

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 15:29:43

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

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

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

RE STARTING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ME STARTING
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OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

15:29:43

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\18NCRA-1.DAT

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43

**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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43
 **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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43
 **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);

18NCRA_PL93-300_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 *** ISCS T3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

15:29:43

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

18NCRA_PL93-300_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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
(-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

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

*** NCRA Cumulative DPM Impacts ***
*** Maximum train overlap at SE/NW Bound Direction ***

15:29:43
**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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43

**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);

18NCRA_PL93-300_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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

(14.1,	-56.6,	0.0,	1.2);	(7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(-7.1,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-21.2,	-91.9,	0.0,	1.2);
(-28.3,	-99.0,	0.0,	1.2);	(-35.4,	-106.1,	0.0,	1.2);
(113.1,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(99.0,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(84.8,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(70.7,	-14.1,	0.0,	1.2);	(63.6,	-21.2,	0.0,	1.2);
(60.1,	-24.8,	0.0,	1.2);	(56.6,	-28.3,	0.0,	1.2);
(54.5,	-30.4,	0.0,	1.2);	(53.0,	-31.8,	0.0,	1.2);
(51.6,	-33.2,	0.0,	1.2);	(50.2,	-34.7,	0.0,	1.2);
(48.8,	-36.1,	0.0,	1.2);	(36.1,	-48.8,	0.0,	1.2);
(34.7,	-50.2,	0.0,	1.2);	(33.2,	-51.6,	0.0,	1.2);
(31.8,	-53.0,	0.0,	1.2);	(30.4,	-54.5,	0.0,	1.2);
(28.3,	-56.6,	0.0,	1.2);	(24.8,	-60.1,	0.0,	1.2);
(21.2,	-63.6,	0.0,	1.2);	(14.1,	-70.7,	0.0,	1.2);
(7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(-7.1,	-91.9,	0.0,	1.2);	(-14.1,	-99.0,	0.0,	1.2);
(-21.2,	-106.1,	0.0,	1.2);	(-28.3,	-113.1,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(113.1,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(99.0,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(84.8,	-14.1,	0.0,	1.2);
(77.8,	-21.2,	0.0,	1.2);	(70.7,	-28.3,	0.0,	1.2);
(67.2,	-31.8,	0.0,	1.2);	(63.6,	-35.4,	0.0,	1.2);
(61.5,	-37.5,	0.0,	1.2);	(60.1,	-38.9,	0.0,	1.2);
(58.7,	-40.3,	0.0,	1.2);	(57.3,	-41.7,	0.0,	1.2);
(55.9,	-43.1,	0.0,	1.2);	(43.1,	-55.9,	0.0,	1.2);
(41.7,	-57.3,	0.0,	1.2);	(40.3,	-58.7,	0.0,	1.2);
(38.9,	-60.1,	0.0,	1.2);	(37.5,	-61.5,	0.0,	1.2);
(35.4,	-63.6,	0.0,	1.2);	(31.8,	-67.2,	0.0,	1.2);
(28.3,	-70.7,	0.0,	1.2);	(21.2,	-77.8,	0.0,	1.2);
(14.1,	-84.8,	0.0,	1.2);	(7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(-7.1,	-106.1,	0.0,	1.2);
(-14.1,	-113.1,	0.0,	1.2);	(-21.2,	-120.2,	0.0,	1.2);

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

04/20/08

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

15:29:43

**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);

18NCRA_PL93-300_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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43

**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);

18NCRA_PL93-300_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 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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

15:29:43
 **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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43
 **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);

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**MODELOPTs:

PAGE 21

CONC

URBAN FLAT FLGPOL DFAULT

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

18NCRA_PL93-300_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)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

15:29:43

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

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006
-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00006	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00004	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-98.99	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00005
-120.21	176.78	0.00005	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00006
-156.27	140.71	0.00006	-157.68	139.30	0.00006
-159.10	137.89	0.00006	-160.51	136.47	0.00006
-162.63	134.35	0.00006	-166.17	130.81	0.00006
-169.71	127.28	0.00006	-176.78	120.21	0.00006
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	99.00	0.00006	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00004	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00005	-106.07	176.78	0.00006
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

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

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

15:29:43
 **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	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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 **

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00005	-56.57	183.85	0.00005
-63.64	176.78	0.00006	-70.71	169.71	0.00006
-77.78	162.63	0.00006	-84.85	155.56	0.00006
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00007
-134.35	106.07	0.00007	-137.89	102.53	0.00007
-141.42	98.99	0.00008	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00008	-190.92	49.50	0.00008
-42.43	183.85	0.00005	-49.50	176.78	0.00005
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00006	-77.78	148.49	0.00007
-84.85	141.42	0.00007	-91.92	134.35	0.00007
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00008
-120.92	105.36	0.00008	-122.33	103.94	0.00008
-123.74	102.53	0.00008	-125.16	101.12	0.00008
-127.28	98.99	0.00008	-130.81	95.46	0.00008
-134.35	91.92	0.00008	-141.42	84.85	0.00008
-148.49	77.78	0.00008	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00006
-49.50	162.63	0.00006	-56.57	155.56	0.00006
-63.64	148.49	0.00007	-70.71	141.42	0.00007
-77.78	134.35	0.00007	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00008
-113.84	98.29	0.00008	-115.26	96.87	0.00008
-116.67	95.46	0.00008	-118.09	94.05	0.00008

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**MODELOPTS:

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	91.92	0.00008	-123.74	88.39	0.00008
-127.28	84.85	0.00008	-134.35	77.78	0.00009
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00009
-169.71	42.43	0.00009	-176.78	35.36	0.00009
-28.28	169.71	0.00005	-35.36	162.63	0.00006
-42.43	155.56	0.00006	-49.50	148.49	0.00007
-56.57	141.42	0.00007	-63.64	134.35	0.00007
-70.71	127.28	0.00008	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00009
-106.77	91.22	0.00009	-108.19	89.80	0.00009
-109.60	88.39	0.00009	-111.02	86.97	0.00009
-113.14	84.85	0.00009	-116.67	81.32	0.00009
-120.21	77.78	0.00009	-127.28	70.71	0.00009
-134.35	63.64	0.00009	-141.42	56.57	0.00009
-148.49	49.50	0.00009	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00006	-28.28	155.56	0.00006
-35.36	148.49	0.00007	-42.43	141.42	0.00007
-49.50	134.35	0.00007	-56.57	127.28	0.00008
-63.64	120.21	0.00008	-70.71	113.14	0.00008
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00009
-99.70	84.15	0.00009	-101.12	82.73	0.00009
-102.53	81.32	0.00009	-103.94	79.90	0.00009
-106.07	77.78	0.00009	-109.60	74.25	0.00009
-113.14	70.71	0.00010	-120.21	63.64	0.00010
-127.28	56.57	0.00010	-134.35	49.50	0.00010
-141.42	42.43	0.00010	-148.49	35.36	0.00010
-155.56	28.28	0.00010	-162.63	21.21	0.00010
-14.14	155.56	0.00006	-21.21	148.49	0.00006
-28.28	141.42	0.00007	-35.36	134.35	0.00007

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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	0.00009	-74.25	95.46	0.00009
-75.66	94.05	0.00009	-77.07	92.63	0.00009
-78.49	91.22	0.00009	-91.22	78.49	0.00010
-92.63	77.07	0.00010	-94.05	75.66	0.00010
-95.46	74.25	0.00010	-96.87	72.83	0.00010
-98.99	70.71	0.00010	-102.53	67.18	0.00010
-106.07	63.64	0.00010	-113.14	56.57	0.00010
-120.21	49.50	0.00011	-127.28	42.43	0.00011
-134.35	35.36	0.00011	-141.42	28.28	0.00011
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00006	-14.14	141.42	0.00007
-21.21	134.35	0.00007	-28.28	127.28	0.00008
-35.36	120.21	0.00008	-42.43	113.14	0.00009
-49.50	106.07	0.00009	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00010
-85.56	70.00	0.00010	-86.97	68.59	0.00011
-88.39	67.18	0.00011	-89.80	65.76	0.00011
-91.92	63.64	0.00011	-95.46	60.10	0.00011
-98.99	56.57	0.00011	-106.07	49.50	0.00011
-113.14	42.43	0.00011	-120.21	35.36	0.00011
-127.28	28.28	0.00011	-134.35	21.21	0.00011
-141.42	14.14	0.00011	-148.49	7.07	0.00011
0.00	141.42	0.00006	-7.07	134.35	0.00007
-14.14	127.28	0.00008	-21.21	120.21	0.00008
-28.28	113.14	0.00009	-35.36	106.07	0.00009
-42.43	98.99	0.00010	-49.50	91.92	0.00010
-53.03	88.39	0.00010	-56.57	84.85	0.00010
-58.69	82.73	0.00011	-60.10	81.32	0.00011

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43

**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	0.00006	0.00	127.28	0.00007
-7.07	120.21	0.00008	-14.14	113.14	0.00009
-21.21	106.07	0.00009	-28.28	98.99	0.00010
-35.36	91.92	0.00010	-42.43	84.85	0.00011
-45.96	81.32	0.00011	-49.50	77.78	0.00011
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00011	-55.86	71.42	0.00011
-57.28	70.00	0.00012	-70.00	57.28	0.00012
-71.42	55.86	0.00012	-72.83	54.45	0.00012
-74.25	53.03	0.00012	-75.66	51.62	0.00012
-77.78	49.50	0.00012	-81.32	45.96	0.00012
-84.85	42.43	0.00013	-91.92	35.36	0.00013
-98.99	28.28	0.00013	-106.07	21.21	0.00013
-113.14	14.14	0.00013	-120.21	7.07	0.00013
-127.28	0.00	0.00012	-134.35	-7.07	0.00012
14.14	127.28	0.00007	7.07	120.21	0.00007
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00010	-21.21	91.92	0.00010
-28.28	84.85	0.00011	-35.36	77.78	0.00012
-38.89	74.25	0.00012	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00012
-50.20	62.93	0.00012	-62.93	50.20	0.00013
-64.35	48.79	0.00013	-65.76	47.38	0.00013
-67.18	45.96	0.00013	-68.59	44.55	0.00013

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43

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

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00015	-113.14	-28.28	0.00014
35.36	106.07	0.00007	28.28	98.99	0.00008
21.21	91.92	0.00009	14.14	84.85	0.00010
7.07	77.78	0.00012	0.00	70.71	0.00013
-7.07	63.64	0.00014	-14.14	56.57	0.00014
-17.68	53.03	0.00015	-21.21	49.50	0.00015
-23.33	47.38	0.00015	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00016
-43.13	27.58	0.00016	-44.55	26.16	0.00016
-45.96	24.75	0.00017	-47.38	23.33	0.00017
-49.50	21.21	0.00017	-53.03	17.68	0.00017
-56.57	14.14	0.00017	-63.64	7.07	0.00018
-70.71	0.00	0.00018	-77.78	-7.07	0.00017
-84.85	-14.14	0.00017	-91.92	-21.21	0.00016
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00007	35.36	91.92	0.00008
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00012	7.07	63.64	0.00013
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00016	-14.14	42.43	0.00016

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

15:29:43
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00017
-21.92	34.65	0.00017	-34.65	21.92	0.00018
-36.06	20.51	0.00018	-37.48	19.09	0.00018
-38.89	17.68	0.00018	-40.31	16.26	0.00018
-42.43	14.14	0.00018	-45.96	10.61	0.00019
-49.50	7.07	0.00019	-56.57	0.00	0.00019
-63.64	-7.07	0.00019	-70.71	-14.14	0.00019
-77.78	-21.21	0.00018	-84.85	-28.28	0.00017
-91.92	-35.36	0.00017	-98.99	-42.43	0.00016
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00011
21.21	63.64	0.00013	14.14	56.57	0.00014

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00016	0.00	42.43	0.00017
-3.54	38.89	0.00017	-7.07	35.36	0.00018
-9.19	33.23	0.00018	-10.61	31.82	0.00018
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00019	-27.58	14.85	0.00019
-28.99	13.44	0.00020	-30.41	12.02	0.00020
-31.82	10.61	0.00020	-33.23	9.19	0.00020
-35.36	7.07	0.00020	-38.89	3.54	0.00020
-42.43	0.00	0.00021	-49.50	-7.07	0.00021
-56.57	-14.14	0.00021	-63.64	-21.21	0.00020
-70.71	-28.28	0.00020	-77.78	-35.36	0.00019
-84.85	-42.43	0.00018	-91.92	-49.50	0.00017
56.57	84.85	0.00008	49.50	77.78	0.00009
42.43	70.71	0.00010	35.36	63.64	0.00012
28.28	56.57	0.00014	21.21	49.50	0.00015
14.14	42.43	0.00017	7.07	35.36	0.00018
3.54	31.82	0.00019	0.00	28.28	0.00019
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00020	-6.36	21.92	0.00020
-7.78	20.51	0.00020	-20.51	7.78	0.00021
-21.92	6.36	0.00022	-23.33	4.95	0.00022
-24.75	3.54	0.00022	-26.16	2.12	0.00022
-28.28	0.00	0.00022	-31.82	-3.54	0.00022
-35.36	-7.07	0.00023	-42.43	-14.14	0.00023
-49.50	-21.21	0.00023	-56.57	-28.28	0.00022
-63.64	-35.36	0.00021	-70.71	-42.43	0.00020
-77.78	-49.50	0.00019	-84.85	-56.57	0.00018

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

15:29:43
 **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	0.00008	56.57	70.71	0.00009
49.50	63.64	0.00011	42.43	56.57	0.00012
35.36	49.50	0.00014	28.28	42.43	0.00016
21.21	35.36	0.00018	14.14	28.28	0.00020
10.61	24.75	0.00021	7.07	21.21	0.00021
4.95	19.09	0.00022	3.54	17.68	0.00022
2.12	16.26	0.00022	0.71	14.85	0.00022

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00022	-13.44	0.71	0.00024
-14.85	-0.71	0.00024	-16.26	-2.12	0.00024
-17.68	-3.54	0.00024	-19.09	-4.95	0.00024
-21.21	-7.07	0.00025	-24.75	-10.61	0.00025
-28.28	-14.14	0.00025	-35.36	-21.21	0.00025
-42.43	-28.28	0.00025	-49.50	-35.36	0.00024
-56.57	-42.43	0.00023	-63.64	-49.50	0.00022
-70.71	-56.57	0.00020	-77.78	-63.64	0.00019
70.71	70.71	0.00008	63.64	63.64	0.00010
56.57	56.57	0.00011	49.50	49.50	0.00013
42.43	42.43	0.00015	35.36	35.36	0.00018
28.28	28.28	0.00020	21.21	21.21	0.00022
17.68	17.68	0.00023	14.14	14.14	0.00024
12.02	12.02	0.00024	10.61	10.61	0.00024
9.19	9.19	0.00024	7.78	7.78	0.00025
6.36	6.36	0.00025	-6.36	-6.36	0.00026
-7.78	-7.78	0.00027	-9.19	-9.19	0.00027
-10.61	-10.61	0.00027	-12.02	-12.02	0.00027
-14.14	-14.14	0.00027	-17.68	-17.68	0.00028
-21.21	-21.21	0.00028	-28.28	-28.28	0.00028
-35.36	-35.36	0.00027	-42.43	-42.43	0.00026
-49.50	-49.50	0.00025	-56.57	-56.57	0.00023
-63.64	-63.64	0.00022	-70.71	-70.71	0.00020
77.78	63.64	0.00009	70.71	56.57	0.00010
63.64	49.50	0.00012	56.57	42.43	0.00014
49.50	35.36	0.00016	42.43	28.28	0.00019
35.36	21.21	0.00022	28.28	14.14	0.00024
24.75	10.61	0.00025	21.21	7.07	0.00026
19.09	4.95	0.00027	17.68	3.54	0.00027
16.26	2.12	0.00027	14.85	0.71	0.00027
13.44	-0.71	0.00028	0.71	-13.44	0.00029
-0.71	-14.85	0.00030	-2.12	-16.26	0.00030
-3.54	-17.68	0.00030	-4.95	-19.09	0.00030

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

15:29:43
 **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	0.00031	-10.61	-24.75	0.00031

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00031	-21.21	-35.36	0.00031
-28.28	-42.43	0.00030	-35.36	-49.50	0.00029
-42.43	-56.57	0.00027	-49.50	-63.64	0.00025
-56.57	-70.71	0.00023	-63.64	-77.78	0.00022
84.85	56.57	0.00009	77.78	49.50	0.00010
70.71	42.43	0.00012	63.64	35.36	0.00014
56.57	28.28	0.00017	49.50	21.21	0.00020
42.43	14.14	0.00023	35.36	7.07	0.00026
31.82	3.54	0.00028	28.28	0.00	0.00029
26.16	-2.12	0.00030	24.75	-3.54	0.00030
23.33	-4.95	0.00030	21.92	-6.36	0.00031
20.51	-7.78	0.00031	7.78	-20.51	0.00033
6.36	-21.92	0.00033	4.95	-23.33	0.00034
3.54	-24.75	0.00034	2.12	-26.16	0.00034
0.00	-28.28	0.00034	-3.54	-31.82	0.00035
-7.07	-35.36	0.00035	-14.14	-42.43	0.00035
-21.21	-49.50	0.00033	-28.28	-56.57	0.00031
-35.36	-63.64	0.00029	-42.43	-70.71	0.00027
-49.50	-77.78	0.00025	-56.57	-84.85	0.00023
91.92	49.50	0.00009	84.85	42.43	0.00011
77.78	35.36	0.00012	70.71	28.28	0.00015
63.64	21.21	0.00018	56.57	14.14	0.00021
49.50	7.07	0.00025	42.43	0.00	0.00029
38.89	-3.54	0.00031	35.36	-7.07	0.00032
33.23	-9.19	0.00033	31.82	-10.61	0.00034
30.41	-12.02	0.00034	28.99	-13.44	0.00035
27.58	-14.85	0.00035	14.85	-27.58	0.00038
13.44	-28.99	0.00038	12.02	-30.41	0.00038
10.61	-31.82	0.00039	9.19	-33.23	0.00039
7.07	-35.36	0.00039	3.54	-38.89	0.00040
0.00	-42.43	0.00040	-7.07	-49.50	0.00039
-14.14	-56.57	0.00037	-21.21	-63.64	0.00034
-28.28	-70.71	0.00032	-35.36	-77.78	0.00029
-42.43	-84.85	0.00027	-49.50	-91.92	0.00024
98.99	42.43	0.00009	91.92	35.36	0.00011
84.85	28.28	0.00013	77.78	21.21	0.00015
70.71	14.14	0.00019	63.64	7.07	0.00023
56.57	0.00	0.00027	49.50	-7.07	0.00032
45.96	-10.61	0.00035	42.43	-14.14	0.00037

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

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

15:29:43

**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	0.00038	38.89	-17.68	0.00038
37.48	-19.09	0.00039	36.06	-20.51	0.00039
34.65	-21.92	0.00040	21.92	-34.65	0.00043
20.51	-36.06	0.00044	19.09	-37.48	0.00044
17.68	-38.89	0.00044	16.26	-40.31	0.00045
14.14	-42.43	0.00045	10.61	-45.96	0.00045
7.07	-49.50	0.00045	0.00	-56.57	0.00043
-7.07	-63.64	0.00041	-14.14	-70.71	0.00038
-21.21	-77.78	0.00035	-28.28	-84.85	0.00032
-35.36	-91.92	0.00029	-42.43	-98.99	0.00026
106.07	35.36	0.00010	98.99	28.28	0.00011
91.92	21.21	0.00013	84.85	14.14	0.00016
77.78	7.07	0.00019	70.71	0.00	0.00024
63.64	-7.07	0.00030	56.57	-14.14	0.00036
53.03	-17.68	0.00039	49.50	-21.21	0.00041
47.38	-23.33	0.00043	45.96	-24.75	0.00044
44.55	-26.16	0.00044	43.13	-27.58	0.00045
41.72	-28.99	0.00046	28.99	-41.72	0.00050
27.58	-43.13	0.00050	26.16	-44.55	0.00051
24.75	-45.96	0.00051	23.33	-47.38	0.00052
21.21	-49.50	0.00052	17.68	-53.03	0.00052
14.14	-56.57	0.00052	7.07	-63.64	0.00049
0.00	-70.71	0.00045	-7.07	-77.78	0.00042
-14.14	-84.85	0.00038	-21.21	-91.92	0.00034
-28.28	-98.99	0.00030	-35.36	-106.07	0.00027
113.14	28.28	0.00010	106.07	21.21	0.00012
98.99	14.14	0.00014	91.92	7.07	0.00017
84.85	0.00	0.00020	77.78	-7.07	0.00025
70.71	-14.14	0.00032	63.64	-21.21	0.00040
60.10	-24.75	0.00044	56.57	-28.28	0.00047
54.45	-30.41	0.00049	53.03	-31.82	0.00050
51.62	-33.23	0.00051	50.20	-34.65	0.00052
48.79	-36.06	0.00053	36.06	-48.79	0.00058
34.65	-50.20	0.00059	33.23	-51.62	0.00059
31.82	-53.03	0.00060	30.41	-54.45	0.00060
28.28	-56.57	0.00061	24.75	-60.10	0.00060
21.21	-63.64	0.00059	14.14	-70.71	0.00055
7.07	-77.78	0.00051	0.00	-84.85	0.00046
-7.07	-91.92	0.00041	-14.14	-98.99	0.00036

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00032 -28.28 -113.14 0.00028

