	0.00451
98.99	14.14	0.00515	91.92	7.07	0.00592
84.85	0.00	0.00685	77.78	-7.07	0.00797
70.71	-14.14	0.00933	63.64	-21.21	0.01098
60.10	-24.75	0.01192	56.57	-28.28	0.01293
54.45	-30.41	0.01355	53.03	-31.82	0.01397
51.62	-33.23	0.01438	50.20	-34.65	0.01483
48.79	-36.06	0.01532	36.06	-48.79	0.00734
34.65	-50.20	0.00675	33.23	-51.62	0.00627
31.82	-53.03	0.00586	30.41	-54.45	0.00551
28.28	-56.57	0.00505	24.75	-60.10	0.00443
21.21	-63.64	0.00393	14.14	-70.71	0.00317
7.07	-77.78	0.00261	0.00	-84.85	0.00219
-7.07	-91.92	0.00185	-14.14	-98.99	0.00159
-21.21	-106.07	0.00138	-28.28	-113.14	0.00120

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

20:01:50
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00390	113.14	14.14	0.00443
106.07	7.07	0.00507	98.99	0.00	0.00584
91.92	-7.07	0.00676	84.85	-14.14	0.00789
77.78	-21.21	0.00925	70.71	-28.28	0.01091

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.01185	63.64	-35.36	0.01286
61.52	-37.48	0.01350	60.10	-38.89	0.01392
58.69	-40.31	0.01433	57.28	-41.72	0.01475
55.86	-43.13	0.01524	43.13	-55.86	0.00731
41.72	-57.28	0.00672	40.31	-58.69	0.00624
38.89	-60.10	0.00584	37.48	-61.52	0.00548
35.36	-63.64	0.00503	31.82	-67.18	0.00441
28.28	-70.71	0.00392	21.21	-77.78	0.00316
14.14	-84.85	0.00261	7.07	-91.92	0.00219
0.00	-98.99	0.00186	-7.07	-106.07	0.00159
-14.14	-113.14	0.00138	-21.21	-120.21	0.00121
127.28	14.14	0.00381	120.21	7.07	0.00434
113.14	0.00	0.00498	106.07	-7.07	0.00574
98.99	-14.14	0.00667	91.92	-21.21	0.00779
84.85	-28.28	0.00916	77.78	-35.36	0.01083
74.25	-38.89	0.01178	70.71	-42.43	0.01279
68.59	-44.55	0.01342	67.18	-45.96	0.01384
65.76	-47.38	0.01427	64.35	-48.79	0.01469
62.93	-50.20	0.01517	50.20	-62.93	0.00727
48.79	-64.35	0.00669	47.38	-65.76	0.00621
45.96	-67.18	0.00580	44.55	-68.59	0.00545
42.43	-70.71	0.00500	38.89	-74.25	0.00439
35.36	-77.78	0.00390	28.28	-84.85	0.00315
21.21	-91.92	0.00260	14.14	-98.99	0.00219
7.07	-106.07	0.00186	0.00	-113.14	0.00160
-7.07	-120.21	0.00139	-14.14	-127.28	0.00122
134.35	7.07	0.00372	127.28	0.00	0.00424
120.21	-7.07	0.00487	113.14	-14.14	0.00563
106.07	-21.21	0.00656	98.99	-28.28	0.00768
91.92	-35.36	0.00906	84.85	-42.43	0.01073
81.32	-45.96	0.01168	77.78	-49.50	0.01270
75.66	-51.62	0.01333	74.25	-53.03	0.01375
72.83	-54.45	0.01418	71.42	-55.86	0.01461
70.00	-57.28	0.01507	57.28	-70.00	0.00723
55.86	-71.42	0.00664	54.45	-72.83	0.00617
53.03	-74.25	0.00577	51.62	-75.66	0.00542