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

15:29:43

**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	0.00010	113.14	14.14	0.00012
106.07	7.07	0.00014	98.99	0.00	0.00017
91.92	-7.07	0.00021	84.85	-14.14	0.00027
77.78	-21.21	0.00034	70.71	-28.28	0.00044
67.18	-31.82	0.00049	63.64	-35.36	0.00054
61.52	-37.48	0.00057	60.10	-38.89	0.00058
58.69	-40.31	0.00060	57.28	-41.72	0.00061
55.86	-43.13	0.00062	43.13	-55.86	0.00069
41.72	-57.28	0.00070	40.31	-58.69	0.00071
38.89	-60.10	0.00071	37.48	-61.52	0.00071
35.36	-63.64	0.00071	31.82	-67.18	0.00070
28.28	-70.71	0.00068	21.21	-77.78	0.00063
14.14	-84.85	0.00056	7.07	-91.92	0.00050
0.00	-98.99	0.00044	-7.07	-106.07	0.00038
-14.14	-113.14	0.00033	-21.21	-120.21	0.00028
127.28	14.14	0.00011	120.21	7.07	0.00013
113.14	0.00	0.00015	106.07	-7.07	0.00018
98.99	-14.14	0.00022	91.92	-21.21	0.00028
84.85	-28.28	0.00037	77.78	-35.36	0.00048
74.25	-38.89	0.00055	70.71	-42.43	0.00062
68.59	-44.55	0.00066	67.18	-45.96	0.00068
65.76	-47.38	0.00070	64.35	-48.79	0.00072
62.93	-50.20	0.00074	50.20	-62.93	0.00083
48.79	-64.35	0.00084	47.38	-65.76	0.00085
45.96	-67.18	0.00085	44.55	-68.59	0.00085
42.43	-70.71	0.00084	38.89	-74.25	0.00082
35.36	-77.78	0.00079	28.28	-84.85	0.00071
21.21	-91.92	0.00062	14.14	-98.99	0.00054
7.07	-106.07	0.00046	0.00	-113.14	0.00039
-7.07	-120.21	0.00033	-14.14	-127.28	0.00028
134.35	7.07	0.00012	127.28	0.00	0.00013
120.21	-7.07	0.00016	113.14	-14.14	0.00019
106.07	-21.21	0.00023	98.99	-28.28	0.00030

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00039	84.85	-42.43	0.00052
81.32	-45.96	0.00061	77.78	-49.50	0.00070
75.66	-51.62	0.00076	74.25	-53.03	0.00080
72.83	-54.45	0.00083	71.42	-55.86	0.00086
70.00	-57.28	0.00089	57.28	-70.00	0.00102
55.86	-71.42	0.00103	54.45	-72.83	0.00103
53.03	-74.25	0.00103	51.62	-75.66	0.00102

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

15:29:43

**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	0.00101	45.96	-81.32	0.00096
42.43	-84.85	0.00091	35.36	-91.92	0.00080
28.28	-98.99	0.00068	21.21	-106.07	0.00057
14.14	-113.14	0.00048	7.07	-120.21	0.00040
0.00	-127.28	0.00033	-7.07	-134.35	0.00028
141.42	0.00	0.00012	134.35	-7.07	0.00014
127.28	-14.14	0.00017	120.21	-21.21	0.00020
113.14	-28.28	0.00024	106.07	-35.36	0.00031
98.99	-42.43	0.00041	91.92	-49.50	0.00057
88.39	-53.03	0.00067	84.85	-56.57	0.00079
82.73	-58.69	0.00087	81.32	-60.10	0.00093
79.90	-61.52	0.00098	78.49	-62.93	0.00103
77.07	-64.35	0.00108	64.35	-77.07	0.00126
62.93	-78.49	0.00127	61.52	-79.90	0.00126
60.10	-81.32	0.00125	58.69	-82.73	0.00123
56.57	-84.85	0.00120	53.03	-88.39	0.00113
49.50	-91.92	0.00105	42.43	-98.99	0.00088
35.36	-106.07	0.00072	28.28	-113.14	0.00059
21.21	-120.21	0.00049	14.14	-127.28	0.00040
7.07	-134.35	0.00034	0.00	-141.42	0.00028
148.49	-7.07	0.00013	141.42	-14.14	0.00015
134.35	-21.21	0.00018	127.28	-28.28	0.00021
120.21	-35.36	0.00026	113.14	-42.43	0.00033
106.07	-49.50	0.00044	98.99	-56.57	0.00061
95.46	-60.10	0.00073	91.92	-63.64	0.00088
89.80	-65.76	0.00099	88.39	-67.18	0.00107
86.97	-68.59	0.00115	85.56	-70.00	0.00123

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00131	71.42	-84.15	0.00159
70.00	-85.56	0.00157	68.59	-86.97	0.00155
67.18	-88.39	0.00152	65.76	-89.80	0.00148
63.64	-91.92	0.00142	60.10	-95.46	0.00130
56.57	-98.99	0.00117	49.50	-106.07	0.00094
42.43	-113.14	0.00075	35.36	-120.21	0.00061
28.28	-127.28	0.00049	21.21	-134.35	0.00041
14.14	-141.42	0.00034	7.07	-148.49	0.00028
155.56	-14.14	0.00014	148.49	-21.21	0.00016
141.42	-28.28	0.00019	134.35	-35.36	0.00023
127.28	-42.43	0.00028	120.21	-49.50	0.00036
113.14	-56.57	0.00047	106.07	-63.64	0.00065
102.53	-67.18	0.00079	98.99	-70.71	0.00097

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

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

15:29:43

**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	0.00110	95.46	-74.25	0.00120
94.05	-75.66	0.00131	92.63	-77.07	0.00144
91.22	-78.49	0.00156	78.49	-91.22	0.00199
77.07	-92.63	0.00194	75.66	-94.05	0.00187
74.25	-95.46	0.00180	72.83	-96.87	0.00172
70.71	-98.99	0.00160	67.18	-102.53	0.00141
63.64	-106.07	0.00124	56.57	-113.14	0.00097
49.50	-120.21	0.00077	42.43	-127.28	0.00062
35.36	-134.35	0.00050	28.28	-141.42	0.00041
21.21	-148.49	0.00034	14.14	-155.56	0.00028
162.63	-21.21	0.00015	155.56	-28.28	0.00017
148.49	-35.36	0.00021	141.42	-42.43	0.00025
134.35	-49.50	0.00031	127.28	-56.57	0.00039
120.21	-63.64	0.00051	113.14	-70.71	0.00072
109.60	-74.25	0.00087	106.07	-77.78	0.00107
103.94	-79.90	0.00122	102.53	-81.32	0.00133
101.12	-82.73	0.00147	99.70	-84.15	0.00162
98.29	-85.56	0.00180	85.56	-98.29	0.00236
84.15	-99.70	0.00222	82.73	-101.12	0.00208
81.32	-102.53	0.00196	79.90	-103.94	0.00185
77.78	-106.07	0.00169	74.25	-109.60	0.00147

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00128	63.64	-120.21	0.00099
56.57	-127.28	0.00078	49.50	-134.35	0.00062
42.43	-141.42	0.00050	35.36	-148.49	0.00040
28.28	-155.56	0.00033	21.21	-162.63	0.00028
169.71	-28.28	0.00016	162.63	-35.36	0.00019
155.56	-42.43	0.00022	148.49	-49.50	0.00027
141.42	-56.57	0.00033	134.35	-63.64	0.00042
127.28	-70.71	0.00056	120.21	-77.78	0.00079
116.67	-81.32	0.00097	113.14	-84.85	0.00120
111.02	-86.97	0.00138	109.60	-88.39	0.00152
108.19	-89.80	0.00169	106.77	-91.22	0.00190
105.36	-92.63	0.00217	92.63	-105.36	0.00264
91.22	-106.77	0.00242	89.80	-108.19	0.00225
88.39	-109.60	0.00210	86.97	-111.02	0.00196
84.85	-113.14	0.00178	81.32	-116.67	0.00153
77.78	-120.21	0.00133	70.71	-127.28	0.00102
63.64	-134.35	0.00079	56.57	-141.42	0.00062
49.50	-148.49	0.00050	42.43	-155.56	0.00041
35.36	-162.63	0.00034	28.28	-169.71	0.00028

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

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

15:29:43
 **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	0.00017	169.71	-42.43	0.00020
162.63	-49.50	0.00024	155.56	-56.57	0.00029
148.49	-63.64	0.00036	141.42	-70.71	0.00047
134.35	-77.78	0.00063	127.28	-84.85	0.00092
123.74	-88.39	0.00115	120.21	-91.92	0.00150
118.09	-94.05	0.00181	116.67	-95.46	0.00207
115.26	-96.87	0.00241	113.84	-98.29	0.00286
112.43	-99.70	0.00346	99.70	-112.43	0.00317
98.29	-113.84	0.00281	96.87	-115.26	0.00255
95.46	-116.67	0.00234	94.05	-118.09	0.00216
91.92	-120.21	0.00194	88.39	-123.74	0.00164
84.85	-127.28	0.00141	77.78	-134.35	0.00107
70.71	-141.42	0.00083	63.64	-148.49	0.00065
56.57	-155.56	0.00052	49.50	-162.63	0.00042
42.43	-169.71	0.00035	35.36	-176.78	0.00029

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00018	176.78	-49.50	0.00021
169.71	-56.57	0.00026	162.63	-63.64	0.00032
155.56	-70.71	0.00041	148.49	-77.78	0.00054
141.42	-84.85	0.00075	134.35	-91.92	0.00116
130.81	-95.46	0.00152	127.28	-98.99	0.00209
125.16	-101.12	0.00259	123.74	-102.53	0.00301
122.33	-103.94	0.00352	120.92	-105.36	0.00415
119.50	-106.77	0.00494	106.77	-119.50	0.00383
105.36	-120.92	0.00333	103.94	-122.33	0.00295
102.53	-123.74	0.00266	101.12	-125.16	0.00242
98.99	-127.28	0.00214	95.46	-130.81	0.00178
91.92	-134.35	0.00151	84.85	-141.42	0.00113
77.78	-148.49	0.00086	70.71	-155.56	0.00068
63.64	-162.63	0.00054	56.57	-169.71	0.00044
49.50	-176.78	0.00037	42.43	-183.85	0.00031
190.92	-49.50	0.00019	183.85	-56.57	0.00023
176.78	-63.64	0.00029	169.71	-70.71	0.00036
162.63	-77.78	0.00047	155.56	-84.85	0.00063
148.49	-91.92	0.00093	141.42	-98.99	0.00151
137.89	-102.53	0.00203	134.35	-106.07	0.00279
132.23	-108.19	0.00343	130.81	-109.60	0.00395
129.40	-111.02	0.00456	127.99	-112.43	0.00528
126.57	-113.84	0.00614	113.84	-126.57	0.00444
112.43	-127.99	0.00385	111.02	-129.40	0.00339
109.60	-130.81	0.00302	108.19	-132.23	0.00272

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

15:29:43
 **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	0.00236	102.53	-137.89	0.00193
98.99	-141.42	0.00162	91.92	-148.49	0.00118
84.85	-155.56	0.00090	77.78	-162.63	0.00071
70.71	-169.71	0.00057	63.64	-176.78	0.00047
56.57	-183.85	0.00039	49.50	-190.92	0.00033
197.99	-56.57	0.00021	190.92	-63.64	0.00026
183.85	-70.71	0.00032	176.78	-77.78	0.00041
169.71	-84.85	0.00055	162.63	-91.92	0.00077
155.56	-98.99	0.00117	148.49	-106.07	0.00193

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00256	141.42	-113.14	0.00345
139.30	-115.26	0.00416	137.89	-116.67	0.00473
136.47	-118.09	0.00539	135.06	-119.50	0.00615
133.64	-120.92	0.00705	120.92	-133.64	0.00493
119.50	-135.06	0.00427	118.09	-136.47	0.00375
116.67	-137.89	0.00333	115.26	-139.30	0.00299
113.14	-141.42	0.00258	109.60	-144.96	0.00207
106.07	-148.49	0.00171	98.99	-155.56	0.00124
91.92	-162.63	0.00094	84.85	-169.71	0.00074
77.78	-176.78	0.00060	70.71	-183.85	0.00050
63.64	-190.92	0.00042	56.57	-197.99	0.00036
205.06	-63.64	0.00023	197.99	-70.71	0.00029
190.92	-77.78	0.00036	183.85	-84.85	0.00047
176.78	-91.92	0.00065	169.71	-98.99	0.00094
162.63	-106.07	0.00144	155.56	-113.14	0.00234
152.03	-116.67	0.00304	148.49	-120.21	0.00401
146.37	-122.33	0.00476	144.96	-123.74	0.00534
143.54	-125.16	0.00602	142.13	-126.57	0.00678
140.71	-127.99	0.00768	127.99	-140.71	0.00525
126.57	-142.13	0.00455	125.16	-143.54	0.00400
123.74	-144.96	0.00355	122.33	-146.37	0.00318
120.21	-148.49	0.00273	116.67	-152.03	0.00218
113.14	-155.56	0.00179	106.07	-162.63	0.00130
98.99	-169.71	0.00100	91.92	-176.78	0.00079
84.85	-183.85	0.00064	77.78	-190.92	0.00053
70.71	-197.99	0.00044	63.64	-205.06	0.00038
212.13	-70.71	0.00026	205.06	-77.78	0.00032
197.99	-84.85	0.00041	190.92	-91.92	0.00055
183.85	-98.99	0.00076	176.78	-106.07	0.00111
169.71	-113.14	0.00170	162.63	-120.21	0.00270
159.10	-123.74	0.00346	155.56	-127.28	0.00447

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 15:29:43
 MODELOPTs: * Maximum train overlap at SE/NW Bound Direction ***
 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	0.00523	152.03	-130.81	0.00581
150.61	-132.23	0.00647	149.20	-133.64	0.00722
147.79	-135.06	0.00809	135.06	-147.79	0.00539

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00467	132.23	-150.61	0.00411
130.81	-152.03	0.00366	129.40	-153.44	0.00328
127.28	-155.56	0.00283	123.74	-159.10	0.00227
120.21	-162.63	0.00188	113.14	-169.71	0.00137
106.07	-176.78	0.00106	98.99	-183.85	0.00084
91.92	-190.92	0.00068	84.85	-197.99	0.00056
77.78	-205.06	0.00047	70.71	-212.13	0.00039
219.20	-77.78	0.00028	212.13	-84.85	0.00036
205.06	-91.92	0.00047	197.99	-98.99	0.00063
190.92	-106.07	0.00089	183.85	-113.14	0.00129
176.78	-120.21	0.00194	169.71	-127.28	0.00302
166.17	-130.81	0.00381	162.63	-134.35	0.00484
160.51	-136.47	0.00560	159.10	-137.89	0.00617
157.68	-139.30	0.00681	156.27	-140.71	0.00751
154.86	-142.13	0.00834	142.13	-154.86	0.00537
140.71	-156.27	0.00466	139.30	-157.68	0.00412
137.89	-159.10	0.00369	136.47	-160.51	0.00333
134.35	-162.63	0.00290	130.81	-166.17	0.00237
127.28	-169.71	0.00199	120.21	-176.78	0.00146
113.14	-183.85	0.00113	106.07	-190.92	0.00089
98.99	-197.99	0.00072	91.92	-205.06	0.00059
84.85	-212.13	0.00049	77.78	-219.20	0.00041
226.27	-84.85	0.00031	219.20	-91.92	0.00040
212.13	-98.99	0.00053	205.06	-106.07	0.00072
197.99	-113.14	0.00101	190.92	-120.21	0.00145
183.85	-127.28	0.00215	176.78	-134.35	0.00327
173.24	-137.89	0.00408	169.71	-141.42	0.00511
167.58	-143.54	0.00586	166.17	-144.96	0.00642
164.76	-146.37	0.00704	163.34	-147.79	0.00773
161.93	-149.20	0.00850	149.20	-161.93	0.00529
147.79	-163.34	0.00465	146.37	-164.76	0.00416
144.96	-166.17	0.00376	143.54	-167.58	0.00343
141.42	-169.71	0.00302	137.89	-173.24	0.00249
134.35	-176.78	0.00209	127.28	-183.85	0.00154
120.21	-190.92	0.00118	113.14	-197.99	0.00094
106.07	-205.06	0.00076	98.99	-212.13	0.00062
91.92	-219.20	0.00052	84.85	-226.27	0.00044

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

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

15:29:43

**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 ,

18NCRA_PL93-300_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	0.00035	226.27	-98.99	0.00045	
219.20	-106.07	0.00060	212.13	-113.14	0.00081	
205.06	-120.21	0.00113	197.99	-127.28	0.00160	
190.92	-134.35	0.00232	183.85	-141.42	0.00346	
180.31	-144.96	0.00426	176.78	-148.49	0.00527	
174.66	-150.61	0.00600	173.24	-152.03	0.00654	
171.83	-153.44	0.00712	170.41	-154.86	0.00776	
169.00	-156.27	0.00844	156.27	-169.00	0.00523	
154.86	-170.41	0.00466	153.44	-171.83	0.00419	
152.03	-173.24	0.00381	150.61	-174.66	0.00349	
148.49	-176.78	0.00309	144.96	-180.31	0.00256	
141.42	-183.85	0.00216	134.35	-190.92	0.00160	
127.28	-197.99	0.00123	120.21	-205.06	0.00097	
113.14	-212.13	0.00078	106.07	-219.20	0.00064	
98.99	-226.27	0.00054	91.92	-233.35	0.00045	
240.42	-98.99	0.00039	233.35	-106.07	0.00051	
226.27	-113.14	0.00067	219.20	-120.21	0.00090	
212.13	-127.28	0.00123	205.06	-134.35	0.00172	
197.99	-141.42	0.00245	190.92	-148.49	0.00356	
187.38	-152.03	0.00431	183.85	-155.56	0.00521	
181.73	-157.68	0.00581	180.31	-159.10	0.00623	
178.90	-160.51	0.00664	177.48	-161.93	0.00703	
176.07	-163.34	0.00736	163.34	-176.07	0.00482	
161.93	-177.48	0.00441	160.51	-178.90	0.00403	
159.10	-180.31	0.00370	157.68	-181.73	0.00341	
155.56	-183.85	0.00304	152.03	-187.38	0.00255	
148.49	-190.92	0.00216	141.42	-197.99	0.00160	
134.35	-205.06	0.00123	127.28	-212.13	0.00097	
120.21	-219.20	0.00079	113.14	-226.27	0.00065	
106.07	-233.35	0.00054	98.99	-240.42	0.00046	
247.49	-106.07	0.00043	240.42	-113.14	0.00056	
233.35	-120.21	0.00073	226.27	-127.28	0.00097	
219.20	-134.35	0.00131	212.13	-141.42	0.00180	
205.06	-148.49	0.00250	197.99	-155.56	0.00350	
194.45	-159.10	0.00412	190.92	-162.63	0.00480	
188.80	-164.76	0.00520	187.38	-166.17	0.00546	
185.97	-167.58	0.00569	184.55	-169.00	0.00588	
183.14	-170.41	0.00602	170.41	-183.14	0.00426	
169.00	-184.55	0.00397	167.58	-185.97	0.00369	
166.17	-187.38	0.00344	164.76	-188.80	0.00321	

04/20/08

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

15:29:43

**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	0.00290	159.10	-194.45	0.00246
155.56	-197.99	0.00211	148.49	-205.06	0.00158
141.42	-212.13	0.00122	134.35	-219.20	0.00097
127.28	-226.27	0.00078	120.21	-233.35	0.00065
113.14	-240.42	0.00054	106.07	-247.49	0.00046

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00005	-113.14	240.42	0.00005
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00006	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00007
-159.10	194.45	0.00007	-162.63	190.92	0.00007
-164.76	188.80	0.00007	-166.17	187.38	0.00007
-167.58	185.97	0.00007	-169.00	184.55	0.00007
-170.41	183.14	0.00007	-183.14	170.41	0.00008
-184.55	169.00	0.00008	-185.97	167.58	0.00008
-187.38	166.17	0.00008	-188.80	164.76	0.00008
-190.92	162.63	0.00008	-194.45	159.10	0.00008
-197.99	155.56	0.00008	-205.06	148.49	0.00008
-212.13	141.42	0.00008	-219.20	134.35	0.00008
-226.27	127.28	0.00008	-233.35	120.21	0.00008
-240.42	113.14	0.00008	-247.49	106.07	0.00008
-98.99	240.42	0.00005	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00006
-127.28	212.13	0.00007	-134.35	205.06	0.00007
-141.42	197.99	0.00007	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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	0.00009	-180.31	144.96	0.00009
-183.85	141.42	0.00009	-190.92	134.35	0.00009
-197.99	127.28	0.00009	-205.06	120.21	0.00009
-212.13	113.14	0.00009	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-98.99	212.13	0.00007	-106.07	205.06	0.00007
-113.14	197.99	0.00007	-120.21	190.92	0.00008
-127.28	183.85	0.00008	-134.35	176.78	0.00008
-137.89	173.24	0.00009	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00009
-163.34	147.79	0.00009	-164.76	146.37	0.00009

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00009	-167.58	143.54	0.00009
-169.71	141.42	0.00009	-173.24	137.89	0.00009
-176.78	134.35	0.00010	-183.85	127.28	0.00010
-190.92	120.21	0.00010	-197.99	113.14	0.00010
-205.06	106.07	0.00010	-212.13	99.00	0.00010
-219.20	91.92	0.00010	-226.27	84.85	0.00010
-77.78	219.20	0.00006	-84.85	212.13	0.00006
-91.92	205.06	0.00007	-98.99	197.99	0.00007
-106.07	190.92	0.00008	-113.14	183.85	0.00008
-120.21	176.78	0.00009	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00010
-156.27	140.71	0.00010	-157.68	139.30	0.00010
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00010	-166.17	130.81	0.00010
-169.71	127.28	0.00010	-176.78	120.21	0.00010
-183.85	113.14	0.00011	-190.92	106.07	0.00011
-197.99	99.00	0.00011	-205.06	91.92	0.00011
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00006	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00008
-98.99	183.85	0.00008	-106.07	176.78	0.00009
-113.14	169.71	0.00009	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

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

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

15:29:43
 **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	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00010
-149.20	133.64	0.00010	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011
-155.56	127.28	0.00011	-159.10	123.74	0.00011
-162.63	120.21	0.00011	-169.71	113.14	0.00011
-176.78	106.07	0.00011	-183.85	98.99	0.00011

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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	0.00007	-56.57	183.85	0.00007
-63.64	176.78	0.00008	-70.71	169.71	0.00009