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

20:01:50
 **MODELOPTs:
 PAGE 136
 CONC

URBAN FLAT FLGPOL DFAULT

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

14NCRA_SR04-300_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	0.00497	45.96	-81.32	0.00436
42.43	-84.85	0.00388	35.36	-91.92	0.00314
28.28	-98.99	0.00260	21.21	-106.07	0.00218
14.14	-113.14	0.00186	7.07	-120.21	0.00160
0.00	-127.28	0.00139	-7.07	-134.35	0.00122
141.42	0.00	0.00362	134.35	-7.07	0.00413
127.28	-14.14	0.00475	120.21	-21.21	0.00551
113.14	-28.28	0.00643	106.07	-35.36	0.00755
98.99	-42.43	0.00893	91.92	-49.50	0.01061
88.39	-53.03	0.01156	84.85	-56.57	0.01259
82.73	-58.69	0.01323	81.32	-60.10	0.01365
79.90	-61.52	0.01408	78.49	-62.93	0.01451
77.07	-64.35	0.01497	64.35	-77.07	0.00718
62.93	-78.49	0.00659	61.52	-79.90	0.00612
60.10	-81.32	0.00572	58.69	-82.73	0.00538
56.57	-84.85	0.00493	53.03	-88.39	0.00433
49.50	-91.92	0.00385	42.43	-98.99	0.00312
35.36	-106.07	0.00259	28.28	-113.14	0.00218
21.21	-120.21	0.00186	14.14	-127.28	0.00160
7.07	-134.35	0.00140	0.00	-141.42	0.00123
148.49	-7.07	0.00350	141.42	-14.14	0.00400
134.35	-21.21	0.00461	127.28	-28.28	0.00536
120.21	-35.36	0.00628	113.14	-42.43	0.00740
106.07	-49.50	0.00878	98.99	-56.57	0.01046
95.46	-60.10	0.01142	91.92	-63.64	0.01246
89.80	-65.76	0.01310	88.39	-67.18	0.01353
86.97	-68.59	0.01396	85.56	-70.00	0.01440
84.15	-71.42	0.01485	71.42	-84.15	0.00712
70.00	-85.56	0.00653	68.59	-86.97	0.00607
67.18	-88.39	0.00567	65.76	-89.80	0.00533
63.64	-91.92	0.00489	60.10	-95.46	0.00429
56.57	-98.99	0.00382	49.50	-106.07	0.00310
42.43	-113.14	0.00257	35.36	-120.21	0.00217
28.28	-127.28	0.00185	21.21	-134.35	0.00160
14.14	-141.42	0.00140	7.07	-148.49	0.00123
155.56	-14.14	0.00338	148.49	-21.21	0.00387
141.42	-28.28	0.00446	134.35	-35.36	0.00519
127.28	-42.43	0.00610	120.21	-49.50	0.00722
113.14	-56.57	0.00859	106.07	-63.64	0.01027
102.53	-67.18	0.01125	98.99	-70.71	0.01230

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

*** NCRA Cumulative DPM Impacts

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

20:01:50
 **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	0.01296	95.46	-74.25	0.01339	
94.05	-75.66	0.01383	92.63	-77.07	0.01426	
91.22	-78.49	0.01472	78.49	-91.22	0.00705	
77.07	-92.63	0.00646	75.66	-94.05	0.00600	
74.25	-95.46	0.00561	72.83	-96.87	0.00527	
70.71	-98.99	0.00484	67.18	-102.53	0.00425	
63.64	-106.07	0.00379	56.57	-113.14	0.00308	
49.50	-120.21	0.00256	42.43	-127.28	0.00216	
35.36	-134.35	0.00185	28.28	-141.42	0.00160	
21.21	-148.49	0.00140	14.14	-155.56	0.00123	
162.63	-21.21	0.00326	155.56	-28.28	0.00372	
148.49	-35.36	0.00429	141.42	-42.43	0.00500	
134.35	-49.50	0.00589	127.28	-56.57	0.00700	
120.21	-63.64	0.00837	113.14	-70.71	0.01006	
109.60	-74.25	0.01104	106.07	-77.78	0.01210	
103.94	-79.90	0.01276	102.53	-81.32	0.01320	
101.12	-82.73	0.01366	99.70	-84.15	0.01413	
98.29	-85.56	0.01460	85.56	-98.29	0.00696	
84.15	-99.70	0.00638	82.73	-101.12	0.00591	
81.32	-102.53	0.00553	79.90	-103.94	0.00520	
77.78	-106.07	0.00478	74.25	-109.60	0.00420	
70.71	-113.14	0.00374	63.64	-120.21	0.00305	
56.57	-127.28	0.00254	49.50	-134.35	0.00215	
42.43	-141.42	0.00185	35.36	-148.49	0.00160	
28.28	-155.56	0.00140	21.21	-162.63	0.00123	
169.71	-28.28	0.00313	162.63	-35.36	0.00357	
155.56	-42.43	0.00411	148.49	-49.50	0.00479	
141.42	-56.57	0.00565	134.35	-63.64	0.00674	
127.28	-70.71	0.00811	120.21	-77.78	0.00979	
116.67	-81.32	0.01078	113.14	-84.85	0.01185	
111.02	-86.97	0.01251	109.60	-88.39	0.01296	
108.19	-89.80	0.01341	106.77	-91.22	0.01393	
105.36	-92.63	0.01446	92.63	-105.36	0.00685	
91.22	-106.77	0.00628	89.80	-108.19	0.00582	
88.39	-109.60	0.00545	86.97	-111.02	0.00512	
84.85	-113.14	0.00471	81.32	-116.67	0.00414	