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

15:29:43
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

18NCRA PL93-300 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	0.00015	-123.74	88.39	0.00016
-127.28	84.85	0.00016	-134.35	77.78	0.00016
-141.42	70.71	0.00016	-148.49	63.64	0.00016
-155.56	56.57	0.00016	-162.63	49.50	0.00015
-169.71	42.43	0.00015	-176.78	35.36	0.00014
-28.28	169.71	0.00007	-35.36	162.63	0.00008
-42.43	155.56	0.00009	-49.50	148.49	0.00010
-56.57	141.42	0.00012	-63.64	134.35	0.00013
-70.71	127.28	0.00014	-77.78	120.21	0.00014
-81.32	116.67	0.00015	-84.85	113.14	0.00015
-86.97	111.02	0.00015	-88.39	109.60	0.00015
-89.80	108.19	0.00015	-91.22	106.77	0.00016
-92.63	105.36	0.00016	-105.36	92.63	0.00016
-106.77	91.22	0.00016	-108.19	89.80	0.00016
-109.60	88.39	0.00017	-111.02	86.97	0.00017
-113.14	84.85	0.00017	-116.67	81.32	0.00017
-120.21	77.78	0.00017	-127.28	70.71	0.00018
-134.35	63.64	0.00018	-141.42	56.57	0.00017
-148.49	49.50	0.00017	-155.56	42.43	0.00016
-162.63	35.36	0.00016	-169.71	28.28	0.00015
-21.21	162.63	0.00007	-28.28	155.56	0.00008
-35.36	148.49	0.00010	-42.43	141.42	0.00011
-49.50	134.35	0.00012	-56.57	127.28	0.00013
-63.64	120.21	0.00015	-70.71	113.14	0.00016
-74.25	109.60	0.00016	-77.78	106.07	0.00016
-79.90	103.94	0.00017	-81.32	102.53	0.00017
-82.73	101.12	0.00017	-84.15	99.70	0.00017
-85.56	98.29	0.00017	-98.29	85.56	0.00018
-99.70	84.15	0.00018	-101.12	82.73	0.00018
-102.53	81.32	0.00018	-103.94	79.90	0.00018
-106.07	77.78	0.00018	-109.60	74.25	0.00019
-113.14	70.71	0.00019	-120.21	63.64	0.00019
-127.28	56.57	0.00019	-134.35	49.50	0.00019
-141.42	42.43	0.00018	-148.49	35.36	0.00017
-155.56	28.28	0.00017	-162.63	21.21	0.00016
-14.14	155.56	0.00008	-21.21	148.49	0.00009
-28.28	141.42	0.00010	-35.36	134.35	0.00011
-42.43	127.28	0.00013	-49.50	120.21	0.00014
-56.57	113.14	0.00016	-63.64	106.07	0.00017
-67.18	102.53	0.00017	-70.71	98.99	0.00018

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**MODELOPTS:

PAGE 48

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

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00024	-82.73	58.69	0.00024
-84.85	56.57	0.00025	-88.39	53.03	0.00025
-91.92	49.50	0.00025	-98.99	42.43	0.00025
-106.07	35.36	0.00025	-113.14	28.28	0.00024
-120.21	21.21	0.00023	-127.28	14.14	0.00022
-134.35	7.07	0.00020	-141.42	0.00	0.00019

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

15:29:43
 **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	0.00008	0.00	127.28	0.00010
-7.07	120.21	0.00011	-14.14	113.14	0.00013
-21.21	106.07	0.00015	-28.28	98.99	0.00018
-35.36	91.92	0.00020	-42.43	84.85	0.00022
-45.96	81.32	0.00023	-49.50	77.78	0.00024
-51.62	75.66	0.00024	-53.03	74.25	0.00024
-54.45	72.83	0.00024	-55.86	71.42	0.00025
-57.28	70.00	0.00025	-70.00	57.28	0.00026
-71.42	55.86	0.00027	-72.83	54.45	0.00027
-74.25	53.03	0.00027	-75.66	51.62	0.00027
-77.78	49.50	0.00027	-81.32	45.96	0.00028
-84.85	42.43	0.00028	-91.92	35.36	0.00028
-98.99	28.28	0.00027	-106.07	21.21	0.00026
-113.14	14.14	0.00025	-120.21	7.07	0.00023
-127.28	0.00	0.00022	-134.35	-7.07	0.00020
14.14	127.28	0.00009	7.07	120.21	0.00010
0.00	113.14	0.00012	-7.07	106.07	0.00014
-14.14	98.99	0.00016	-21.21	91.92	0.00019
-28.28	84.85	0.00022	-35.36	77.78	0.00024
-38.89	74.25	0.00025	-42.43	70.71	0.00026
-44.55	68.59	0.00027	-45.96	67.18	0.00027
-47.38	65.76	0.00027	-48.79	64.35	0.00027
-50.20	62.93	0.00028	-62.93	50.20	0.00029
-64.35	48.79	0.00030	-65.76	47.38	0.00030
-67.18	45.96	0.00030	-68.59	44.55	0.00030
-70.71	42.43	0.00031	-74.25	38.89	0.00031
-77.78	35.36	0.00031	-84.85	28.28	0.00031
-91.92	21.21	0.00030	-98.99	14.14	0.00029

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00027	-113.14	0.00	0.00025
-120.21	-7.07	0.00023	-127.28	-14.14	0.00022
21.21	120.21	0.00009	14.14	113.14	0.00010
7.07	106.07	0.00012	0.00	98.99	0.00014
-7.07	91.92	0.00017	-14.14	84.85	0.00020
-21.21	77.78	0.00023	-28.28	70.71	0.00026
-31.82	67.18	0.00028	-35.36	63.64	0.00029
-37.48	61.52	0.00030	-38.89	60.10	0.00030
-40.31	58.69	0.00030	-41.72	57.28	0.00031
-43.13	55.86	0.00031	-55.86	43.13	0.00033
-57.28	41.72	0.00033	-58.69	40.31	0.00034
-60.10	38.89	0.00034	-61.52	37.48	0.00034

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

15:29:43

**MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00034	-67.18	31.82	0.00035
-70.71	28.28	0.00035	-77.78	21.21	0.00035
-84.85	14.14	0.00033	-91.92	7.07	0.00031
-98.99	0.00	0.00029	-106.07	-7.07	0.00027
-113.14	-14.14	0.00025	-120.21	-21.21	0.00023
28.28	113.14	0.00009	21.21	106.07	0.00011
14.14	98.99	0.00012	7.07	91.92	0.00015
0.00	84.85	0.00018	-7.07	77.78	0.00021
-14.14	70.71	0.00025	-21.21	63.64	0.00029
-24.75	60.10	0.00031	-28.28	56.57	0.00032
-30.41	54.45	0.00033	-31.82	53.03	0.00034
-33.23	51.62	0.00034	-34.65	50.20	0.00035
-36.06	48.79	0.00035	-48.79	36.06	0.00038
-50.20	34.65	0.00038	-51.62	33.23	0.00038
-53.03	31.82	0.00039	-54.45	30.41	0.00039
-56.57	28.28	0.00039	-60.10	24.75	0.00040
-63.64	21.21	0.00040	-70.71	14.14	0.00039
-77.78	7.07	0.00037	-84.85	0.00	0.00034
-91.92	-7.07	0.00032	-98.99	-14.14	0.00029
-106.07	-21.21	0.00027	-113.14	-28.28	0.00024
35.36	106.07	0.00009	28.28	98.99	0.00011
21.21	91.92	0.00013	14.14	84.85	0.00015

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00019	0.00	70.71	0.00023
-7.07	63.64	0.00027	-14.14	56.57	0.00032
-17.68	53.03	0.00035	-21.21	49.50	0.00037
-23.33	47.38	0.00038	-24.75	45.96	0.00038
-26.16	44.55	0.00039	-27.58	43.13	0.00039
-28.99	41.72	0.00040	-41.72	28.99	0.00043
-43.13	27.58	0.00044	-44.55	26.16	0.00044
-45.96	24.75	0.00044	-47.38	23.33	0.00045
-49.50	21.21	0.00045	-53.03	17.68	0.00045
-56.57	14.14	0.00045	-63.64	7.07	0.00043
-70.71	0.00	0.00041	-77.78	-7.07	0.00038
-84.85	-14.14	0.00035	-91.92	-21.21	0.00032
-98.99	-28.28	0.00029	-106.07	-35.36	0.00026
42.43	98.99	0.00010	35.36	91.92	0.00011
28.28	84.85	0.00013	21.21	77.78	0.00016
14.14	70.71	0.00019	7.07	63.64	0.00024
0.00	56.57	0.00030	-7.07	49.50	0.00036
-10.61	45.96	0.00039	-14.14	42.43	0.00041

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

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

15:29:43
 **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	0.00043	-17.68	38.89	0.00044
-19.09	37.48	0.00044	-20.51	36.06	0.00045
-21.92	34.65	0.00046	-34.65	21.92	0.00050
-36.06	20.51	0.00050	-37.48	19.09	0.00051
-38.89	17.68	0.00051	-40.31	16.26	0.00052
-42.43	14.14	0.00052	-45.96	10.61	0.00052
-49.50	7.07	0.00052	-56.57	0.00	0.00049
-63.64	-7.07	0.00045	-70.71	-14.14	0.00042
-77.78	-21.21	0.00038	-84.85	-28.28	0.00034
-91.92	-35.36	0.00030	-98.99	-42.43	0.00027
49.50	91.92	0.00010	42.43	84.85	0.00012
35.36	77.78	0.00014	28.28	70.71	0.00017
21.21	63.64	0.00020	14.14	56.57	0.00025
7.07	49.50	0.00032	0.00	42.43	0.00040
-3.54	38.89	0.00044	-7.07	35.36	0.00047
-9.19	33.23	0.00049	-10.61	31.82	0.00050

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00051	-13.44	28.99	0.00052
-14.85	27.58	0.00053	-27.58	14.85	0.00058
-28.99	13.44	0.00059	-30.41	12.02	0.00059
-31.82	10.61	0.00060	-33.23	9.19	0.00060
-35.36	7.07	0.00061	-38.89	3.54	0.00060
-42.43	0.00	0.00059	-49.50	-7.07	0.00055
-56.57	-14.14	0.00051	-63.64	-21.21	0.00046
-70.71	-28.28	0.00041	-77.78	-35.36	0.00036
-84.85	-42.43	0.00032	-91.92	-49.50	0.00028
56.57	84.85	0.00010	49.50	77.78	0.00012
42.43	70.71	0.00014	35.36	63.64	0.00017
28.28	56.57	0.00021	21.21	49.50	0.00027
14.14	42.43	0.00034	7.07	35.36	0.00044
3.54	31.82	0.00049	0.00	28.28	0.00054
-2.12	26.16	0.00057	-3.54	24.75	0.00058
-4.95	23.33	0.00060	-6.36	21.92	0.00061
-7.78	20.51	0.00062	-20.51	7.78	0.00069
-21.92	6.36	0.00070	-23.33	4.95	0.00071
-24.75	3.54	0.00071	-26.16	2.12	0.00071
-28.28	0.00	0.00071	-31.82	-3.54	0.00070
-35.36	-7.07	0.00068	-42.43	-14.14	0.00063
-49.50	-21.21	0.00056	-56.57	-28.28	0.00050
-63.64	-35.36	0.00044	-70.71	-42.43	0.00038
-77.78	-49.50	0.00033	-84.85	-56.57	0.00028

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

15:29:43
 **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	0.00011	56.57	70.71	0.00013
49.50	63.64	0.00015	42.43	56.57	0.00018
35.36	49.50	0.00022	28.28	42.43	0.00028
21.21	35.36	0.00037	14.14	28.28	0.00048
10.61	24.75	0.00055	7.07	21.21	0.00062
4.95	19.09	0.00066	3.54	17.68	0.00068
2.12	16.26	0.00070	0.71	14.85	0.00072
-0.71	13.44	0.00074	-13.44	0.71	0.00083
-14.85	-0.71	0.00084	-16.26	-2.12	0.00085
-17.68	-3.54	0.00085	-19.09	-4.95	0.00085

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00084	-24.75	-10.61	0.00082
-28.28	-14.14	0.00079	-35.36	-21.21	0.00071
-42.43	-28.28	0.00062	-49.50	-35.36	0.00054
-56.57	-42.43	0.00046	-63.64	-49.50	0.00039
-70.71	-56.57	0.00033	-77.78	-63.64	0.00028
70.71	70.71	0.00012	63.64	63.64	0.00013
56.57	56.57	0.00016	49.50	49.50	0.00019
42.43	42.43	0.00023	35.36	35.36	0.00030
28.28	28.28	0.00039	21.21	21.21	0.00052
17.68	17.68	0.00061	14.14	14.14	0.00070
12.02	12.02	0.00076	10.61	10.61	0.00080
9.19	9.19	0.00083	7.78	7.78	0.00086
6.36	6.36	0.00089	-6.36	-6.36	0.00102
-7.78	-7.78	0.00103	-9.19	-9.19	0.00103
-10.61	-10.61	0.00103	-12.02	-12.02	0.00102
-14.14	-14.14	0.00101	-17.68	-17.68	0.00096
-21.21	-21.21	0.00091	-28.28	-28.28	0.00080
-35.36	-35.36	0.00068	-42.43	-42.43	0.00057
-49.50	-49.50	0.00048	-56.57	-56.57	0.00040
-63.64	-63.64	0.00033	-70.71	-70.71	0.00028
77.78	63.64	0.00012	70.71	56.57	0.00014
63.64	49.50	0.00017	56.57	42.43	0.00020
49.50	35.36	0.00024	42.43	28.28	0.00031
35.36	21.21	0.00041	28.28	14.14	0.00057
24.75	10.61	0.00067	21.21	7.07	0.00079
19.09	4.95	0.00087	17.68	3.54	0.00093
16.26	2.12	0.00098	14.85	0.71	0.00103
13.44	-0.71	0.00108	0.71	-13.44	0.00127
-0.71	-14.85	0.00127	-2.12	-16.26	0.00126
-3.54	-17.68	0.00125	-4.95	-19.09	0.00123

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

15:29:43
 **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	0.00120	-10.61	-24.75	0.00113
-14.14	-28.28	0.00105	-21.21	-35.36	0.00088
-28.28	-42.43	0.00072	-35.36	-49.50	0.00059
-42.43	-56.57	0.00049	-49.50	-63.64	0.00040

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00034	-63.64	-77.78	0.00028
84.85	56.57	0.00013	77.78	49.50	0.00015
70.71	42.43	0.00018	63.64	35.36	0.00021
56.57	28.28	0.00026	49.50	21.21	0.00033
42.43	14.14	0.00044	35.36	7.07	0.00061
31.82	3.54	0.00073	28.28	0.00	0.00088
26.16	-2.12	0.00099	24.75	-3.54	0.00107
23.33	-4.95	0.00115	21.92	-6.36	0.00123
20.51	-7.78	0.00131	7.78	-20.51	0.00159
6.36	-21.92	0.00157	4.95	-23.33	0.00155
3.54	-24.75	0.00152	2.12	-26.16	0.00148
0.00	-28.28	0.00142	-3.54	-31.82	0.00130
-7.07	-35.36	0.00117	-14.14	-42.43	0.00094
-21.21	-49.50	0.00075	-28.28	-56.57	0.00061
-35.36	-63.64	0.00049	-42.43	-70.71	0.00041
-49.50	-77.78	0.00034	-56.57	-84.85	0.00028
91.92	49.50	0.00014	84.85	42.43	0.00016
77.78	35.36	0.00019	70.71	28.28	0.00023
63.64	21.21	0.00028	56.57	14.14	0.00036
49.50	7.07	0.00047	42.43	0.00	0.00065
38.89	-3.54	0.00079	35.36	-7.07	0.00096
33.23	-9.19	0.00110	31.82	-10.61	0.00120
30.41	-12.02	0.00131	28.99	-13.44	0.00144
27.58	-14.85	0.00156	14.85	-27.58	0.00199
13.44	-28.99	0.00194	12.02	-30.41	0.00187
10.61	-31.82	0.00180	9.19	-33.23	0.00172
7.07	-35.36	0.00160	3.54	-38.89	0.00141
0.00	-42.43	0.00124	-7.07	-49.50	0.00097
-14.14	-56.57	0.00077	-21.21	-63.64	0.00062
-28.28	-70.71	0.00050	-35.36	-77.78	0.00041
-42.43	-84.85	0.00034	-49.50	-91.92	0.00028
98.99	42.43	0.00015	91.92	35.36	0.00017
84.85	28.28	0.00021	77.78	21.21	0.00025
70.71	14.14	0.00031	63.64	7.07	0.00039
56.57	0.00	0.00051	49.50	-7.07	0.00072
45.96	-10.61	0.00087	42.43	-14.14	0.00107

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

15:29:43
 **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 ***

18NCRA_PL93-300_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	0.00122	38.89	-17.68	0.00133
37.48	-19.09	0.00147	36.06	-20.51	0.00162
34.65	-21.92	0.00180	21.92	-34.65	0.00236
20.51	-36.06	0.00222	19.09	-37.48	0.00208
17.68	-38.89	0.00196	16.26	-40.31	0.00185
14.14	-42.43	0.00169	10.61	-45.96	0.00147
7.07	-49.50	0.00128	0.00	-56.57	0.00099
-7.07	-63.64	0.00078	-14.14	-70.71	0.00062
-21.21	-77.78	0.00050	-28.28	-84.85	0.00040
-35.36	-91.92	0.00033	-42.43	-98.99	0.00028
106.07	35.36	0.00016	98.99	28.28	0.00019
91.92	21.21	0.00022	84.85	14.14	0.00027
77.78	7.07	0.00033	70.71	0.00	0.00042
63.64	-7.07	0.00056	56.57	-14.14	0.00079
53.03	-17.68	0.00097	49.50	-21.21	0.00120
47.38	-23.33	0.00138	45.96	-24.75	0.00152
44.55	-26.16	0.00169	43.13	-27.58	0.00190
41.72	-28.99	0.00217	28.99	-41.72	0.00264
27.58	-43.13	0.00242	26.16	-44.55	0.00225
24.75	-45.96	0.00210	23.33	-47.38	0.00196
21.21	-49.50	0.00178	17.68	-53.03	0.00153
14.14	-56.57	0.00133	7.07	-63.64	0.00102
0.00	-70.71	0.00079	-7.07	-77.78	0.00062
-14.14	-84.85	0.00050	-21.21	-91.92	0.00041
-28.28	-98.99	0.00034	-35.36	-106.07	0.00028
113.14	28.28	0.00017	106.07	21.21	0.00020
98.99	14.14	0.00024	91.92	7.07	0.00029
84.85	0.00	0.00036	77.78	-7.07	0.00047
70.71	-14.14	0.00063	63.64	-21.21	0.00092
60.10	-24.75	0.00115	56.57	-28.28	0.00150
54.45	-30.41	0.00181	53.03	-31.82	0.00207
51.62	-33.23	0.00241	50.20	-34.65	0.00286
48.79	-36.06	0.00346	36.06	-48.79	0.00317
34.65	-50.20	0.00281	33.23	-51.62	0.00255
31.82	-53.03	0.00234	30.41	-54.45	0.00216
28.28	-56.57	0.00194	24.75	-60.10	0.00164
21.21	-63.64	0.00141	14.14	-70.71	0.00107
7.07	-77.78	0.00083	0.00	-84.85	0.00065
-7.07	-91.92	0.00052	-14.14	-98.99	0.00042
-21.21	-106.07	0.00035	-28.28	-113.14	0.00029

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

*** NCRA Cumulative DPM Impacts

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

15:29:43
 **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	0.00018	113.14	14.14	0.00021	
106.07	7.07	0.00026	98.99	0.00	0.00032	
91.92	-7.07	0.00041	84.85	-14.14	0.00054	
77.78	-21.21	0.00075	70.71	-28.28	0.00116	
67.18	-31.82	0.00152	63.64	-35.36	0.00209	
61.52	-37.48	0.00259	60.10	-38.89	0.00301	
58.69	-40.31	0.00353	57.28	-41.72	0.00415	
55.86	-43.13	0.00494	43.13	-55.86	0.00383	
41.72	-57.28	0.00333	40.31	-58.69	0.00295	
38.89	-60.10	0.00266	37.48	-61.52	0.00242	
35.36	-63.64	0.00214	31.82	-67.18	0.00178	
28.28	-70.71	0.00151	21.21	-77.78	0.00113	
14.14	-84.85	0.00086	7.07	-91.92	0.00068	
0.00	-98.99	0.00054	-7.07	-106.07	0.00044	
-14.14	-113.14	0.00037	-21.21	-120.21	0.00031	
127.28	14.14	0.00019	120.21	7.07	0.00023	
113.14	0.00	0.00029	106.07	-7.07	0.00036	
98.99	-14.14	0.00047	91.92	-21.21	0.00063	
84.85	-28.28	0.00093	77.78	-35.36	0.00152	
74.25	-38.89	0.00203	70.71	-42.43	0.00279	
68.59	-44.55	0.00343	67.18	-45.96	0.00394	
65.76	-47.38	0.00456	64.35	-48.79	0.00528	
62.93	-50.20	0.00614	50.20	-62.93	0.00444	
48.79	-64.35	0.00385	47.38	-65.76	0.00339	
45.96	-67.18	0.00302	44.55	-68.59	0.00272	
42.43	-70.71	0.00236	38.89	-74.25	0.00193	
35.36	-77.78	0.00162	28.28	-84.85	0.00118	
21.21	-91.92	0.00090	14.14	-98.99	0.00071	
7.07	-106.07	0.00057	0.00	-113.14	0.00047	
-7.07	-120.21	0.00039	-14.14	-127.28	0.00033	
134.35	7.07	0.00021	127.28	0.00	0.00026	
120.21	-7.07	0.00032	113.14	-14.14	0.00041	
106.07	-21.21	0.00055	98.99	-28.28	0.00077	
91.92	-35.36	0.00117	84.85	-42.43	0.00193	
81.32	-45.96	0.00256	77.78	-49.50	0.00345	
75.66	-51.62	0.00416	74.25	-53.03	0.00473	

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00539	71.42	-55.86	0.00615
70.00	-57.28	0.00705	57.28	-70.00	0.00493
55.86	-71.42	0.00427	54.45	-72.83	0.00375
53.03	-74.25	0.00333	51.62	-75.66	0.00299

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

15:29:43
 **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	0.00258	45.96	-81.32	0.00207
42.43	-84.85	0.00171	35.36	-91.92	0.00124
28.28	-98.99	0.00094	21.21	-106.07	0.00074
14.14	-113.14	0.00060	7.07	-120.21	0.00050
0.00	-127.28	0.00042	-7.07	-134.35	0.00036
141.42	0.00	0.00023	134.35	-7.07	0.00029
127.28	-14.14	0.00036	120.21	-21.21	0.00047
113.14	-28.28	0.00065	106.07	-35.36	0.00094
98.99	-42.43	0.00144	91.92	-49.50	0.00234
88.39	-53.03	0.00304	84.85	-56.57	0.00401
82.73	-58.69	0.00476	81.32	-60.10	0.00534
79.90	-61.52	0.00602	78.49	-62.93	0.00678
77.07	-64.35	0.00768	64.35	-77.07	0.00525
62.93	-78.49	0.00455	61.52	-79.90	0.00400
60.10	-81.32	0.00355	58.69	-82.73	0.00318
56.57	-84.85	0.00273	53.03	-88.39	0.00218
49.50	-91.92	0.00179	42.43	-98.99	0.00130
35.36	-106.07	0.00100	28.28	-113.14	0.00079
21.21	-120.21	0.00064	14.14	-127.28	0.00053
7.07	-134.35	0.00044	0.00	-141.42	0.00038
148.49	-7.07	0.00026	141.42	-14.14	0.00032
134.35	-21.21	0.00041	127.28	-28.28	0.00055
120.21	-35.36	0.00076	113.14	-42.43	0.00111
106.07	-49.50	0.00170	98.99	-56.57	0.00270
95.46	-60.10	0.00346	91.92	-63.64	0.00447
89.80	-65.76	0.00523	88.39	-67.18	0.00582
86.97	-68.59	0.00647	85.56	-70.00	0.00722
84.15	-71.42	0.00809	71.42	-84.15	0.00539
70.00	-85.56	0.00467	68.59	-86.97	0.00411
67.18	-88.39	0.00366	65.76	-89.80	0.00328

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00283	60.10	-95.46	0.00227
56.57	-98.99	0.00188	49.50	-106.07	0.00137
42.43	-113.14	0.00106	35.36	-120.21	0.00084
28.28	-127.28	0.00068	21.21	-134.35	0.00056
14.14	-141.42	0.00047	7.07	-148.49	0.00039
155.56	-14.14	0.00028	148.49	-21.21	0.00036
141.42	-28.28	0.00047	134.35	-35.36	0.00063
127.28	-42.43	0.00089	120.21	-49.50	0.00129
113.14	-56.57	0.00194	106.07	-63.64	0.00302
102.53	-67.18	0.00381	98.99	-70.71	0.00484

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

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

15:29:43

**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	0.00560	95.46	-74.25	0.00617
94.05	-75.66	0.00680	92.63	-77.07	0.00751
91.22	-78.49	0.00834	78.49	-91.22	0.00537
77.07	-92.63	0.00466	75.66	-94.05	0.00412
74.25	-95.46	0.00369	72.83	-96.87	0.00333
70.71	-98.99	0.00290	67.18	-102.53	0.00237
63.64	-106.07	0.00199	56.57	-113.14	0.00146
49.50	-120.21	0.00113	42.43	-127.28	0.00089
35.36	-134.35	0.00072	28.28	-141.42	0.00059
21.21	-148.49	0.00049	14.14	-155.56	0.00041
162.63	-21.21	0.00031	155.56	-28.28	0.00040
148.49	-35.36	0.00053	141.42	-42.43	0.00072
134.35	-49.50	0.00101	127.28	-56.57	0.00145
120.21	-63.64	0.00215	113.14	-70.71	0.00327
109.60	-74.25	0.00408	106.07	-77.78	0.00511
103.94	-79.90	0.00586	102.53	-81.32	0.00642
101.12	-82.73	0.00704	99.70	-84.15	0.00773
98.29	-85.56	0.00850	85.56	-98.29	0.00529
84.15	-99.70	0.00465	82.73	-101.12	0.00416
81.32	-102.53	0.00376	79.90	-103.94	0.00343
77.78	-106.07	0.00302	74.25	-109.60	0.00249
70.71	-113.14	0.00209	63.64	-120.21	0.00154
56.57	-127.28	0.00118	49.50	-134.35	0.00094
42.43	-141.42	0.00076	35.36	-148.49	0.00062

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00052	21.21	-162.63	0.00044
169.71	-28.28	0.00035	162.63	-35.36	0.00045
155.56	-42.43	0.00060	148.49	-49.50	0.00081
141.42	-56.57	0.00113	134.35	-63.64	0.00160
127.28	-70.71	0.00232	120.21	-77.78	0.00346
116.67	-81.32	0.00426	113.14	-84.85	0.00527
111.02	-86.97	0.00600	109.60	-88.39	0.00654
108.19	-89.80	0.00712	106.77	-91.22	0.00776
105.36	-92.63	0.00844	92.63	-105.36	0.00523
91.22	-106.77	0.00466	89.80	-108.19	0.00419
88.39	-109.60	0.00381	86.97	-111.02	0.00349
84.85	-113.14	0.00309	81.32	-116.67	0.00256
77.78	-120.21	0.00216	70.71	-127.28	0.00160
63.64	-134.35	0.00123	56.57	-141.42	0.00097
49.50	-148.49	0.00078	42.43	-155.56	0.00064
35.36	-162.63	0.00054	28.28	-169.71	0.00045

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

15:29:43

**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	0.00039	169.71	-42.43	0.00051
162.63	-49.50	0.00067	155.56	-56.57	0.00090
148.49	-63.64	0.00123	141.42	-70.71	0.00172
134.35	-77.78	0.00245	127.28	-84.85	0.00356
123.74	-88.39	0.00431	120.21	-91.92	0.00521
118.09	-94.05	0.00581	116.67	-95.46	0.00623
115.26	-96.87	0.00664	113.84	-98.29	0.00703
112.43	-99.70	0.00736	99.70	-112.43	0.00482
98.29	-113.84	0.00441	96.87	-115.26	0.00403
95.46	-116.67	0.00370	94.05	-118.09	0.00341
91.92	-120.21	0.00304	88.39	-123.74	0.00255
84.85	-127.28	0.00216	77.78	-134.35	0.00160
70.71	-141.42	0.00123	63.64	-148.49	0.00097
56.57	-155.56	0.00079	49.50	-162.63	0.00065
42.43	-169.71	0.00054	35.36	-176.78	0.00046
183.85	-42.43	0.00043	176.78	-49.50	0.00056
169.71	-56.57	0.00073	162.63	-63.64	0.00097
155.56	-70.71	0.00131	148.49	-77.78	0.00180

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00250	134.35	-91.92	0.00350
130.81	-95.46	0.00412	127.28	-98.99	0.00480
125.16	-101.12	0.00520	123.74	-102.53	0.00546
122.33	-103.94	0.00569	120.92	-105.36	0.00588
119.50	-106.77	0.00602	106.77	-119.50	0.00426
105.36	-120.92	0.00397	103.94	-122.33	0.00369
102.53	-123.74	0.00344	101.12	-125.16	0.00321
98.99	-127.28	0.00290	95.46	-130.81	0.00246
91.92	-134.35	0.00211	84.85	-141.42	0.00158
77.78	-148.49	0.00122	70.71	-155.56	0.00097
63.64	-162.63	0.00078	56.57	-169.71	0.00065
49.50	-176.78	0.00054	42.43	-183.85	0.00046
190.92	-49.50	0.00047	183.85	-56.57	0.00060
176.78	-63.64	0.00078	169.71	-70.71	0.00103
162.63	-77.78	0.00137	155.56	-84.85	0.00183
148.49	-91.92	0.00247	141.42	-98.99	0.00330
137.89	-102.53	0.00376	134.35	-106.07	0.00422
132.23	-108.19	0.00448	130.81	-109.60	0.00463
129.40	-111.02	0.00475	127.99	-112.43	0.00485
126.57	-113.84	0.00490	113.84	-126.57	0.00366
112.43	-127.99	0.00346	111.02	-129.40	0.00327
109.60	-130.81	0.00309	108.19	-132.23	0.00292

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

15:29:43
 **MODELOPTs:
 PAGE 59

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	-134.35	0.00267	102.53	-137.89	0.00231
98.99	-141.42	0.00201	91.92	-148.49	0.00153
84.85	-155.56	0.00120	77.78	-162.63	0.00095
70.71	-169.71	0.00077	63.64	-176.78	0.00064
56.57	-183.85	0.00054	49.50	-190.92	0.00046
197.99	-56.57	0.00051	190.92	-63.64	0.00064
183.85	-70.71	0.00083	176.78	-77.78	0.00107
169.71	-84.85	0.00139	162.63	-91.92	0.00182
155.56	-98.99	0.00236	148.49	-106.07	0.00300
144.96	-109.60	0.00334	141.42	-113.14	0.00365
139.30	-115.26	0.00381	137.89	-116.67	0.00390
136.47	-118.09	0.00396	135.06	-119.50	0.00400

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00402	120.92	-133.64	0.00313
119.50	-135.06	0.00299	118.09	-136.47	0.00285
116.67	-137.89	0.00272	115.26	-139.30	0.00259
113.14	-141.42	0.00241	109.60	-144.96	0.00213
106.07	-148.49	0.00188	98.99	-155.56	0.00146
91.92	-162.63	0.00116	84.85	-169.71	0.00093
77.78	-176.78	0.00076	70.71	-183.85	0.00063
63.64	-190.92	0.00053	56.57	-197.99	0.00045
205.06	-63.64	0.00054	197.99	-70.71	0.00068
190.92	-77.78	0.00085	183.85	-84.85	0.00109
176.78	-91.92	0.00138	169.71	-98.99	0.00175
162.63	-106.07	0.00220	155.56	-113.14	0.00269
152.03	-116.67	0.00294	148.49	-120.21	0.00314
146.37	-122.33	0.00324	144.96	-123.74	0.00329
143.54	-125.16	0.00332	142.13	-126.57	0.00334
140.71	-127.99	0.00333	127.99	-140.71	0.00268
126.57	-142.13	0.00257	125.16	-143.54	0.00247
123.74	-144.96	0.00237	122.33	-146.37	0.00228
120.21	-148.49	0.00215	116.67	-152.03	0.00193
113.14	-155.56	0.00173	106.07	-162.63	0.00138
98.99	-169.71	0.00111	91.92	-176.78	0.00090
84.85	-183.85	0.00074	77.78	-190.92	0.00062
70.71	-197.99	0.00053	63.64	-205.06	0.00045
212.13	-70.71	0.00056	205.06	-77.78	0.00070
197.99	-84.85	0.00087	190.92	-91.92	0.00108
183.85	-98.99	0.00135	176.78	-106.07	0.00166
169.71	-113.14	0.00202	162.63	-120.21	0.00240
159.10	-123.74	0.00257	155.56	-127.28	0.00271

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

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

15:29:43

**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	0.00277	152.03	-130.81	0.00279
150.61	-132.23	0.00281	149.20	-133.64	0.00281
147.79	-135.06	0.00280	135.06	-147.79	0.00230
133.64	-149.20	0.00223	132.23	-150.61	0.00215
130.81	-152.03	0.00207	129.40	-153.44	0.00200
127.28	-155.56	0.00190	123.74	-159.10	0.00173

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00158	113.14	-169.71	0.00129
106.07	-176.78	0.00105	98.99	-183.85	0.00086
91.92	-190.92	0.00072	84.85	-197.99	0.00061
77.78	-205.06	0.00052	70.71	-212.13	0.00044
219.20	-77.78	0.00058	212.13	-84.85	0.00071
205.06	-91.92	0.00087	197.99	-98.99	0.00106
190.92	-106.07	0.00129	183.85	-113.14	0.00156
176.78	-120.21	0.00185	169.71	-127.28	0.00213
166.17	-130.81	0.00225	162.63	-134.35	0.00234
160.51	-136.47	0.00238	159.10	-137.89	0.00239
157.68	-139.30	0.00240	156.27	-140.71	0.00239
154.86	-142.13	0.00238	142.13	-154.86	0.00199
140.71	-156.27	0.00194	139.30	-157.68	0.00188
137.89	-159.10	0.00182	136.47	-160.51	0.00176
134.35	-162.63	0.00168	130.81	-166.17	0.00155
127.28	-169.71	0.00143	120.21	-176.78	0.00120
113.14	-183.85	0.00100	106.07	-190.92	0.00083
98.99	-197.99	0.00069	91.92	-205.06	0.00059
84.85	-212.13	0.00050	77.78	-219.20	0.00043
226.27	-84.85	0.00059	219.20	-91.92	0.00071
212.13	-98.99	0.00086	205.06	-106.07	0.00103
197.99	-113.14	0.00123	190.92	-120.21	0.00145
183.85	-127.28	0.00168	176.78	-134.35	0.00190
173.24	-137.89	0.00198	169.71	-141.42	0.00204
167.58	-143.54	0.00206	166.17	-144.96	0.00206
164.76	-146.37	0.00206	163.34	-147.79	0.00206
161.93	-149.20	0.00205	149.20	-161.93	0.00174
147.79	-163.34	0.00170	146.37	-164.76	0.00165
144.96	-166.17	0.00161	143.54	-167.58	0.00156
141.42	-169.71	0.00149	137.89	-173.24	0.00139
134.35	-176.78	0.00129	127.28	-183.85	0.00111
120.21	-190.92	0.00094	113.14	-197.99	0.00079
106.07	-205.06	0.00066	98.99	-212.13	0.00056
91.92	-219.20	0.00049	84.85	-226.27	0.00042

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

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

15:29:43

**MODELOPTs:
 PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00059	226.27	-98.99	0.00071
219.20	-106.07	0.00084	212.13	-113.14	0.00099
205.06	-120.21	0.00116	197.99	-127.28	0.00134
190.92	-134.35	0.00153	183.85	-141.42	0.00169
180.31	-144.96	0.00175	176.78	-148.49	0.00179
174.66	-150.61	0.00180	173.24	-152.03	0.00180
171.83	-153.44	0.00180	170.41	-154.86	0.00179
169.00	-156.27	0.00178	156.27	-169.00	0.00153
154.86	-170.41	0.00150	153.44	-171.83	0.00146
152.03	-173.24	0.00142	150.61	-174.66	0.00139
148.49	-176.78	0.00133	144.96	-180.31	0.00125
141.42	-183.85	0.00117	134.35	-190.92	0.00102
127.28	-197.99	0.00088	120.21	-205.06	0.00075
113.14	-212.13	0.00064	106.07	-219.20	0.00054
98.99	-226.27	0.00047	91.92	-233.35	0.00041
240.42	-98.99	0.00059	233.35	-106.07	0.00069
226.27	-113.14	0.00081	219.20	-120.21	0.00094
212.13	-127.28	0.00108	205.06	-134.35	0.00124
197.99	-141.42	0.00139	190.92	-148.49	0.00151
187.38	-152.03	0.00155	183.85	-155.56	0.00158
181.73	-157.68	0.00158	180.31	-159.10	0.00158
178.90	-160.51	0.00158	177.48	-161.93	0.00157
176.07	-163.34	0.00156	163.34	-176.07	0.00136
161.93	-177.48	0.00133	160.51	-178.90	0.00130
159.10	-180.31	0.00127	157.68	-181.73	0.00124
155.56	-183.85	0.00120	152.03	-187.38	0.00113
148.49	-190.92	0.00106	141.42	-197.99	0.00094
134.35	-205.06	0.00082	127.28	-212.13	0.00071
120.21	-219.20	0.00061	113.14	-226.27	0.00052
106.07	-233.35	0.00045	98.99	-240.42	0.00040
247.49	-106.07	0.00058	240.42	-113.14	0.00067
233.35	-120.21	0.00077	226.27	-127.28	0.00089
219.20	-134.35	0.00102	212.13	-141.42	0.00115
205.06	-148.49	0.00126	197.99	-155.56	0.00136
194.45	-159.10	0.00138	190.92	-162.63	0.00140
188.80	-164.76	0.00140	187.38	-166.17	0.00140
185.97	-167.58	0.00139	184.55	-169.00	0.00139
183.14	-170.41	0.00138	170.41	-183.14	0.00121
169.00	-184.55	0.00119	167.58	-185.97	0.00116
166.17	-187.38	0.00114	164.76	-188.80	0.00112

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

*** NCRA Cumulative DPM Impacts

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

15:29:43
**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	0.00108	159.10	-194.45	0.00102	
155.56	-197.99	0.00096	148.49	-205.06	0.00086	
141.42	-212.13	0.00076	134.35	-219.20	0.00067	
127.28	-226.27	0.00058	120.21	-233.35	0.00050	
113.14	-240.42	0.00044	106.07	-247.49	0.00039	

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

15:29:43
 **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	0.00007	-113.14	240.42	0.00008	
-120.21	233.35	0.00009	-127.28	226.27	0.00009	
-134.35	219.20	0.00010	-141.42	212.13	0.00011	
-148.49	205.06	0.00012	-155.56	197.99	0.00012	
-159.10	194.45	0.00013	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00013	-169.00	184.55	0.00013	
-170.41	183.14	0.00013	-183.14	170.41	0.00014	
-184.55	169.00	0.00014	-185.97	167.58	0.00014	
-187.38	166.17	0.00014	-188.80	164.76	0.00014	
-190.92	162.63	0.00014	-194.45	159.10	0.00014	
-197.99	155.56	0.00015	-205.06	148.49	0.00015	
-212.13	141.42	0.00015	-219.20	134.35	0.00015	
-226.27	127.28	0.00015	-233.35	120.21	0.00014	
-240.42	113.14	0.00014	-247.49	106.07	0.00013	
-98.99	240.42	0.00007	-106.07	233.35	0.00008	
-113.14	226.27	0.00009	-120.21	219.20	0.00010	
-127.28	212.13	0.00011	-134.35	205.06	0.00012	
-141.42	197.99	0.00013	-148.49	190.92	0.00013	
-152.03	187.38	0.00014	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00014	-161.93	177.48	0.00014	
-163.34	176.07	0.00014	-176.07	163.34	0.00015	

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00015	-178.90	160.51	0.00015
-180.31	159.10	0.00015	-181.73	157.68	0.00015
-183.85	155.56	0.00015	-187.38	152.03	0.00016
-190.92	148.49	0.00016	-197.99	141.42	0.00016
-205.06	134.35	0.00016	-212.13	127.28	0.00016
-219.20	120.21	0.00016	-226.27	113.14	0.00015
-233.35	106.07	0.00015	-240.42	98.99	0.00014
-91.92	233.35	0.00007	-98.99	226.27	0.00008
-106.07	219.20	0.00009	-113.14	212.13	0.00010
-120.21	205.06	0.00012	-127.28	197.99	0.00013
-134.35	190.92	0.00014	-141.42	183.85	0.00014
-144.96	180.31	0.00015	-148.49	176.78	0.00015
-150.61	174.66	0.00015	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00016
-170.41	154.86	0.00016	-171.83	153.44	0.00016
-173.24	152.03	0.00017	-174.66	150.61	0.00017

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

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

15:29:43

**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	0.00017	-180.31	144.96	0.00017
-183.85	141.42	0.00017	-190.92	134.35	0.00018
-197.99	127.28	0.00018	-205.06	120.21	0.00017
-212.13	113.14	0.00017	-219.20	106.07	0.00016
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00007	-91.92	219.20	0.00008
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00012	-120.21	190.92	0.00013
-127.28	183.85	0.00015	-134.35	176.78	0.00016
-137.89	173.24	0.00016	-141.42	169.71	0.00016
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00017	-161.93	149.20	0.00018
-163.34	147.79	0.00018	-164.76	146.37	0.00018
-166.17	144.96	0.00018	-167.58	143.54	0.00018
-169.71	141.42	0.00018	-173.24	137.89	0.00019
-176.78	134.35	0.00019	-183.85	127.28	0.00019

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00019	-197.99	113.14	0.00019
-205.06	106.07	0.00018	-212.13	99.00	0.00017
-219.20	91.92	0.00017	-226.27	84.85	0.00016
-77.78	219.20	0.00008	-84.85	212.13	0.00009
-91.92	205.06	0.00010	-98.99	197.99	0.00011
-106.07	190.92	0.00013	-113.14	183.85	0.00014
-120.21	176.78	0.00016	-127.28	169.71	0.00017
-130.81	166.17	0.00017	-134.35	162.63	0.00018
-136.47	160.51	0.00018	-137.89	159.10	0.00018
-139.30	157.68	0.00018	-140.71	156.27	0.00018
-142.13	154.86	0.00019	-154.86	142.13	0.00019
-156.27	140.71	0.00020	-157.68	139.30	0.00020
-159.10	137.89	0.00020	-160.51	136.47	0.00020
-162.63	134.35	0.00020	-166.17	130.81	0.00020
-169.71	127.28	0.00021	-176.78	120.21	0.00021
-183.85	113.14	0.00021	-190.92	106.07	0.00020
-197.99	99.00	0.00020	-205.06	91.92	0.00019
-212.13	84.85	0.00018	-219.20	77.78	0.00017
-70.71	212.13	0.00008	-77.78	205.06	0.00009
-84.85	197.99	0.00010	-91.92	190.92	0.00012
-98.99	183.85	0.00014	-106.07	176.78	0.00015
-113.14	169.71	0.00017	-120.21	162.63	0.00018
-123.74	159.10	0.00019	-127.28	155.56	0.00019