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00369	70.71	-127.28	0.00302
63.64	-134.35	0.00252	56.57	-141.42	0.00214
49.50	-148.49	0.00184	42.43	-155.56	0.00159
35.36	-162.63	0.00139	28.28	-169.71	0.00123

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

20:01:50
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00299	169.71	-42.43	0.00341
162.63	-49.50	0.00392	155.56	-56.57	0.00456
148.49	-63.64	0.00539	141.42	-70.71	0.00644
134.35	-77.78	0.00779	127.28	-84.85	0.00947
123.74	-88.39	0.01046	120.21	-91.92	0.01154
118.09	-94.05	0.01222	116.67	-95.46	0.01268
115.26	-96.87	0.01313	113.84	-98.29	0.01363
112.43	-99.70	0.01418	99.70	-112.43	0.00670
98.29	-113.84	0.00616	96.87	-115.26	0.00572
95.46	-116.67	0.00535	94.05	-118.09	0.00504
91.92	-120.21	0.00463	88.39	-123.74	0.00408
84.85	-127.28	0.00364	77.78	-134.35	0.00298
70.71	-141.42	0.00250	63.64	-148.49	0.00213
56.57	-155.56	0.00183	49.50	-162.63	0.00159
42.43	-169.71	0.00139	35.36	-176.78	0.00122
183.85	-42.43	0.00286	176.78	-49.50	0.00324
169.71	-56.57	0.00372	162.63	-63.64	0.00432
155.56	-70.71	0.00509	148.49	-77.78	0.00609
141.42	-84.85	0.00740	134.35	-91.92	0.00908
130.81	-95.46	0.01006	127.28	-98.99	0.01114
125.16	-101.12	0.01184	123.74	-102.53	0.01231
122.33	-103.94	0.01278	120.92	-105.36	0.01327
119.50	-106.77	0.01383	106.77	-119.50	0.00654
105.36	-120.92	0.00601	103.94	-122.33	0.00559
102.53	-123.74	0.00523	101.12	-125.16	0.00493
98.99	-127.28	0.00454	95.46	-130.81	0.00401
91.92	-134.35	0.00359	84.85	-141.42	0.00295
77.78	-148.49	0.00248	70.71	-155.56	0.00211
63.64	-162.63	0.00182	56.57	-169.71	0.00158
49.50	-176.78	0.00138	42.43	-183.85	0.00122

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00273	183.85	-56.57	0.00308
176.78	-63.64	0.00352	169.71	-70.71	0.00407
162.63	-77.78	0.00477	155.56	-84.85	0.00570
148.49	-91.92	0.00694	141.42	-98.99	0.00857
137.89	-102.53	0.00956	134.35	-106.07	0.01064
132.23	-108.19	0.01134	130.81	-109.60	0.01182
129.40	-111.02	0.01232	127.99	-112.43	0.01282
126.57	-113.84	0.01338	113.84	-126.57	0.00636
112.43	-127.99	0.00586	111.02	-129.40	0.00545
109.60	-130.81	0.00511	108.19	-132.23	0.00481

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

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

20:01:50

**MODELOPTs:

PAGE 139

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00444	102.53	-137.89	0.00393
98.99	-141.42	0.00353	91.92	-148.49	0.00291
84.85	-155.56	0.00245	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	0.00332	176.78	-77.78	0.00381
169.71	-84.85	0.00445	162.63	-91.92	0.00528
155.56	-98.99	0.00640	148.49	-106.07	0.00795
144.96	-109.60	0.00891	141.42	-113.14	0.01000
139.30	-115.26	0.01070	137.89	-116.67	0.01119
136.47	-118.09	0.01170	135.06	-119.50	0.01222
133.64	-120.92	0.01280	120.92	-133.64	0.00616
119.50	-135.06	0.00567	118.09	-136.47	0.00529
116.67	-137.89	0.00496	115.26	-139.30	0.00468
113.14	-141.42	0.00433	109.60	-144.96	0.00385
106.07	-148.49	0.00347	98.99	-155.56	0.00287
91.92	-162.63	0.00242	84.85	-169.71	0.00207
77.78	-176.78	0.00178	70.71	-183.85	0.00155
63.64	-190.92	0.00135	56.57	-197.99	0.00119
205.06	-63.64	0.00245	197.99	-70.71	0.00275
190.92	-77.78	0.00312	183.85	-84.85	0.00356
176.78	-91.92	0.00412	169.71	-98.99	0.00485
162.63	-106.07	0.00582	155.56	-113.14	0.00719