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

15:29:43
 **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	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00020	-133.64	149.20	0.00020
-135.06	147.79	0.00020	-147.79	135.06	0.00021
-149.20	133.64	0.00022	-150.61	132.23	0.00022
-152.03	130.81	0.00022	-153.44	129.40	0.00022
-155.56	127.28	0.00022	-159.10	123.74	0.00022
-162.63	120.21	0.00023	-169.71	113.14	0.00023
-176.78	106.07	0.00023	-183.85	98.99	0.00022
-190.92	91.92	0.00021	-197.99	84.85	0.00020
-205.06	77.78	0.00019	-212.13	70.71	0.00018
-63.64	205.06	0.00008	-70.71	197.99	0.00009

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00011	-84.85	183.85	0.00012
-91.92	176.78	0.00014	-98.99	169.71	0.00016
-106.07	162.63	0.00018	-113.14	155.56	0.00020
-116.67	152.03	0.00021	-120.21	148.49	0.00021
-122.33	146.37	0.00022	-123.74	144.96	0.00022
-125.16	143.54	0.00022	-126.57	142.13	0.00022
-127.99	140.71	0.00022	-140.71	127.99	0.00024
-142.13	126.57	0.00024	-143.54	125.16	0.00024
-144.96	123.74	0.00024	-146.37	122.33	0.00024
-148.49	120.21	0.00025	-152.03	116.67	0.00025
-155.56	113.14	0.00025	-162.63	106.07	0.00025
-169.71	98.99	0.00025	-176.78	91.92	0.00024
-183.85	84.85	0.00023	-190.92	77.78	0.00022
-197.99	70.71	0.00020	-205.06	63.64	0.00019
-56.57	197.99	0.00008	-63.64	190.92	0.00010
-70.71	183.85	0.00011	-77.78	176.78	0.00013
-84.85	169.71	0.00015	-91.92	162.63	0.00018
-98.99	155.56	0.00020	-106.07	148.49	0.00022
-109.60	144.96	0.00023	-113.14	141.42	0.00024
-115.26	139.30	0.00024	-116.67	137.89	0.00024
-118.09	136.47	0.00024	-119.50	135.06	0.00025
-120.92	133.64	0.00025	-133.64	120.92	0.00026
-135.06	119.50	0.00027	-136.47	118.09	0.00027
-137.89	116.67	0.00027	-139.30	115.26	0.00027
-141.42	113.14	0.00027	-144.96	109.60	0.00028
-148.49	106.07	0.00028	-155.56	98.99	0.00028
-162.63	91.92	0.00027	-169.71	84.85	0.00026
-176.78	77.78	0.00025	-183.85	70.71	0.00023
-190.92	63.64	0.00022	-197.99	56.57	0.00020

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

15:29:43
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00010
-63.64	176.78	0.00012	-70.71	169.71	0.00014
-77.78	162.63	0.00016	-84.85	155.56	0.00019
-91.92	148.49	0.00022	-98.99	141.42	0.00024
-102.53	137.89	0.00025	-106.07	134.35	0.00026

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 15:29:43
 **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 **

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00039	-123.74	88.39	0.00040
-127.28	84.85	0.00040	-134.35	77.78	0.00039
-141.42	70.71	0.00037	-148.49	63.64	0.00034
-155.56	56.57	0.00032	-162.63	49.50	0.00029
-169.71	42.43	0.00027	-176.78	35.36	0.00024
-28.28	169.71	0.00009	-35.36	162.63	0.00011
-42.43	155.56	0.00013	-49.50	148.49	0.00015
-56.57	141.42	0.00019	-63.64	134.35	0.00023
-70.71	127.28	0.00027	-77.78	120.21	0.00032
-81.32	116.67	0.00035	-84.85	113.14	0.00037
-86.97	111.02	0.00038	-88.39	109.60	0.00038
-89.80	108.19	0.00039	-91.22	106.77	0.00039
-92.63	105.36	0.00040	-105.36	92.63	0.00043
-106.77	91.22	0.00044	-108.19	89.80	0.00044
-109.60	88.39	0.00044	-111.02	86.97	0.00045
-113.14	84.85	0.00045	-116.67	81.32	0.00045
-120.21	77.78	0.00045	-127.28	70.71	0.00043
-134.35	63.64	0.00041	-141.42	56.57	0.00038
-148.49	49.50	0.00035	-155.56	42.43	0.00032
-162.63	35.36	0.00029	-169.71	28.28	0.00026
-21.21	162.63	0.00010	-28.28	155.56	0.00011
-35.36	148.49	0.00013	-42.43	141.42	0.00016
-49.50	134.35	0.00019	-56.57	127.28	0.00024
-63.64	120.21	0.00030	-70.71	113.14	0.00036
-74.25	109.60	0.00039	-77.78	106.07	0.00041
-79.90	103.94	0.00043	-81.32	102.53	0.00044
-82.73	101.12	0.00044	-84.15	99.70	0.00045
-85.56	98.29	0.00046	-98.29	85.56	0.00050
-99.70	84.15	0.00050	-101.12	82.73	0.00051
-102.53	81.32	0.00051	-103.94	79.90	0.00052
-106.07	77.78	0.00052	-109.60	74.25	0.00052
-113.14	70.71	0.00052	-120.21	63.64	0.00049
-127.28	56.57	0.00045	-134.35	49.50	0.00042
-141.42	42.43	0.00038	-148.49	35.36	0.00034
-155.56	28.28	0.00030	-162.63	21.21	0.00027
-14.14	155.56	0.00010	-21.21	148.49	0.00012
-28.28	141.42	0.00014	-35.36	134.35	0.00017
-42.43	127.28	0.00020	-49.50	120.21	0.00025
-56.57	113.14	0.00032	-63.64	106.07	0.00040
-67.18	102.53	0.00044	-70.71	98.99	0.00047

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00049	-74.25	95.46	0.00050
-75.66	94.05	0.00051	-77.07	92.63	0.00052
-78.49	91.22	0.00053	-91.22	78.49	0.00058
-92.63	77.07	0.00059	-94.05	75.66	0.00059
-95.46	74.25	0.00060	-96.87	72.83	0.00060
-98.99	70.71	0.00061	-102.53	67.18	0.00060
-106.07	63.64	0.00059	-113.14	56.57	0.00055
-120.21	49.50	0.00051	-127.28	42.43	0.00046
-134.35	35.36	0.00041	-141.42	28.28	0.00036
-148.49	21.21	0.00032	-155.56	14.14	0.00028
-7.07	148.49	0.00010	-14.14	141.42	0.00012
-21.21	134.35	0.00014	-28.28	127.28	0.00017
-35.36	120.21	0.00021	-42.43	113.14	0.00027
-49.50	106.07	0.00034	-56.57	98.99	0.00044
-60.10	95.46	0.00049	-63.64	91.92	0.00054
-65.76	89.80	0.00057	-67.18	88.39	0.00058
-68.59	86.97	0.00060	-70.00	85.56	0.00061
-71.42	84.15	0.00062	-84.15	71.42	0.00069
-85.56	70.00	0.00070	-86.97	68.59	0.00071
-88.39	67.18	0.00071	-89.80	65.76	0.00071
-91.92	63.64	0.00071	-95.46	60.10	0.00070
-98.99	56.57	0.00068	-106.07	49.50	0.00063
-113.14	42.43	0.00056	-120.21	35.36	0.00050
-127.28	28.28	0.00044	-134.35	21.21	0.00038
-141.42	14.14	0.00033	-148.49	7.07	0.00028
0.00	141.42	0.00011	-7.07	134.35	0.00013
-14.14	127.28	0.00015	-21.21	120.21	0.00018
-28.28	113.14	0.00022	-35.36	106.07	0.00028
-42.43	98.99	0.00037	-49.50	91.92	0.00048
-53.03	88.39	0.00055	-56.57	84.85	0.00062
-58.69	82.73	0.00066	-60.10	81.32	0.00068
-61.52	79.90	0.00070	-62.93	78.49	0.00072
-64.35	77.07	0.00074	-77.07	64.35	0.00083
-78.49	62.93	0.00084	-79.90	61.52	0.00085
-81.32	60.10	0.00085	-82.73	58.69	0.00085
-84.85	56.57	0.00084	-88.39	53.03	0.00082
-91.92	49.50	0.00079	-98.99	42.43	0.00071

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00062	-113.14	28.28	0.00054
-120.21	21.21	0.00046	-127.28	14.14	0.00039
-134.35	7.07	0.00033	-141.42	0.00	0.00028

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

15:29:43
 **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	0.00012	0.00	127.28	0.00013
-7.07	120.21	0.00016	-14.14	113.14	0.00019
-21.21	106.07	0.00023	-28.28	98.99	0.00030
-35.36	91.92	0.00039	-42.43	84.85	0.00052
-45.96	81.32	0.00061	-49.50	77.78	0.00070
-51.62	75.66	0.00076	-53.03	74.25	0.00080
-54.45	72.83	0.00083	-55.86	71.42	0.00086
-57.28	70.00	0.00089	-70.00	57.28	0.00102
-71.42	55.86	0.00103	-72.83	54.45	0.00103
-74.25	53.03	0.00103	-75.66	51.62	0.00102
-77.78	49.50	0.00101	-81.32	45.96	0.00096
-84.85	42.43	0.00091	-91.92	35.36	0.00080
-98.99	28.28	0.00068	-106.07	21.21	0.00057
-113.14	14.14	0.00048	-120.21	7.07	0.00040
-127.28	0.00	0.00033	-134.35	-7.07	0.00028
14.14	127.28	0.00012	7.07	120.21	0.00014
0.00	113.14	0.00017	-7.07	106.07	0.00020
-14.14	98.99	0.00024	-21.21	91.92	0.00031
-28.28	84.85	0.00041	-35.36	77.78	0.00057
-38.89	74.25	0.00067	-42.43	70.71	0.00079
-44.55	68.59	0.00087	-45.96	67.18	0.00093
-47.38	65.76	0.00098	-48.79	64.35	0.00103
-50.20	62.93	0.00108	-62.93	50.20	0.00127
-64.35	48.79	0.00127	-65.76	47.38	0.00126
-67.18	45.96	0.00125	-68.59	44.55	0.00123
-70.71	42.43	0.00120	-74.25	38.89	0.00113
-77.78	35.36	0.00105	-84.85	28.28	0.00088
-91.92	21.21	0.00072	-98.99	14.14	0.00059
-106.07	7.07	0.00049	-113.14	0.00	0.00040
-120.21	-7.07	0.00034	-127.28	-14.14	0.00028
21.21	120.21	0.00013	14.14	113.14	0.00015

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00018	0.00	98.99	0.00021
-7.07	91.92	0.00026	-14.14	84.85	0.00033
-21.21	77.78	0.00044	-28.28	70.71	0.00061
-31.82	67.18	0.00073	-35.36	63.64	0.00088
-37.48	61.52	0.00099	-38.89	60.10	0.00107
-40.31	58.69	0.00115	-41.72	57.28	0.00123
-43.13	55.86	0.00131	-55.86	43.13	0.00159
-57.28	41.72	0.00157	-58.69	40.31	0.00155
-60.10	38.89	0.00152	-61.52	37.48	0.00148

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

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

15:29:43

**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	0.00142	-67.18	31.82	0.00130
-70.71	28.28	0.00117	-77.78	21.21	0.00094
-84.85	14.14	0.00075	-91.92	7.07	0.00061
-98.99	0.00	0.00049	-106.07	-7.07	0.00041
-113.14	-14.14	0.00034	-120.21	-21.21	0.00028
28.28	113.14	0.00014	21.21	106.07	0.00016
14.14	98.99	0.00019	7.07	91.92	0.00023
0.00	84.85	0.00028	-7.07	77.78	0.00036
-14.14	70.71	0.00047	-21.21	63.64	0.00065
-24.75	60.10	0.00079	-28.28	56.57	0.00096
-30.41	54.45	0.00110	-31.82	53.03	0.00120
-33.23	51.62	0.00131	-34.65	50.20	0.00144
-36.06	48.79	0.00156	-48.79	36.06	0.00199
-50.20	34.65	0.00194	-51.62	33.23	0.00187
-53.03	31.82	0.00180	-54.45	30.41	0.00172
-56.57	28.28	0.00160	-60.10	24.75	0.00141
-63.64	21.21	0.00124	-70.71	14.14	0.00097
-77.78	7.07	0.00077	-84.85	0.00	0.00062
-91.92	-7.07	0.00050	-98.99	-14.14	0.00041
-106.07	-21.21	0.00034	-113.14	-28.28	0.00028
35.36	106.07	0.00015	28.28	98.99	0.00017
21.21	91.92	0.00021	14.14	84.85	0.00025
7.07	77.78	0.00031	0.00	70.71	0.00039
-7.07	63.64	0.00051	-14.14	56.57	0.00072
-17.68	53.03	0.00087	-21.21	49.50	0.00107

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00122	-24.75	45.96	0.00133
-26.16	44.55	0.00147	-27.58	43.13	0.00162
-28.99	41.72	0.00180	-41.72	28.99	0.00236
-43.13	27.58	0.00222	-44.55	26.16	0.00208
-45.96	24.75	0.00196	-47.38	23.33	0.00185
-49.50	21.21	0.00169	-53.03	17.68	0.00147
-56.57	14.14	0.00128	-63.64	7.07	0.00099
-70.71	0.00	0.00078	-77.78	-7.07	0.00062
-84.85	-14.14	0.00050	-91.92	-21.21	0.00040
-98.99	-28.28	0.00033	-106.07	-35.36	0.00028
42.43	98.99	0.00016	35.36	91.92	0.00019
28.28	84.85	0.00022	21.21	77.78	0.00027
14.14	70.71	0.00033	7.07	63.64	0.00042
0.00	56.57	0.00056	-7.07	49.50	0.00079
-10.61	45.96	0.00097	-14.14	42.43	0.00120

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

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

15:29:43

**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	0.00138	-17.68	38.89	0.00152
-19.09	37.48	0.00169	-20.51	36.06	0.00190
-21.92	34.65	0.00217	-34.65	21.92	0.00264
-36.06	20.51	0.00242	-37.48	19.09	0.00225
-38.89	17.68	0.00210	-40.31	16.26	0.00196
-42.43	14.14	0.00178	-45.96	10.61	0.00153
-49.50	7.07	0.00133	-56.57	0.00	0.00102
-63.64	-7.07	0.00079	-70.71	-14.14	0.00062
-77.78	-21.21	0.00050	-84.85	-28.28	0.00041
-91.92	-35.36	0.00034	-98.99	-42.43	0.00028
49.50	91.92	0.00017	42.43	84.85	0.00020
35.36	77.78	0.00024	28.28	70.71	0.00029
21.21	63.64	0.00036	14.14	56.57	0.00047
7.07	49.50	0.00063	0.00	42.43	0.00092
-3.54	38.89	0.00115	-7.07	35.36	0.00150
-9.19	33.23	0.00181	-10.61	31.82	0.00207
-12.02	30.41	0.00241	-13.44	28.99	0.00286
-14.85	27.58	0.00346	-27.58	14.85	0.00317
-28.99	13.44	0.00281	-30.41	12.02	0.00255

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00234	-33.23	9.19	0.00216
-35.36	7.07	0.00194	-38.89	3.54	0.00164
-42.43	0.00	0.00141	-49.50	-7.07	0.00107
-56.57	-14.14	0.00083	-63.64	-21.21	0.00065
-70.71	-28.28	0.00052	-77.78	-35.36	0.00042
-84.85	-42.43	0.00035	-91.92	-49.50	0.00029
56.57	84.85	0.00018	49.50	77.78	0.00021
42.43	70.71	0.00026	35.36	63.64	0.00032
28.28	56.57	0.00041	21.21	49.50	0.00054
14.14	42.43	0.00075	7.07	35.36	0.00116
3.54	31.82	0.00152	0.00	28.28	0.00209
-2.12	26.16	0.00259	-3.54	24.75	0.00301
-4.95	23.33	0.00353	-6.36	21.92	0.00415
-7.78	20.51	0.00494	-20.51	7.78	0.00383
-21.92	6.36	0.00333	-23.33	4.95	0.00295
-24.75	3.54	0.00266	-26.16	2.12	0.00242
-28.28	0.00	0.00214	-31.82	-3.54	0.00178
-35.36	-7.07	0.00151	-42.43	-14.14	0.00113
-49.50	-21.21	0.00086	-56.57	-28.28	0.00068
-63.64	-35.36	0.00054	-70.71	-42.43	0.00044
-77.78	-49.50	0.00037	-84.85	-56.57	0.00031

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

15:29:43
 **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	0.00019	56.57	70.71	0.00023
49.50	63.64	0.00029	42.43	56.57	0.00036
35.36	49.50	0.00047	28.28	42.43	0.00063
21.21	35.36	0.00093	14.14	28.28	0.00152
10.61	24.75	0.00203	7.07	21.21	0.00279
4.95	19.09	0.00343	3.54	17.68	0.00394
2.12	16.26	0.00456	0.71	14.85	0.00528
-0.71	13.44	0.00614	-13.44	0.71	0.00444
-14.85	-0.71	0.00385	-16.26	-2.12	0.00339
-17.68	-3.54	0.00302	-19.09	-4.95	0.00272
-21.21	-7.07	0.00236	-24.75	-10.61	0.00193
-28.28	-14.14	0.00162	-35.36	-21.21	0.00118
-42.43	-28.28	0.00090	-49.50	-35.36	0.00071

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00057	-63.64	-49.50	0.00047
-70.71	-56.57	0.00039	-77.78	-63.64	0.00033
70.71	70.71	0.00021	63.64	63.64	0.00026
56.57	56.57	0.00032	49.50	49.50	0.00041
42.43	42.43	0.00055	35.36	35.36	0.00077
28.28	28.28	0.00117	21.21	21.21	0.00193
17.68	17.68	0.00256	14.14	14.14	0.00345
12.02	12.02	0.00416	10.61	10.61	0.00473
9.19	9.19	0.00539	7.78	7.78	0.00615
6.36	6.36	0.00705	-6.36	-6.36	0.00493
-7.78	-7.78	0.00427	-9.19	-9.19	0.00375
-10.61	-10.61	0.00333	-12.02	-12.02	0.00299
-14.14	-14.14	0.00258	-17.68	-17.68	0.00207
-21.21	-21.21	0.00171	-28.28	-28.28	0.00124
-35.36	-35.36	0.00094	-42.43	-42.43	0.00074
-49.50	-49.50	0.00060	-56.57	-56.57	0.00050
-63.64	-63.64	0.00042	-70.71	-70.71	0.00036
77.78	63.64	0.00023	70.71	56.57	0.00029
63.64	49.50	0.00036	56.57	42.43	0.00047
49.50	35.36	0.00065	42.43	28.28	0.00094
35.36	21.21	0.00144	28.28	14.14	0.00234
24.75	10.61	0.00304	21.21	7.07	0.00401
19.09	4.95	0.00476	17.68	3.54	0.00534
16.26	2.12	0.00602	14.85	0.71	0.00678
13.44	-0.71	0.00768	0.71	-13.44	0.00525
-0.71	-14.85	0.00455	-2.12	-16.26	0.00400
-3.54	-17.68	0.00355	-4.95	-19.09	0.00318

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

15:29:43
 **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	0.00273	-10.61	-24.75	0.00218
-14.14	-28.28	0.00179	-21.21	-35.36	0.00130
-28.28	-42.43	0.00100	-35.36	-49.50	0.00079
-42.43	-56.57	0.00064	-49.50	-63.64	0.00053
-56.57	-70.71	0.00044	-63.64	-77.78	0.00038
84.85	56.57	0.00026	77.78	49.50	0.00032
70.71	42.43	0.00041	63.64	35.36	0.00055

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00076	49.50	21.21	0.00111
42.43	14.14	0.00170	35.36	7.07	0.00270
31.82	3.54	0.00346	28.28	0.00	0.00447
26.16	-2.12	0.00523	24.75	-3.54	0.00582
23.33	-4.95	0.00647	21.92	-6.36	0.00722
20.51	-7.78	0.00809	7.78	-20.51	0.00539
6.36	-21.92	0.00467	4.95	-23.33	0.00411
3.54	-24.75	0.00366	2.12	-26.16	0.00328
0.00	-28.28	0.00283	-3.54	-31.82	0.00227
-7.07	-35.36	0.00188	-14.14	-42.43	0.00137
-21.21	-49.50	0.00106	-28.28	-56.57	0.00084
-35.36	-63.64	0.00068	-42.43	-70.71	0.00056
-49.50	-77.78	0.00047	-56.57	-84.85	0.00039
91.92	49.50	0.00028	84.85	42.43	0.00036
77.78	35.36	0.00047	70.71	28.28	0.00063
63.64	21.21	0.00089	56.57	14.14	0.00129
49.50	7.07	0.00194	42.43	0.00	0.00302
38.89	-3.54	0.00381	35.36	-7.07	0.00484
33.23	-9.19	0.00560	31.82	-10.61	0.00617
30.41	-12.02	0.00680	28.99	-13.44	0.00752
27.58	-14.85	0.00834	14.85	-27.58	0.00537
13.44	-28.99	0.00466	12.02	-30.41	0.00412
10.61	-31.82	0.00369	9.19	-33.23	0.00333
7.07	-35.36	0.00290	3.54	-38.89	0.00237
0.00	-42.43	0.00199	-7.07	-49.50	0.00146
-14.14	-56.57	0.00113	-21.21	-63.64	0.00089
-28.28	-70.71	0.00072	-35.36	-77.78	0.00059
-42.43	-84.85	0.00049	-49.50	-91.92	0.00041
98.99	42.43	0.00031	91.92	35.36	0.00040
84.85	28.28	0.00053	77.78	21.21	0.00072
70.71	14.14	0.00101	63.64	7.07	0.00145
56.57	0.00	0.00215	49.50	-7.07	0.00327
45.96	-10.61	0.00408	42.43	-14.14	0.00511

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

15:29:43
 **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	0.00586	38.89	-17.68	0.00642

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00704	36.06	-20.51	0.00773
34.65	-21.92	0.00850	21.92	-34.65	0.00529
20.51	-36.06	0.00465	19.09	-37.48	0.00416
17.68	-38.89	0.00376	16.26	-40.31	0.00343
14.14	-42.43	0.00302	10.61	-45.96	0.00249
7.07	-49.50	0.00209	0.00	-56.57	0.00154
-7.07	-63.64	0.00118	-14.14	-70.71	0.00094
-21.21	-77.78	0.00076	-28.28	-84.85	0.00062
-35.36	-91.92	0.00052	-42.43	-98.99	0.00044
106.07	35.36	0.00035	98.99	28.28	0.00045
91.92	21.21	0.00060	84.85	14.14	0.00081
77.78	7.07	0.00113	70.71	0.00	0.00160
63.64	-7.07	0.00232	56.57	-14.14	0.00346
53.03	-17.68	0.00426	49.50	-21.21	0.00527
47.38	-23.33	0.00600	45.96	-24.75	0.00654
44.55	-26.16	0.00712	43.13	-27.58	0.00776
41.72	-28.99	0.00844	28.99	-41.72	0.00523
27.58	-43.13	0.00466	26.16	-44.55	0.00419
24.75	-45.96	0.00381	23.33	-47.38	0.00349
21.21	-49.50	0.00309	17.68	-53.03	0.00256
14.14	-56.57	0.00216	7.07	-63.64	0.00160
0.00	-70.71	0.00123	-7.07	-77.78	0.00097
-14.14	-84.85	0.00078	-21.21	-91.92	0.00064
-28.28	-98.99	0.00054	-35.36	-106.07	0.00045
113.14	28.28	0.00039	106.07	21.21	0.00051
98.99	14.14	0.00067	91.92	7.07	0.00090
84.85	0.00	0.00123	77.78	-7.07	0.00172
70.71	-14.14	0.00245	63.64	-21.21	0.00356
60.10	-24.75	0.00431	56.57	-28.28	0.00521
54.45	-30.41	0.00581	53.03	-31.82	0.00623
51.62	-33.23	0.00664	50.20	-34.65	0.00703
48.79	-36.06	0.00736	36.06	-48.79	0.00482
34.65	-50.20	0.00441	33.23	-51.62	0.00403
31.82	-53.03	0.00370	30.41	-54.45	0.00341
28.28	-56.57	0.00304	24.75	-60.10	0.00255
21.21	-63.64	0.00216	14.14	-70.71	0.00160
7.07	-77.78	0.00123	0.00	-84.85	0.00097
-7.07	-91.92	0.00079	-14.14	-98.99	0.00065
-21.21	-106.07	0.00054	-28.28	-113.14	0.00046

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00043	113.14	14.14	0.00056
106.07	7.07	0.00073	98.99	0.00	0.00097
91.92	-7.07	0.00131	84.85	-14.14	0.00180
77.78	-21.21	0.00250	70.71	-28.28	0.00350
67.18	-31.82	0.00412	63.64	-35.36	0.00480
61.52	-37.48	0.00520	60.10	-38.89	0.00546
58.69	-40.31	0.00569	57.28	-41.72	0.00588
55.86	-43.13	0.00602	43.13	-55.86	0.00426
41.72	-57.28	0.00397	40.31	-58.69	0.00370
38.89	-60.10	0.00344	37.48	-61.52	0.00321
35.36	-63.64	0.00290	31.82	-67.18	0.00246
28.28	-70.71	0.00211	21.21	-77.78	0.00158
14.14	-84.85	0.00122	7.07	-91.92	0.00097
0.00	-98.99	0.00078	-7.07	-106.07	0.00065
-14.14	-113.14	0.00054	-21.21	-120.21	0.00046
127.28	14.14	0.00047	120.21	7.07	0.00060
113.14	0.00	0.00078	106.07	-7.07	0.00103
98.99	-14.14	0.00137	91.92	-21.21	0.00183
84.85	-28.28	0.00247	77.78	-35.36	0.00330
74.25	-38.89	0.00376	70.71	-42.43	0.00422
68.59	-44.55	0.00448	67.18	-45.96	0.00463
65.76	-47.38	0.00475	64.35	-48.79	0.00485
62.93	-50.20	0.00490	50.20	-62.93	0.00366
48.79	-64.35	0.00346	47.38	-65.76	0.00327
45.96	-67.18	0.00309	44.55	-68.59	0.00292
42.43	-70.71	0.00267	38.89	-74.25	0.00231
35.36	-77.78	0.00201	28.28	-84.85	0.00153
21.21	-91.92	0.00120	14.14	-98.99	0.00095
7.07	-106.07	0.00077	0.00	-113.14	0.00064
-7.07	-120.21	0.00054	-14.14	-127.28	0.00046
134.35	7.07	0.00051	127.28	0.00	0.00064
120.21	-7.07	0.00083	113.14	-14.14	0.00107
106.07	-21.21	0.00139	98.99	-28.28	0.00182
91.92	-35.36	0.00236	84.85	-42.43	0.00300
81.32	-45.96	0.00334	77.78	-49.50	0.00365
75.66	-51.62	0.00381	74.25	-53.03	0.00390
72.83	-54.45	0.00396	71.42	-55.86	0.00400
70.00	-57.28	0.00402	57.28	-70.00	0.00313
55.86	-71.42	0.00299	54.45	-72.83	0.00285

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00272 51.62 -75.66 0.00259

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

15:29:43

**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	0.00241	45.96	-81.32	0.00213
42.43	-84.85	0.00188	35.36	-91.92	0.00146
28.28	-98.99	0.00116	21.21	-106.07	0.00093
14.14	-113.14	0.00076	7.07	-120.21	0.00063
0.00	-127.28	0.00053	-7.07	-134.35	0.00045
141.42	0.00	0.00054	134.35	-7.07	0.00068
127.28	-14.14	0.00085	120.21	-21.21	0.00109
113.14	-28.28	0.00138	106.07	-35.36	0.00175
98.99	-42.43	0.00220	91.92	-49.50	0.00269
88.39	-53.03	0.00294	84.85	-56.57	0.00314
82.73	-58.69	0.00324	81.32	-60.10	0.00329
79.90	-61.52	0.00332	78.49	-62.93	0.00334
77.07	-64.35	0.00333	64.35	-77.07	0.00268
62.93	-78.49	0.00257	61.52	-79.90	0.00247
60.10	-81.32	0.00237	58.69	-82.73	0.00228
56.57	-84.85	0.00215	53.03	-88.39	0.00193
49.50	-91.92	0.00173	42.43	-98.99	0.00138
35.36	-106.07	0.00111	28.28	-113.14	0.00090
21.21	-120.21	0.00074	14.14	-127.28	0.00062
7.07	-134.35	0.00053	0.00	-141.42	0.00045
148.49	-7.07	0.00056	141.42	-14.14	0.00070
134.35	-21.21	0.00087	127.28	-28.28	0.00108
120.21	-35.36	0.00135	113.14	-42.43	0.00166
106.07	-49.50	0.00202	98.99	-56.57	0.00240
95.46	-60.10	0.00257	91.92	-63.64	0.00271
89.80	-65.76	0.00277	88.39	-67.18	0.00279
86.97	-68.59	0.00281	85.56	-70.00	0.00281
84.15	-71.42	0.00280	71.42	-84.15	0.00230
70.00	-85.56	0.00223	68.59	-86.97	0.00215
67.18	-88.39	0.00208	65.76	-89.80	0.00200
63.64	-91.92	0.00190	60.10	-95.46	0.00173
56.57	-98.99	0.00158	49.50	-106.07	0.00129
42.43	-113.14	0.00105	35.36	-120.21	0.00086

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00072	21.21	-134.35	0.00061
14.14	-141.42	0.00052	7.07	-148.49	0.00044
155.56	-14.14	0.00058	148.49	-21.21	0.00071
141.42	-28.28	0.00087	134.35	-35.36	0.00106
127.28	-42.43	0.00129	120.21	-49.50	0.00156
113.14	-56.57	0.00185	106.07	-63.64	0.00213
102.53	-67.18	0.00225	98.99	-70.71	0.00234

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

15:29:43

**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	0.00238	95.46	-74.25	0.00239
94.05	-75.66	0.00240	92.63	-77.07	0.00239
91.22	-78.49	0.00238	78.49	-91.22	0.00199
77.07	-92.63	0.00194	75.66	-94.05	0.00188
74.25	-95.46	0.00182	72.83	-96.87	0.00176
70.71	-98.99	0.00168	67.18	-102.53	0.00155
63.64	-106.07	0.00143	56.57	-113.14	0.00120
49.50	-120.21	0.00100	42.43	-127.28	0.00083
35.36	-134.35	0.00069	28.28	-141.42	0.00059
21.21	-148.49	0.00050	14.14	-155.56	0.00043
162.63	-21.21	0.00059	155.56	-28.28	0.00071
148.49	-35.36	0.00086	141.42	-42.43	0.00103
134.35	-49.50	0.00123	127.28	-56.57	0.00145
120.21	-63.64	0.00168	113.14	-70.71	0.00190
109.60	-74.25	0.00198	106.07	-77.78	0.00204
103.94	-79.90	0.00206	102.53	-81.32	0.00206
101.12	-82.73	0.00206	99.70	-84.15	0.00206
98.29	-85.56	0.00205	85.56	-98.29	0.00174
84.15	-99.70	0.00170	82.73	-101.12	0.00165
81.32	-102.53	0.00161	79.90	-103.94	0.00156
77.78	-106.07	0.00149	74.25	-109.60	0.00139
70.71	-113.14	0.00129	63.64	-120.21	0.00111
56.57	-127.28	0.00094	49.50	-134.35	0.00079
42.43	-141.42	0.00066	35.36	-148.49	0.00056
28.28	-155.56	0.00049	21.21	-162.63	0.00042
169.71	-28.28	0.00059	162.63	-35.36	0.00071
155.56	-42.43	0.00084	148.49	-49.50	0.00099

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00116	134.35	-63.64	0.00134
127.28	-70.71	0.00153	120.21	-77.78	0.00169
116.67	-81.32	0.00175	113.14	-84.85	0.00179
111.02	-86.97	0.00180	109.60	-88.39	0.00180
108.19	-89.80	0.00180	106.77	-91.22	0.00179
105.36	-92.63	0.00178	92.63	-105.36	0.00153
91.22	-106.77	0.00150	89.80	-108.19	0.00146
88.39	-109.60	0.00142	86.97	-111.02	0.00139
84.85	-113.14	0.00133	81.32	-116.67	0.00125
77.78	-120.21	0.00117	70.71	-127.28	0.00102
63.64	-134.35	0.00088	56.57	-141.42	0.00075
49.50	-148.49	0.00064	42.43	-155.56	0.00054
35.36	-162.63	0.00047	28.28	-169.71	0.00041

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

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

15:29:43

**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	0.00059	169.71	-42.43	0.00069
162.63	-49.50	0.00081	155.56	-56.57	0.00094
148.49	-63.64	0.00108	141.42	-70.71	0.00124
134.35	-77.78	0.00139	127.28	-84.85	0.00151
123.74	-88.39	0.00155	120.21	-91.92	0.00158
118.09	-94.05	0.00158	116.67	-95.46	0.00158
115.26	-96.87	0.00158	113.84	-98.29	0.00157
112.43	-99.70	0.00156	99.70	-112.43	0.00136
98.29	-113.84	0.00133	96.87	-115.26	0.00130
95.46	-116.67	0.00127	94.05	-118.09	0.00124
91.92	-120.21	0.00120	88.39	-123.74	0.00113
84.85	-127.28	0.00106	77.78	-134.35	0.00094
70.71	-141.42	0.00082	63.64	-148.49	0.00071
56.57	-155.56	0.00061	49.50	-162.63	0.00052
42.43	-169.71	0.00045	35.36	-176.78	0.00040
183.85	-42.43	0.00058	176.78	-49.50	0.00067
169.71	-56.57	0.00077	162.63	-63.64	0.00089
155.56	-70.71	0.00102	148.49	-77.78	0.00115
141.42	-84.85	0.00126	134.35	-91.92	0.00136
130.81	-95.46	0.00138	127.28	-98.99	0.00140
125.16	-101.12	0.00140	123.74	-102.53	0.00140

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00139	120.92	-105.36	0.00139
119.50	-106.77	0.00138	106.77	-119.50	0.00121
105.36	-120.92	0.00119	103.94	-122.33	0.00116
102.53	-123.74	0.00114	101.12	-125.16	0.00112
98.99	-127.28	0.00108	95.46	-130.81	0.00102
91.92	-134.35	0.00096	84.85	-141.42	0.00086
77.78	-148.49	0.00076	70.71	-155.56	0.00067
63.64	-162.63	0.00058	56.57	-169.71	0.00050
49.50	-176.78	0.00044	42.43	-183.85	0.00039
190.92	-49.50	0.00057	183.85	-56.57	0.00065
176.78	-63.64	0.00074	169.71	-70.71	0.00084
162.63	-77.78	0.00095	155.56	-84.85	0.00106
148.49	-91.92	0.00115	141.42	-98.99	0.00122
137.89	-102.53	0.00124	134.35	-106.07	0.00125
132.23	-108.19	0.00125	130.81	-109.60	0.00125
129.40	-111.02	0.00124	127.99	-112.43	0.00123
126.57	-113.84	0.00123	113.84	-126.57	0.00109
112.43	-127.99	0.00107	111.02	-129.40	0.00105
109.60	-130.81	0.00103	108.19	-132.23	0.00101

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

15:29:43

**MODELOPTs:

PAGE 79

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00098	102.53	-137.89	0.00093
98.99	-141.42	0.00088	91.92	-148.49	0.00079
84.85	-155.56	0.00071	77.78	-162.63	0.00063
70.71	-169.71	0.00055	63.64	-176.78	0.00048
56.57	-183.85	0.00042	49.50	-190.92	0.00037
197.99	-56.57	0.00055	190.92	-63.64	0.00062
183.85	-70.71	0.00071	176.78	-77.78	0.00080
169.71	-84.85	0.00089	162.63	-91.92	0.00098
155.56	-98.99	0.00105	148.49	-106.07	0.00110
144.96	-109.60	0.00112	141.42	-113.14	0.00112
139.30	-115.26	0.00112	137.89	-116.67	0.00112
136.47	-118.09	0.00111	135.06	-119.50	0.00111
133.64	-120.92	0.00110	120.92	-133.64	0.00098
119.50	-135.06	0.00097	118.09	-136.47	0.00095
116.67	-137.89	0.00093	115.26	-139.30	0.00091

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00089	109.60	-144.96	0.00085
106.07	-148.49	0.00081	98.99	-155.56	0.00073
91.92	-162.63	0.00066	84.85	-169.71	0.00059
77.78	-176.78	0.00053	70.71	-183.85	0.00046
63.64	-190.92	0.00041	56.57	-197.99	0.00036
205.06	-63.64	0.00053	197.99	-70.71	0.00060
190.92	-77.78	0.00067	183.85	-84.85	0.00075
176.78	-91.92	0.00083	169.71	-98.99	0.00090
162.63	-106.07	0.00096	155.56	-113.14	0.00100
152.03	-116.67	0.00101	148.49	-120.21	0.00101
146.37	-122.33	0.00101	144.96	-123.74	0.00101
143.54	-125.16	0.00100	142.13	-126.57	0.00100
140.71	-127.99	0.00099	127.99	-140.71	0.00089
126.57	-142.13	0.00088	125.16	-143.54	0.00086
123.74	-144.96	0.00085	122.33	-146.37	0.00083
120.21	-148.49	0.00081	116.67	-152.03	0.00078
113.14	-155.56	0.00074	106.07	-162.63	0.00068
98.99	-169.71	0.00061	91.92	-176.78	0.00056
84.85	-183.85	0.00050	77.78	-190.92	0.00044
70.71	-197.99	0.00040	63.64	-205.06	0.00035
212.13	-70.71	0.00051	205.06	-77.78	0.00058
197.99	-84.85	0.00064	190.92	-91.92	0.00071
183.85	-98.99	0.00078	176.78	-106.07	0.00084
169.71	-113.14	0.00088	162.63	-120.21	0.00091
159.10	-123.74	0.00092	155.56	-127.28	0.00092

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

15:29:43
 **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	0.00092	152.03	-130.81	0.00091
150.61	-132.23	0.00091	149.20	-133.64	0.00090
147.79	-135.06	0.00090	135.06	-147.79	0.00081
133.64	-149.20	0.00080	132.23	-150.61	0.00079
130.81	-152.03	0.00078	129.40	-153.44	0.00076
127.28	-155.56	0.00074	123.74	-159.10	0.00071
120.21	-162.63	0.00068	113.14	-169.71	0.00063
106.07	-176.78	0.00057	98.99	-183.85	0.00052
91.92	-190.92	0.00047	84.85	-197.99	0.00043

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00038	70.71	-212.13	0.00034
219.20	-77.78	0.00050	212.13	-84.85	0.00055
205.06	-91.92	0.00061	197.99	-98.99	0.00067
190.92	-106.07	0.00072	183.85	-113.14	0.00077
176.78	-120.21	0.00081	169.71	-127.28	0.00083
166.17	-130.81	0.00084	162.63	-134.35	0.00084
160.51	-136.47	0.00083	159.10	-137.89	0.00083
157.68	-139.30	0.00083	156.27	-140.71	0.00082
154.86	-142.13	0.00082	142.13	-154.86	0.00074
140.71	-156.27	0.00073	139.30	-157.68	0.00072
137.89	-159.10	0.00071	136.47	-160.51	0.00070
134.35	-162.63	0.00069	130.81	-166.17	0.00066
127.28	-169.71	0.00063	120.21	-176.78	0.00058
113.14	-183.85	0.00054	106.07	-190.92	0.00049
98.99	-197.99	0.00045	91.92	-205.06	0.00041
84.85	-212.13	0.00037	77.78	-219.20	0.00033
226.27	-84.85	0.00048	219.20	-91.92	0.00053
212.13	-98.99	0.00058	205.06	-106.07	0.00063
197.99	-113.14	0.00068	190.92	-120.21	0.00072
183.85	-127.28	0.00075	176.78	-134.35	0.00077
173.24	-137.89	0.00077	169.71	-141.42	0.00077
167.58	-143.54	0.00076	166.17	-144.96	0.00076
164.76	-146.37	0.00076	163.34	-147.79	0.00075
161.93	-149.20	0.00075	149.20	-161.93	0.00068
147.79	-163.34	0.00067	146.37	-164.76	0.00066
144.96	-166.17	0.00066	143.54	-167.58	0.00065
141.42	-169.71	0.00063	137.89	-173.24	0.00061
134.35	-176.78	0.00059	127.28	-183.85	0.00054
120.21	-190.92	0.00050	113.14	-197.99	0.00046
106.07	-205.06	0.00042	98.99	-212.13	0.00039
91.92	-219.20	0.00035	84.85	-226.27	0.00032

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

15:29:43
 **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	0.00046	226.27	-98.99	0.00050
219.20	-106.07	0.00055	212.13	-113.14	0.00059
205.06	-120.21	0.00063	197.99	-127.28	0.00067

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00069	183.85	-141.42	0.00071
180.31	-144.96	0.00071	176.78	-148.49	0.00070
174.66	-150.61	0.00070	173.24	-152.03	0.00070
171.83	-153.44	0.00069	170.41	-154.86	0.00069
169.00	-156.27	0.00069	156.27	-169.00	0.00063
154.86	-170.41	0.00062	153.44	-171.83	0.00061
152.03	-173.24	0.00061	150.61	-174.66	0.00060
148.49	-176.78	0.00059	144.96	-180.31	0.00057
141.42	-183.85	0.00054	134.35	-190.92	0.00051
127.28	-197.99	0.00047	120.21	-205.06	0.00044
113.14	-212.13	0.00040	106.07	-219.20	0.00037
98.99	-226.27	0.00034	91.92	-233.35	0.00031
240.42	-98.99	0.00044	233.35	-106.07	0.00048
226.27	-113.14	0.00052	219.20	-120.21	0.00056
212.13	-127.28	0.00060	205.06	-134.35	0.00062
197.99	-141.42	0.00064	190.92	-148.49	0.00065
187.38	-152.03	0.00065	183.85	-155.56	0.00065
181.73	-157.68	0.00065	180.31	-159.10	0.00064
178.90	-160.51	0.00064	177.48	-161.93	0.00064
176.07	-163.34	0.00063	163.34	-176.07	0.00058
161.93	-177.48	0.00058	160.51	-178.90	0.00057
159.10	-180.31	0.00056	157.68	-181.73	0.00055
155.56	-183.85	0.00054	152.03	-187.38	0.00053
148.49	-190.92	0.00051	141.42	-197.99	0.00047
134.35	-205.06	0.00044	127.28	-212.13	0.00041
120.21	-219.20	0.00038	113.14	-226.27	0.00035
106.07	-233.35	0.00032	98.99	-240.42	0.00030
247.49	-106.07	0.00042	240.42	-113.14	0.00046
233.35	-120.21	0.00050	226.27	-127.28	0.00053
219.20	-134.35	0.00056	212.13	-141.42	0.00058
205.06	-148.49	0.00060	197.99	-155.56	0.00060
194.45	-159.10	0.00060	190.92	-162.63	0.00060
188.80	-164.76	0.00060	187.38	-166.17	0.00059
185.97	-167.58	0.00059	184.55	-169.00	0.00059
183.14	-170.41	0.00059	170.41	-183.14	0.00054
169.00	-184.55	0.00053	167.58	-185.97	0.00053
166.17	-187.38	0.00052	164.76	-188.80	0.00052

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

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

15:29:43

**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 ,

18NCRA_PL93-300_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	0.00051	159.10	-194.45	0.00049
155.56	-197.99	0.00047	148.49	-205.06	0.00044
141.42	-212.13	0.00041	134.35	-219.20	0.00039
127.28	-226.27	0.00036	120.21	-233.35	0.00034
113.14	-240.42	0.00031	106.07	-247.49	0.00028