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00809	148.49	-120.21	0.00915
146.37	-122.33	0.00985	144.96	-123.74	0.01035
143.54	-125.16	0.01087	142.13	-126.57	0.01141
140.71	-127.99	0.01201	127.99	-140.71	0.00593
126.57	-142.13	0.00547	125.16	-143.54	0.00512
123.74	-144.96	0.00481	122.33	-146.37	0.00456
120.21	-148.49	0.00422	116.67	-152.03	0.00378
113.14	-155.56	0.00341	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	0.00152
70.71	-197.99	0.00134	63.64	-205.06	0.00118
212.13	-70.71	0.00231	205.06	-77.78	0.00259
197.99	-84.85	0.00291	190.92	-91.92	0.00331
183.85	-98.99	0.00380	176.78	-106.07	0.00443
169.71	-113.14	0.00524	162.63	-120.21	0.00636
159.10	-123.74	0.00711	155.56	-127.28	0.00805

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

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

20:01:50
 **MODELOPTs:
 PAGE 140
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00871	152.03	-130.81	0.00920
150.61	-132.23	0.00973	149.20	-133.64	0.01029
147.79	-135.06	0.01092	135.06	-147.79	0.00568
133.64	-149.20	0.00527	132.23	-150.61	0.00495
130.81	-152.03	0.00467	129.40	-153.44	0.00443
127.28	-155.56	0.00413	123.74	-159.10	0.00370
120.21	-162.63	0.00334	113.14	-169.71	0.00277
106.07	-176.78	0.00234	98.99	-183.85	0.00200
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	0.00217	212.13	-84.85	0.00241
205.06	-91.92	0.00270	197.99	-98.99	0.00305
190.92	-106.07	0.00348	183.85	-113.14	0.00401
176.78	-120.21	0.00468	169.71	-127.28	0.00555
166.17	-130.81	0.00610	162.63	-134.35	0.00680
160.51	-136.47	0.00731	159.10	-137.89	0.00770
157.68	-139.30	0.00816	156.27	-140.71	0.00870
154.86	-142.13	0.00933	142.13	-154.86	0.00546

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00509	139.30	-157.68	0.00479
137.89	-159.10	0.00455	136.47	-160.51	0.00432
134.35	-162.63	0.00403	130.81	-166.17	0.00361
127.28	-169.71	0.00326	120.21	-176.78	0.00271
113.14	-183.85	0.00229	106.07	-190.92	0.00196
98.99	-197.99	0.00169	91.92	-205.06	0.00148
84.85	-212.13	0.00130	77.78	-219.20	0.00115
226.27	-84.85	0.00202	219.20	-91.92	0.00223
212.13	-98.99	0.00248	205.06	-106.07	0.00279
197.99	-113.14	0.00315	190.92	-120.21	0.00359
183.85	-127.28	0.00412	176.78	-134.35	0.00478
173.24	-137.89	0.00518	169.71	-141.42	0.00563
167.58	-143.54	0.00595	166.17	-144.96	0.00618
164.76	-146.37	0.00643	163.34	-147.79	0.00675
161.93	-149.20	0.00715	149.20	-161.93	0.00526
147.79	-163.34	0.00492	146.37	-164.76	0.00464
144.96	-166.17	0.00440	143.54	-167.58	0.00419
141.42	-169.71	0.00391	137.89	-173.24	0.00350
134.35	-176.78	0.00317	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 ***
 04/18/08

20:01:50

**MODELOPTs:

PAGE 141

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	0.00187	226.27	-98.99	0.00205
219.20	-106.07	0.00227	212.13	-113.14	0.00252
205.06	-120.21	0.00282	197.99	-127.28	0.00317
190.92	-134.35	0.00357	183.85	-141.42	0.00405
180.31	-144.96	0.00431	176.78	-148.49	0.00459
174.66	-150.61	0.00478	173.24	-152.03	0.00490
171.83	-153.44	0.00504	170.41	-154.86	0.00519
169.00	-156.27	0.00535	156.27	-169.00	0.00496
154.86	-170.41	0.00468	153.44	-171.83	0.00443
152.03	-173.24	0.00421	150.61	-174.66	0.00402
148.49	-176.78	0.00375	144.96	-180.31	0.00337
141.42	-183.85	0.00306	134.35	-190.92	0.00255