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

15:29:43
 **MODELOPTs:
 PAGE 83

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00009	-113.14	240.42	0.00010
-120.21	233.35	0.00012	-127.28	226.27	0.00014
-134.35	219.20	0.00017	-141.42	212.13	0.00020
-148.49	205.06	0.00023	-155.56	197.99	0.00026
-159.10	194.45	0.00028	-162.63	190.92	0.00029
-164.76	188.80	0.00030	-166.17	187.38	0.00030
-167.58	185.97	0.00030	-169.00	184.55	0.00031
-170.41	183.14	0.00031	-183.14	170.41	0.00033
-184.55	169.00	0.00033	-185.97	167.58	0.00034
-187.38	166.17	0.00034	-188.80	164.76	0.00034
-190.92	162.63	0.00034	-194.45	159.10	0.00035
-197.99	155.56	0.00035	-205.06	148.49	0.00035
-212.13	141.42	0.00033	-219.20	134.35	0.00031
-226.27	127.28	0.00029	-233.35	120.21	0.00027
-240.42	113.14	0.00025	-247.49	106.07	0.00023
-98.99	240.42	0.00009	-106.07	233.35	0.00011
-113.14	226.27	0.00012	-120.21	219.20	0.00015
-127.28	212.13	0.00018	-134.35	205.06	0.00021
-141.42	197.99	0.00025	-148.49	190.92	0.00029
-152.03	187.38	0.00031	-155.56	183.85	0.00032
-157.68	181.73	0.00033	-159.10	180.31	0.00034
-160.51	178.90	0.00034	-161.93	177.48	0.00035
-163.34	176.07	0.00035	-176.07	163.34	0.00038
-177.48	161.93	0.00038	-178.90	160.51	0.00038
-180.31	159.10	0.00039	-181.73	157.68	0.00039
-183.85	155.56	0.00039	-187.38	152.03	0.00040

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00040	-197.99	141.42	0.00039
-205.06	134.35	0.00037	-212.13	127.28	0.00034
-219.20	120.21	0.00032	-226.27	113.14	0.00029
-233.35	106.07	0.00027	-240.42	98.99	0.00024
-91.92	233.35	0.00009	-98.99	226.27	0.00011
-106.07	219.20	0.00013	-113.14	212.13	0.00015
-120.21	205.06	0.00019	-127.28	197.99	0.00023
-134.35	190.92	0.00027	-141.42	183.85	0.00032
-144.96	180.31	0.00035	-148.49	176.78	0.00037
-150.61	174.66	0.00038	-152.03	173.24	0.00038
-153.44	171.83	0.00039	-154.86	170.41	0.00039
-156.27	169.00	0.00040	-169.00	156.27	0.00043
-170.41	154.86	0.00044	-171.83	153.44	0.00044
-173.24	152.03	0.00044	-174.66	150.61	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 15:29:43
 **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	0.00045	-180.31	144.96	0.00045
-183.85	141.42	0.00045	-190.92	134.35	0.00043
-197.99	127.28	0.00041	-205.06	120.21	0.00038
-212.13	113.14	0.00035	-219.20	106.07	0.00032
-226.27	99.00	0.00029	-233.35	91.92	0.00026
-84.85	226.27	0.00010	-91.92	219.20	0.00011
-98.99	212.13	0.00013	-106.07	205.06	0.00016
-113.14	197.99	0.00019	-120.21	190.92	0.00024
-127.28	183.85	0.00030	-134.35	176.78	0.00036
-137.89	173.24	0.00039	-141.42	169.71	0.00041
-143.54	167.58	0.00043	-144.96	166.17	0.00044
-146.37	164.76	0.00044	-147.79	163.34	0.00045
-149.20	161.93	0.00046	-161.93	149.20	0.00050
-163.34	147.79	0.00050	-164.76	146.37	0.00051
-166.17	144.96	0.00051	-167.58	143.54	0.00052
-169.71	141.42	0.00052	-173.24	137.89	0.00052
-176.78	134.35	0.00052	-183.85	127.28	0.00049
-190.92	120.21	0.00045	-197.99	113.14	0.00042
-205.06	106.07	0.00038	-212.13	99.00	0.00034
-219.20	91.92	0.00030	-226.27	84.85	0.00027

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00010	-84.85	212.13	0.00012
-91.92	205.06	0.00014	-98.99	197.99	0.00017
-106.07	190.92	0.00020	-113.14	183.85	0.00025
-120.21	176.78	0.00032	-127.28	169.71	0.00040
-130.81	166.17	0.00044	-134.35	162.63	0.00047
-136.47	160.51	0.00049	-137.89	159.10	0.00050
-139.30	157.68	0.00051	-140.71	156.27	0.00052
-142.13	154.86	0.00053	-154.86	142.13	0.00058
-156.27	140.71	0.00059	-157.68	139.30	0.00060
-159.10	137.89	0.00060	-160.51	136.47	0.00060
-162.63	134.35	0.00061	-166.17	130.81	0.00060
-169.71	127.28	0.00059	-176.78	120.21	0.00055
-183.85	113.14	0.00051	-190.92	106.07	0.00046
-197.99	99.00	0.00041	-205.06	91.92	0.00036
-212.13	84.85	0.00032	-219.20	77.78	0.00028
-70.71	212.13	0.00010	-77.78	205.06	0.00012
-84.85	197.99	0.00014	-91.92	190.92	0.00017
-98.99	183.85	0.00021	-106.07	176.78	0.00027
-113.14	169.71	0.00034	-120.21	162.63	0.00044
-123.74	159.10	0.00049	-127.28	155.56	0.00054

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

15:29:43
 **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	0.00057	-130.81	152.03	0.00058
-132.23	150.61	0.00060	-133.64	149.20	0.00061
-135.06	147.79	0.00062	-147.79	135.06	0.00069
-149.20	133.64	0.00070	-150.61	132.23	0.00071
-152.03	130.81	0.00071	-153.44	129.40	0.00071
-155.56	127.28	0.00071	-159.10	123.74	0.00070
-162.63	120.21	0.00068	-169.71	113.14	0.00063
-176.78	106.07	0.00056	-183.85	98.99	0.00050
-190.92	91.92	0.00044	-197.99	84.85	0.00038
-205.06	77.78	0.00033	-212.13	70.71	0.00028
-63.64	205.06	0.00011	-70.71	197.99	0.00013
-77.78	190.92	0.00015	-84.85	183.85	0.00018
-91.92	176.78	0.00022	-98.99	169.71	0.00028
-106.07	162.63	0.00037	-113.14	155.56	0.00048

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00055	-120.21	148.49	0.00062
-122.33	146.37	0.00066	-123.74	144.96	0.00068
-125.16	143.54	0.00070	-126.57	142.13	0.00072
-127.99	140.71	0.00074	-140.71	127.99	0.00083
-142.13	126.57	0.00084	-143.54	125.16	0.00085
-144.96	123.74	0.00085	-146.37	122.33	0.00085
-148.49	120.21	0.00084	-152.03	116.67	0.00082
-155.56	113.14	0.00079	-162.63	106.07	0.00071
-169.71	98.99	0.00062	-176.78	91.92	0.00054
-183.85	84.85	0.00046	-190.92	77.78	0.00039
-197.99	70.71	0.00033	-205.06	63.64	0.00028
-56.57	197.99	0.00012	-63.64	190.92	0.00013
-70.71	183.85	0.00016	-77.78	176.78	0.00019
-84.85	169.71	0.00023	-91.92	162.63	0.00030
-98.99	155.56	0.00039	-106.07	148.49	0.00052
-109.60	144.96	0.00061	-113.14	141.42	0.00070
-115.26	139.30	0.00076	-116.67	137.89	0.00080
-118.09	136.47	0.00083	-119.50	135.06	0.00086
-120.92	133.64	0.00089	-133.64	120.92	0.00102
-135.06	119.50	0.00103	-136.47	118.09	0.00103
-137.89	116.67	0.00103	-139.30	115.26	0.00102
-141.42	113.14	0.00101	-144.96	109.60	0.00096
-148.49	106.07	0.00091	-155.56	98.99	0.00080
-162.63	91.92	0.00068	-169.71	84.85	0.00057
-176.78	77.78	0.00048	-183.85	70.71	0.00040
-190.92	63.64	0.00033	-197.99	56.57	0.00028

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

15:29:43
 **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	0.00012	-56.57	183.85	0.00014
-63.64	176.78	0.00017	-70.71	169.71	0.00020
-77.78	162.63	0.00024	-84.85	155.56	0.00031
-91.92	148.49	0.00041	-98.99	141.42	0.00057
-102.53	137.89	0.00067	-106.07	134.35	0.00079
-108.19	132.23	0.00087	-109.60	130.81	0.00093
-111.02	129.40	0.00098	-112.43	127.99	0.00103
-113.84	126.57	0.00108	-126.57	113.84	0.00127

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00127	-129.40	111.02	0.00126
-130.81	109.60	0.00125	-132.23	108.19	0.00123
-134.35	106.07	0.00120	-137.89	102.53	0.00113
-141.42	98.99	0.00105	-148.49	91.92	0.00088
-155.56	84.85	0.00072	-162.63	77.78	0.00059
-169.71	70.71	0.00049	-176.78	63.64	0.00040
-183.85	56.57	0.00034	-190.92	49.50	0.00028
-42.43	183.85	0.00013	-49.50	176.78	0.00015
-56.57	169.71	0.00018	-63.64	162.63	0.00021
-70.71	155.56	0.00026	-77.78	148.49	0.00033
-84.85	141.42	0.00044	-91.92	134.35	0.00061
-95.46	130.81	0.00073	-98.99	127.28	0.00088
-101.12	125.16	0.00099	-102.53	123.74	0.00107
-103.94	122.33	0.00115	-105.36	120.92	0.00123
-106.77	119.50	0.00131	-119.50	106.77	0.00159
-120.92	105.36	0.00157	-122.33	103.94	0.00155
-123.74	102.53	0.00152	-125.16	101.12	0.00148
-127.28	98.99	0.00142	-130.81	95.46	0.00130
-134.35	91.92	0.00117	-141.42	84.85	0.00094
-148.49	77.78	0.00075	-155.56	70.71	0.00061
-162.63	63.64	0.00049	-169.71	56.57	0.00041
-176.78	49.50	0.00034	-183.85	42.43	0.00028
-35.36	176.78	0.00014	-42.43	169.71	0.00016
-49.50	162.63	0.00019	-56.57	155.56	0.00023
-63.64	148.49	0.00028	-70.71	141.42	0.00036
-77.78	134.35	0.00047	-84.85	127.28	0.00065
-88.39	123.74	0.00079	-91.92	120.21	0.00096
-94.05	118.09	0.00110	-95.46	116.67	0.00120
-96.87	115.26	0.00131	-98.29	113.84	0.00144
-99.70	112.43	0.00156	-112.43	99.70	0.00199
-113.84	98.29	0.00194	-115.26	96.87	0.00187
-116.67	95.46	0.00180	-118.09	94.05	0.00172

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

15:29:43
 **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	0.00160	-123.74	88.39	0.00141
-127.28	84.85	0.00124	-134.35	77.78	0.00097

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00077	-148.49	63.64	0.00062
-155.56	56.57	0.00050	-162.63	49.50	0.00041
-169.71	42.43	0.00034	-176.78	35.36	0.00028
-28.28	169.71	0.00015	-35.36	162.63	0.00017
-42.43	155.56	0.00021	-49.50	148.49	0.00025
-56.57	141.42	0.00031	-63.64	134.35	0.00039
-70.71	127.28	0.00051	-77.78	120.21	0.00072
-81.32	116.67	0.00087	-84.85	113.14	0.00107
-86.97	111.02	0.00122	-88.39	109.60	0.00133
-89.80	108.19	0.00147	-91.22	106.77	0.00162
-92.63	105.36	0.00180	-105.36	92.63	0.00236
-106.77	91.22	0.00222	-108.19	89.80	0.00208
-109.60	88.39	0.00196	-111.02	86.97	0.00185
-113.14	84.85	0.00169	-116.67	81.32	0.00147
-120.21	77.78	0.00128	-127.28	70.71	0.00099
-134.35	63.64	0.00078	-141.42	56.57	0.00062
-148.49	49.50	0.00050	-155.56	42.43	0.00040
-162.63	35.36	0.00033	-169.71	28.28	0.00028
-21.21	162.63	0.00016	-28.28	155.56	0.00019
-35.36	148.49	0.00022	-42.43	141.42	0.00027
-49.50	134.35	0.00033	-56.57	127.28	0.00042
-63.64	120.21	0.00056	-70.71	113.14	0.00079
-74.25	109.60	0.00097	-77.78	106.07	0.00120
-79.90	103.94	0.00138	-81.32	102.53	0.00152
-82.73	101.12	0.00169	-84.15	99.70	0.00190
-85.56	98.29	0.00217	-98.29	85.56	0.00264
-99.70	84.15	0.00242	-101.12	82.73	0.00225
-102.53	81.32	0.00210	-103.94	79.90	0.00196
-106.07	77.78	0.00178	-109.60	74.25	0.00153
-113.14	70.71	0.00133	-120.21	63.64	0.00102
-127.28	56.57	0.00079	-134.35	49.50	0.00062
-141.42	42.43	0.00050	-148.49	35.36	0.00041
-155.56	28.28	0.00034	-162.63	21.21	0.00028
-14.14	155.56	0.00017	-21.21	148.49	0.00020
-28.28	141.42	0.00024	-35.36	134.35	0.00029
-42.43	127.28	0.00036	-49.50	120.21	0.00047
-56.57	113.14	0.00063	-63.64	106.07	0.00092
-67.18	102.53	0.00115	-70.71	98.99	0.00150

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

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

15:29:43
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

18NCRA PL93-300 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	0.00181	-74.25	95.46	0.00207	
-75.66	94.05	0.00241	-77.07	92.63	0.00286	
-78.49	91.22	0.00346	-91.22	78.49	0.00317	
-92.63	77.07	0.00281	-94.05	75.66	0.00255	
-95.46	74.25	0.00234	-96.87	72.83	0.00216	
-98.99	70.71	0.00194	-102.53	67.18	0.00164	
-106.07	63.64	0.00141	-113.14	56.57	0.00107	
-120.21	49.50	0.00083	-127.28	42.43	0.00065	
-134.35	35.36	0.00052	-141.42	28.28	0.00042	
-148.49	21.21	0.00035	-155.56	14.14	0.00029	
-7.07	148.49	0.00018	-14.14	141.42	0.00021	
-21.21	134.35	0.00026	-28.28	127.28	0.00032	
-35.36	120.21	0.00041	-42.43	113.14	0.00054	
-49.50	106.07	0.00075	-56.57	98.99	0.00116	
-60.10	95.46	0.00152	-63.64	91.92	0.00209	
-65.76	89.80	0.00259	-67.18	88.39	0.00301	
-68.59	86.97	0.00353	-70.00	85.56	0.00415	
-71.42	84.15	0.00494	-84.15	71.42	0.00383	
-85.56	70.00	0.00333	-86.97	68.59	0.00295	
-88.39	67.18	0.00266	-89.80	65.76	0.00242	
-91.92	63.64	0.00214	-95.46	60.10	0.00178	
-98.99	56.57	0.00151	-106.07	49.50	0.00113	
-113.14	42.43	0.00086	-120.21	35.36	0.00068	
-127.28	28.28	0.00054	-134.35	21.21	0.00044	
-141.42	14.14	0.00037	-148.49	7.07	0.00031	
0.00	141.42	0.00019	-7.07	134.35	0.00023	
-14.14	127.28	0.00029	-21.21	120.21	0.00036	
-28.28	113.14	0.00047	-35.36	106.07	0.00063	
-42.43	98.99	0.00093	-49.50	91.92	0.00152	
-53.03	88.39	0.00203	-56.57	84.85	0.00279	
-58.69	82.73	0.00343	-60.10	81.32	0.00394	
-61.52	79.90	0.00456	-62.93	78.49	0.00528	
-64.35	77.07	0.00615	-77.07	64.35	0.00445	
-78.49	62.93	0.00385	-79.90	61.52	0.00339	
-81.32	60.10	0.00302	-82.73	58.69	0.00272	
-84.85	56.57	0.00236	-88.39	53.03	0.00193	
-91.92	49.50	0.00162	-98.99	42.43	0.00118	
-106.07	35.36	0.00090	-113.14	28.28	0.00071	
-120.21	21.21	0.00057	-127.28	14.14	0.00047	
-134.35	7.07	0.00039	-141.42	0.00	0.00033	

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

*** NCRA Cumulative DPM Impacts

15:29:43

**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	0.00021	0.00	127.28	0.00026
-7.07	120.21	0.00032	-14.14	113.14	0.00041
-21.21	106.07	0.00055	-28.28	98.99	0.00077
-35.36	91.92	0.00117	-42.43	84.85	0.00193
-45.96	81.32	0.00256	-49.50	77.78	0.00345
-51.62	75.66	0.00416	-53.03	74.25	0.00473
-54.45	72.83	0.00539	-55.86	71.42	0.00615
-57.28	70.00	0.00705	-70.00	57.28	0.00493
-71.42	55.86	0.00427	-72.83	54.45	0.00375
-74.25	53.03	0.00333	-75.66	51.62	0.00299
-77.78	49.50	0.00258	-81.32	45.96	0.00207
-84.85	42.43	0.00171	-91.92	35.36	0.00124
-98.99	28.28	0.00094	-106.07	21.21	0.00074
-113.14	14.14	0.00060	-120.21	7.07	0.00050
-127.28	0.00	0.00042	-134.35	-7.07	0.00036
14.14	127.28	0.00023	7.07	120.21	0.00029
0.00	113.14	0.00036	-7.07	106.07	0.00047
-14.14	98.99	0.00065	-21.21	91.92	0.00094
-28.28	84.85	0.00144	-35.36	77.78	0.00234
-38.89	74.25	0.00304	-42.43	70.71	0.00401
-44.55	68.59	0.00476	-45.96	67.18	0.00534
-47.38	65.76	0.00602	-48.79	64.35	0.00678
-50.20	62.93	0.00768	-62.93	50.20	0.00525
-64.35	48.79	0.00455	-65.76	47.38	0.00400
-67.18	45.96	0.00355	-68.59	44.55	0.00318
-70.71	42.43	0.00273	-74.25	38.89	0.00218
-77.78	35.36	0.00179	-84.85	28.28	0.00130
-91.92	21.21	0.00100	-98.99	14.14	0.00079
-106.07	7.07	0.00064	-113.14	0.00	0.00053
-120.21	-7.07	0.00044	-127.28	-14.14	0.00038
21.21	120.21	0.00026	14.14	113.14	0.00032
7.07	106.07	0.00041	0.00	98.99	0.00055
-7.07	91.92	0.00076	-14.14	84.85	0.00111
-21.21	77.78	0.00170	-28.28	70.71	0.00270

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00346	-35.36	63.64	0.00447
-37.48	61.52	0.00523	-38.89	60.10	0.00582
-40.31	58.69	0.00647	-41.72	57.28	0.00722
-43.13	55.86	0.00809	-55.86	43.13	0.00539
-57.28	41.72	0.00467	-58.69	40.31	0.00411
-60.10	38.89	0.00366	-61.52	37.48	0.00328

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

15:29:43
 **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	0.00283	-67.18	31.82	0.00227
-70.71	28.28	0.00188	-77.78	21.21	0.00137
-84.85	14.14	0.00106	-91.92	7.07	0.00084
-98.99	0.00	0.00068	-106.07	-7.07	0.00056
-113.14	-14.14	0.00047	-120.21	-21.21	0.00039
28.28	113.14	0.00028	21.21	106.07	0.00036
14.14	98.99	0.00047	7.07	91.92	0.00063
0.00	84.85	0.00089	-7.07	77.78	0.00129
-14.14	70.71	0.00194	-21.21	63.64	0.00302
-24.75	60.10	0.00381	-28.28	56.57	0.00484
-30.41	54.45	0.00560	-31.82	53.03	0.00617
-33.23	51.62	0.00680	-34.65	50.20	0.00752
-36.06	48.79	0.00834	-48.79	36.06	0.00537
-50.20	34.65	0.00466	-51.62	33.23	0.00412
-53.03	31.82	0.00369	-54.45	30.41	0.00333
-56.57	28.28	0.00290	-60.10	24.75	0.00237
-63.64	21.21	0.00199	-70.71	14.14	0.00146
-77.78	7.07	0.00113	-84.85	0.00	0.00089
-91.92	-7.07	0.00072	-98.99	-14.14	0.00059
-106.07	-21.21	0.00049	-113.14	-28.28	0.00041
35.36	106.07	0.00031	28.28	98.99	0.00040
21.21	91.92	0.00053	14.14	84.85	0.00072
7.07	77.78	0.00101	0.00	70.71	0.00145
-7.07	63.64	0.00215	-14.14	56.57	0.00327
-17.68	53.03	0.00408	-21.21	49.50	0.00511
-23.33	47.38	0.00586	-24.75	45.96	0.00642
-26.16	44.55	0.00704	-27.58	43.13	0.00773
-28.99	41.72	0.00850	-41.72	28.99	0.00529

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00465	-44.55	26.16	0.00416
-45.96	24.75	0.00376	-47.38	23.33	0.00343
-49.50	21.21	0.00302	-53.03	17.68	0.00249
-56.57	14.14	0.00209	-63.64	7.07	0.00154
-70.71	0.00	0.00118	-77.78	-7.07	0.00094
-84.85	-14.14	0.00076	-91.92	-21.21	0.00062
-98.99	-28.28	0.00052	-106.07	-35.36	0.00044
42.43	98.99	0.00035	35.36	91.92	0.00045
28.28	84.85	0.00060	21.21	77.78	0.00081
14.14	70.71	0.00113	7.07	63.64	0.00160
0.00	56.57	0.00232	-7.07	49.50	0.00346
-10.61	45.96	0.00426	-14.14	42.43	0.00527