14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00217	120.21	-205.06	0.00186
113.14	-212.13	0.00162	106.07	-219.20	0.00142
98.99	-226.27	0.00125	91.92	-233.35	0.00112
240.42	-98.99	0.00173	233.35	-106.07	0.00189
226.27	-113.14	0.00207	219.20	-120.21	0.00228
212.13	-127.28	0.00252	205.06	-134.35	0.00280
197.99	-141.42	0.00312	190.92	-148.49	0.00349
187.38	-152.03	0.00370	183.85	-155.56	0.00392
181.73	-157.68	0.00407	180.31	-159.10	0.00417
178.90	-160.51	0.00427	177.48	-161.93	0.00437
176.07	-163.34	0.00448	163.34	-176.07	0.00441
161.93	-177.48	0.00426	160.51	-178.90	0.00410
159.10	-180.31	0.00394	157.68	-181.73	0.00378
155.56	-183.85	0.00356	152.03	-187.38	0.00322
148.49	-190.92	0.00292	141.42	-197.99	0.00245
134.35	-205.06	0.00209	127.28	-212.13	0.00180
120.21	-219.20	0.00157	113.14	-226.27	0.00138
106.07	-233.35	0.00123	98.99	-240.42	0.00109
247.49	-106.07	0.00160	240.42	-113.14	0.00174
233.35	-120.21	0.00189	226.27	-127.28	0.00207
219.20	-134.35	0.00228	212.13	-141.42	0.00251
205.06	-148.49	0.00278	197.99	-155.56	0.00309
194.45	-159.10	0.00326	190.92	-162.63	0.00344
188.80	-164.76	0.00354	187.38	-166.17	0.00361
185.97	-167.58	0.00368	184.55	-169.00	0.00375
183.14	-170.41	0.00382	170.41	-183.14	0.00382
169.00	-184.55	0.00373	167.58	-185.97	0.00364
166.17	-187.38	0.00353	164.76	-188.80	0.00343

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

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

20:01:50
 **MODELOPTs:
 PAGE 142

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00328	159.10	-194.45	0.00302
155.56	-197.99	0.00277	148.49	-205.06	0.00235
141.42	-212.13	0.00201	134.35	-219.20	0.00174
127.28	-226.27	0.00152	120.21	-233.35	0.00134
113.14	-240.42	0.00119	106.07	-247.49	0.00107

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

04/18/08

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

20:01:50

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.01020 AT (126.57, -113.84, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01012 AT (119.50, -106.77, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01004 AT (133.64, -120.92, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00981 AT (112.43, -99.70, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00968 AT (127.99, -112.43, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00963 AT (120.92, -105.36, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00961 AT (140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00950 AT (135.06, -119.50, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00937 AT (113.84, -98.29, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00923 AT (129.40, -111.02, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.01020 AT (62.93, -50.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01012 AT (55.86, -43.13, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01004 AT (70.00, -57.28, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00981 AT (48.79, -36.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00968 AT (64.35, -48.79, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00963 AT (57.28, -41.72, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00961 AT (77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00950 AT (71.42, -55.86, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00937 AT (50.20, -34.65, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00923 AT (65.76, -47.38, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.01020 AT (-0.71, 13.44, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01012 AT (-7.78, 20.51, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01004 AT (6.36, 6.36, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00981 AT (-14.85, 27.58, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00968 AT (0.71, 14.85, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00963 AT (-6.36, 21.92, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00960 AT (13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00950 AT (7.78, 7.78, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00937 AT (-13.44, 28.99, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00923 AT (2.12, 16.26, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/18/08

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

20:01:50

**MODELOPTs:
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.01020 AT (-64.35, 77.07, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01012 AT (-71.42, 84.15, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01004 AT (-57.28, 70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00981 AT (-78.49, 91.22, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00968 AT (-62.93, 78.49, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00963 AT (-70.00, 85.56, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00960 AT (-50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00950 AT (-55.86, 71.42, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00937 AT (-77.07, 92.63, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00923 AT (-61.52, 79.90, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.01020 AT (-127.99, 140.71, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01012 AT (-135.06, 147.79, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01004 AT (-120.92, 133.64, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00981 AT (-142.13, 154.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00968 AT (-126.57, 142.13, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00963 AT (-133.64, 149.20, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00960 AT (-113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00950 AT (-119.50, 135.06, 0.00, 1.20)	DC	NA

		14NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00937	AT (	-140.71,	156.27,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00923	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01541	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01541	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01541	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01540	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01538	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01538	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01536	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01535	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01535	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01533	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 ***

20:01:50

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 104 Informational Message(s)
 A Total of 104 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