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

15:29:43
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00600	-17.68	38.89	0.00654
-19.09	37.48	0.00712	-20.51	36.06	0.00776
-21.92	34.65	0.00844	-34.65	21.92	0.00523
-36.06	20.51	0.00466	-37.48	19.09	0.00419
-38.89	17.68	0.00381	-40.31	16.26	0.00349
-42.43	14.14	0.00309	-45.96	10.61	0.00256
-49.50	7.07	0.00216	-56.57	0.00	0.00160
-63.64	-7.07	0.00123	-70.71	-14.14	0.00097
-77.78	-21.21	0.00078	-84.85	-28.28	0.00064
-91.92	-35.36	0.00054	-98.99	-42.43	0.00045
49.50	91.92	0.00039	42.43	84.85	0.00051
35.36	77.78	0.00067	28.28	70.71	0.00090
21.21	63.64	0.00123	14.14	56.57	0.00172
7.07	49.50	0.00245	0.00	42.43	0.00356
-3.54	38.89	0.00431	-7.07	35.36	0.00521
-9.19	33.23	0.00581	-10.61	31.82	0.00623
-12.02	30.41	0.00664	-13.44	28.99	0.00703
-14.85	27.58	0.00736	-27.58	14.85	0.00482
-28.99	13.44	0.00441	-30.41	12.02	0.00403
-31.82	10.61	0.00370	-33.23	9.19	0.00341
-35.36	7.07	0.00304	-38.89	3.54	0.00255
-42.43	0.00	0.00216	-49.50	-7.07	0.00160

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00123	-63.64	-21.21	0.00097
-70.71	-28.28	0.00079	-77.78	-35.36	0.00065
-84.85	-42.43	0.00054	-91.92	-49.50	0.00046
56.57	84.85	0.00043	49.50	77.78	0.00056
42.43	70.71	0.00073	35.36	63.64	0.00097
28.28	56.57	0.00131	21.21	49.50	0.00180
14.14	42.43	0.00250	7.07	35.36	0.00350
3.54	31.82	0.00412	0.00	28.28	0.00480
-2.12	26.16	0.00520	-3.54	24.75	0.00546
-4.95	23.33	0.00569	-6.36	21.92	0.00588
-7.78	20.51	0.00602	-20.51	7.78	0.00426
-21.92	6.36	0.00397	-23.33	4.95	0.00370
-24.75	3.54	0.00344	-26.16	2.12	0.00321
-28.28	0.00	0.00290	-31.82	-3.54	0.00246
-35.36	-7.07	0.00211	-42.43	-14.14	0.00158
-49.50	-21.21	0.00122	-56.57	-28.28	0.00097
-63.64	-35.36	0.00078	-70.71	-42.43	0.00065
-77.78	-49.50	0.00054	-84.85	-56.57	0.00046

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

15:29:43
 **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	0.00047	56.57	70.71	0.00060
49.50	63.64	0.00078	42.43	56.57	0.00103
35.36	49.50	0.00136	28.28	42.43	0.00183
21.21	35.36	0.00247	14.14	28.28	0.00330
10.61	24.75	0.00376	7.07	21.21	0.00422
4.95	19.09	0.00448	3.54	17.68	0.00463
2.12	16.26	0.00475	0.71	14.85	0.00485
-0.71	13.44	0.00490	-13.44	0.71	0.00366
-14.85	-0.71	0.00346	-16.26	-2.12	0.00327
-17.68	-3.54	0.00309	-19.09	-4.95	0.00292
-21.21	-7.07	0.00267	-24.75	-10.61	0.00231
-28.28	-14.14	0.00201	-35.36	-21.21	0.00153
-42.43	-28.28	0.00120	-49.50	-35.36	0.00095
-56.57	-42.43	0.00077	-63.64	-49.50	0.00064
-70.71	-56.57	0.00054	-77.78	-63.64	0.00046
70.71	70.71	0.00051	63.64	63.64	0.00064

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00083	49.50	49.50	0.00107
42.43	42.43	0.00139	35.36	35.36	0.00182
28.28	28.28	0.00236	21.21	21.21	0.00300
17.68	17.68	0.00334	14.14	14.14	0.00365
12.02	12.02	0.00381	10.61	10.61	0.00390
9.19	9.19	0.00396	7.78	7.78	0.00400
6.36	6.36	0.00402	-6.36	-6.36	0.00313
-7.78	-7.78	0.00299	-9.19	-9.19	0.00285
-10.61	-10.61	0.00272	-12.02	-12.02	0.00259
-14.14	-14.14	0.00241	-17.68	-17.68	0.00213
-21.21	-21.21	0.00188	-28.28	-28.28	0.00146
-35.36	-35.36	0.00116	-42.43	-42.43	0.00093
-49.50	-49.50	0.00076	-56.57	-56.57	0.00063
-63.64	-63.64	0.00053	-70.71	-70.71	0.00045
77.78	63.64	0.00054	70.71	56.57	0.00068
63.64	49.50	0.00085	56.57	42.43	0.00109
49.50	35.36	0.00138	42.43	28.28	0.00175
35.36	21.21	0.00220	28.28	14.14	0.00269
24.75	10.61	0.00294	21.21	7.07	0.00314
19.09	4.95	0.00324	17.68	3.54	0.00329
16.26	2.12	0.00332	14.85	0.71	0.00334
13.44	-0.71	0.00333	0.71	-13.44	0.00267
-0.71	-14.85	0.00257	-2.12	-16.26	0.00247
-3.54	-17.68	0.00237	-4.95	-19.09	0.00228

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

15:29:43
 **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	0.00215	-10.61	-24.75	0.00193	
-14.14	-28.28	0.00173	-21.21	-35.36	0.00138	
-28.28	-42.43	0.00111	-35.36	-49.50	0.00090	
-42.43	-56.57	0.00074	-49.50	-63.64	0.00062	
-56.57	-70.71	0.00053	-63.64	-77.78	0.00045	
84.85	56.57	0.00056	77.78	49.50	0.00070	
70.71	42.43	0.00087	63.64	35.36	0.00108	
56.57	28.28	0.00135	49.50	21.21	0.00166	
42.43	14.14	0.00202	35.36	7.07	0.00240	
31.82	3.54	0.00257	28.28	0.00	0.00271	

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00277	24.75	-3.54	0.00279
23.33	-4.95	0.00281	21.92	-6.36	0.00281
20.51	-7.78	0.00280	7.78	-20.51	0.00230
6.36	-21.92	0.00223	4.95	-23.33	0.00215
3.54	-24.75	0.00208	2.12	-26.16	0.00200
0.00	-28.28	0.00190	-3.54	-31.82	0.00173
-7.07	-35.36	0.00158	-14.14	-42.43	0.00129
-21.21	-49.50	0.00105	-28.28	-56.57	0.00086
-35.36	-63.64	0.00072	-42.43	-70.71	0.00061
-49.50	-77.78	0.00052	-56.57	-84.85	0.00044
91.92	49.50	0.00058	84.85	42.43	0.00071
77.78	35.36	0.00087	70.71	28.28	0.00106
63.64	21.21	0.00129	56.57	14.14	0.00156
49.50	7.07	0.00185	42.43	0.00	0.00213
38.89	-3.54	0.00225	35.36	-7.07	0.00234
33.23	-9.19	0.00238	31.82	-10.61	0.00239
30.41	-12.02	0.00240	28.99	-13.44	0.00239
27.58	-14.85	0.00238	14.85	-27.58	0.00199
13.44	-28.99	0.00194	12.02	-30.41	0.00188
10.61	-31.82	0.00182	9.19	-33.23	0.00176
7.07	-35.36	0.00168	3.54	-38.89	0.00155
0.00	-42.43	0.00143	-7.07	-49.50	0.00120
-14.14	-56.57	0.00100	-21.21	-63.64	0.00083
-28.28	-70.71	0.00069	-35.36	-77.78	0.00059
-42.43	-84.85	0.00050	-49.50	-91.92	0.00043
98.99	42.43	0.00059	91.92	35.36	0.00071
84.85	28.28	0.00086	77.78	21.21	0.00103
70.71	14.14	0.00123	63.64	7.07	0.00145
56.57	0.00	0.00168	49.50	-7.07	0.00190
45.96	-10.61	0.00198	42.43	-14.14	0.00204

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

15:29:43
 **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	0.00206	38.89	-17.68	0.00206
37.48	-19.09	0.00206	36.06	-20.51	0.00206
34.65	-21.92	0.00205	21.92	-34.65	0.00174
20.51	-36.06	0.00170	19.09	-37.48	0.00165

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00161	16.26	-40.31	0.00156
14.14	-42.43	0.00149	10.61	-45.96	0.00139
7.07	-49.50	0.00129	0.00	-56.57	0.00111
-7.07	-63.64	0.00094	-14.14	-70.71	0.00079
-21.21	-77.78	0.00066	-28.28	-84.85	0.00056
-35.36	-91.92	0.00049	-42.43	-98.99	0.00042
106.07	35.36	0.00059	98.99	28.28	0.00071
91.92	21.21	0.00084	84.85	14.14	0.00099
77.78	7.07	0.00116	70.71	0.00	0.00134
63.64	-7.07	0.00153	56.57	-14.14	0.00169
53.03	-17.68	0.00175	49.50	-21.21	0.00179
47.38	-23.33	0.00180	45.96	-24.75	0.00180
44.55	-26.16	0.00180	43.13	-27.58	0.00179
41.72	-28.99	0.00178	28.99	-41.72	0.00153
27.58	-43.13	0.00150	26.16	-44.55	0.00146
24.75	-45.96	0.00142	23.33	-47.38	0.00139
21.21	-49.50	0.00133	17.68	-53.03	0.00125
14.14	-56.57	0.00117	7.07	-63.64	0.00102
0.00	-70.71	0.00088	-7.07	-77.78	0.00075
-14.14	-84.85	0.00064	-21.21	-91.92	0.00054
-28.28	-98.99	0.00047	-35.36	-106.07	0.00041
113.14	28.28	0.00059	106.07	21.21	0.00069
98.99	14.14	0.00081	91.92	7.07	0.00094
84.85	0.00	0.00108	77.78	-7.07	0.00124
70.71	-14.14	0.00139	63.64	-21.21	0.00151
60.10	-24.75	0.00155	56.57	-28.28	0.00158
54.45	-30.41	0.00158	53.03	-31.82	0.00158
51.62	-33.23	0.00158	50.20	-34.65	0.00157
48.79	-36.06	0.00156	36.06	-48.79	0.00136
34.65	-50.20	0.00133	33.23	-51.62	0.00130
31.82	-53.03	0.00127	30.41	-54.45	0.00124
28.28	-56.57	0.00120	24.75	-60.10	0.00113
21.21	-63.64	0.00106	14.14	-70.71	0.00094
7.07	-77.78	0.00082	0.00	-84.85	0.00071
-7.07	-91.92	0.00061	-14.14	-98.99	0.00052
-21.21	-106.07	0.00045	-28.28	-113.14	0.00040

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

15:29:43
 **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 ***

18NCRA_PL93-300_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	0.00058	113.14	14.14	0.00067
106.07	7.07	0.00077	98.99	0.00	0.00089
91.92	-7.07	0.00102	84.85	-14.14	0.00115
77.78	-21.21	0.00126	70.71	-28.28	0.00136
67.18	-31.82	0.00138	63.64	-35.36	0.00140
61.52	-37.48	0.00140	60.10	-38.89	0.00140
58.69	-40.31	0.00139	57.28	-41.72	0.00139
55.86	-43.13	0.00138	43.13	-55.86	0.00121
41.72	-57.28	0.00119	40.31	-58.69	0.00116
38.89	-60.10	0.00114	37.48	-61.52	0.00112
35.36	-63.64	0.00108	31.82	-67.18	0.00102
28.28	-70.71	0.00096	21.21	-77.78	0.00086
14.14	-84.85	0.00076	7.07	-91.92	0.00067
0.00	-98.99	0.00058	-7.07	-106.07	0.00050
-14.14	-113.14	0.00044	-21.21	-120.21	0.00039
127.28	14.14	0.00057	120.21	7.07	0.00065
113.14	0.00	0.00074	106.07	-7.07	0.00084
98.99	-14.14	0.00095	91.92	-21.21	0.00106
84.85	-28.28	0.00115	77.78	-35.36	0.00122
74.25	-38.89	0.00124	70.71	-42.43	0.00125
68.59	-44.55	0.00125	67.18	-45.96	0.00125
65.76	-47.38	0.00124	64.35	-48.79	0.00123
62.93	-50.20	0.00123	50.20	-62.93	0.00109
48.79	-64.35	0.00107	47.38	-65.76	0.00105
45.96	-67.18	0.00103	44.55	-68.59	0.00101
42.43	-70.71	0.00098	38.89	-74.25	0.00093
35.36	-77.78	0.00088	28.28	-84.85	0.00079
21.21	-91.92	0.00071	14.14	-98.99	0.00063
7.07	-106.07	0.00055	0.00	-113.14	0.00048
-7.07	-120.21	0.00042	-14.14	-127.28	0.00037
134.35	7.07	0.00055	127.28	0.00	0.00062
120.21	-7.07	0.00071	113.14	-14.14	0.00080
106.07	-21.21	0.00089	98.99	-28.28	0.00098
91.92	-35.36	0.00105	84.85	-42.43	0.00110
81.32	-45.96	0.00112	77.78	-49.50	0.00112
75.66	-51.62	0.00112	74.25	-53.03	0.00112
72.83	-54.45	0.00111	71.42	-55.86	0.00111
70.00	-57.28	0.00110	57.28	-70.00	0.00098
55.86	-71.42	0.00097	54.45	-72.83	0.00095
53.03	-74.25	0.00093	51.62	-75.66	0.00091

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

*** NCRA Cumulative DPM Impacts

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

15:29:43
 **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	0.00089	45.96	-81.32	0.00085	
42.43	-84.85	0.00081	35.36	-91.92	0.00073	
28.28	-98.99	0.00066	21.21	-106.07	0.00059	
14.14	-113.14	0.00053	7.07	-120.21	0.00046	
0.00	-127.28	0.00041	-7.07	-134.35	0.00036	
141.42	0.00	0.00053	134.35	-7.07	0.00060	
127.28	-14.14	0.00067	120.21	-21.21	0.00075	
113.14	-28.28	0.00083	106.07	-35.36	0.00090	
98.99	-42.43	0.00096	91.92	-49.50	0.00100	
88.39	-53.03	0.00101	84.85	-56.57	0.00101	
82.73	-58.69	0.00101	81.32	-60.10	0.00101	
79.90	-61.52	0.00100	78.49	-62.93	0.00100	
77.07	-64.35	0.00099	64.35	-77.07	0.00089	
62.93	-78.49	0.00088	61.52	-79.90	0.00086	
60.10	-81.32	0.00085	58.69	-82.73	0.00083	
56.57	-84.85	0.00081	53.03	-88.39	0.00078	
49.50	-91.92	0.00074	42.43	-98.99	0.00068	
35.36	-106.07	0.00061	28.28	-113.14	0.00056	
21.21	-120.21	0.00050	14.14	-127.28	0.00044	
7.07	-134.35	0.00040	0.00	-141.42	0.00035	
148.49	-7.07	0.00051	141.42	-14.14	0.00058	
134.35	-21.21	0.00064	127.28	-28.28	0.00071	
120.21	-35.36	0.00078	113.14	-42.43	0.00084	
106.07	-49.50	0.00088	98.99	-56.57	0.00091	
95.46	-60.10	0.00092	91.92	-63.64	0.00092	
89.80	-65.76	0.00092	88.39	-67.18	0.00091	
86.97	-68.59	0.00091	85.56	-70.00	0.00090	
84.15	-71.42	0.00090	71.42	-84.15	0.00081	
70.00	-85.56	0.00080	68.59	-86.97	0.00079	
67.18	-88.39	0.00078	65.76	-89.80	0.00076	
63.64	-91.92	0.00074	60.10	-95.46	0.00071	
56.57	-98.99	0.00068	49.50	-106.07	0.00063	
42.43	-113.14	0.00057	35.36	-120.21	0.00052	
28.28	-127.28	0.00047	21.21	-134.35	0.00043	
14.14	-141.42	0.00038	7.07	-148.49	0.00034	
155.56	-14.14	0.00050	148.49	-21.21	0.00055	

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00061	134.35	-35.36	0.00067
127.28	-42.43	0.00072	120.21	-49.50	0.00077
113.14	-56.57	0.00081	106.07	-63.64	0.00083
102.53	-67.18	0.00084	98.99	-70.71	0.00084

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

15:29:43
 **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	0.00083	95.46	-74.25	0.00083
94.05	-75.66	0.00083	92.63	-77.07	0.00082
91.22	-78.49	0.00082	78.49	-91.22	0.00074
77.07	-92.63	0.00073	75.66	-94.05	0.00072
74.25	-95.46	0.00071	72.83	-96.87	0.00070
70.71	-98.99	0.00069	67.18	-102.53	0.00066
63.64	-106.07	0.00063	56.57	-113.14	0.00058
49.50	-120.21	0.00054	42.43	-127.28	0.00049
35.36	-134.35	0.00045	28.28	-141.42	0.00041
21.21	-148.49	0.00037	14.14	-155.56	0.00033
162.63	-21.21	0.00048	155.56	-28.28	0.00053
148.49	-35.36	0.00058	141.42	-42.43	0.00063
134.35	-49.50	0.00068	127.28	-56.57	0.00072
120.21	-63.64	0.00075	113.14	-70.71	0.00077
109.60	-74.25	0.00077	106.07	-77.78	0.00077
103.94	-79.90	0.00076	102.53	-81.32	0.00076
101.12	-82.73	0.00076	99.70	-84.15	0.00075
98.29	-85.56	0.00075	85.56	-98.29	0.00068
84.15	-99.70	0.00067	82.73	-101.12	0.00066
81.32	-102.53	0.00066	79.90	-103.94	0.00065
77.78	-106.07	0.00063	74.25	-109.60	0.00061
70.71	-113.14	0.00059	63.64	-120.21	0.00054
56.57	-127.28	0.00050	49.50	-134.35	0.00046
42.43	-141.42	0.00042	35.36	-148.49	0.00039
28.28	-155.56	0.00035	21.21	-162.63	0.00032
169.71	-28.28	0.00046	162.63	-35.36	0.00050
155.56	-42.43	0.00055	148.49	-49.50	0.00059
141.42	-56.57	0.00063	134.35	-63.64	0.00067
127.28	-70.71	0.00069	120.21	-77.78	0.00071
116.67	-81.32	0.00071	113.14	-84.85	0.00070

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00070	109.60	-88.39	0.00070
108.19	-89.80	0.00069	106.77	-91.22	0.00069
105.36	-92.63	0.00069	92.63	-105.36	0.00063
91.22	-106.77	0.00062	89.80	-108.19	0.00061
88.39	-109.60	0.00061	86.97	-111.02	0.00060
84.85	-113.14	0.00059	81.32	-116.67	0.00057
77.78	-120.21	0.00054	70.71	-127.28	0.00051
63.64	-134.35	0.00047	56.57	-141.42	0.00044
49.50	-148.49	0.00040	42.43	-155.56	0.00037
35.36	-162.63	0.00034	28.28	-169.71	0.00031

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

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

15:29:43

**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	0.00044	169.71	-42.43	0.00048
162.63	-49.50	0.00052	155.56	-56.57	0.00056
148.49	-63.64	0.00060	141.42	-70.71	0.00062
134.35	-77.78	0.00064	127.28	-84.85	0.00065
123.74	-88.39	0.00065	120.21	-91.92	0.00065
118.09	-94.05	0.00065	116.67	-95.46	0.00064
115.26	-96.87	0.00064	113.84	-98.29	0.00064
112.43	-99.70	0.00063	99.70	-112.43	0.00058
98.29	-113.84	0.00058	96.87	-115.26	0.00057
95.46	-116.67	0.00056	94.05	-118.09	0.00055
91.92	-120.21	0.00054	88.39	-123.74	0.00053
84.85	-127.28	0.00051	77.78	-134.35	0.00047
70.71	-141.42	0.00044	63.64	-148.49	0.00041
56.57	-155.56	0.00038	49.50	-162.63	0.00035
42.43	-169.71	0.00032	35.36	-176.78	0.00030
183.85	-42.43	0.00042	176.78	-49.50	0.00046
169.71	-56.57	0.00050	162.63	-63.64	0.00053
155.56	-70.71	0.00056	148.49	-77.78	0.00058
141.42	-84.85	0.00060	134.35	-91.92	0.00060
130.81	-95.46	0.00060	127.28	-98.99	0.00060
125.16	-101.12	0.00060	123.74	-102.53	0.00059
122.33	-103.94	0.00059	120.92	-105.36	0.00059
119.50	-106.77	0.00059	106.77	-119.50	0.00054
105.36	-120.92	0.00053	103.94	-122.33	0.00053

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00052	101.12	-125.16	0.00052
98.99	-127.28	0.00051	95.46	-130.81	0.00049
91.92	-134.35	0.00047	84.85	-141.42	0.00044
77.78	-148.49	0.00041	70.71	-155.56	0.00039
63.64	-162.63	0.00036	56.57	-169.71	0.00034
49.50	-176.78	0.00031	42.43	-183.85	0.00028
190.92	-49.50	0.00041	183.85	-56.57	0.00044
176.78	-63.64	0.00047	169.71	-70.71	0.00050
162.63	-77.78	0.00052	155.56	-84.85	0.00054
148.49	-91.92	0.00056	141.42	-98.99	0.00056
137.89	-102.53	0.00056	134.35	-106.07	0.00056
132.23	-108.19	0.00055	130.81	-109.60	0.00055
129.40	-111.02	0.00055	127.99	-112.43	0.00055
126.57	-113.84	0.00054	113.84	-126.57	0.00050
112.43	-127.99	0.00050	111.02	-129.40	0.00049
109.60	-130.81	0.00049	108.19	-132.23	0.00048

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

15:29:43

**MODELOPTs:

PAGE 99

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00047	102.53	-137.89	0.00046
98.99	-141.42	0.00044	91.92	-148.49	0.00042
84.85	-155.56	0.00039	77.78	-162.63	0.00037
70.71	-169.71	0.00034	63.64	-176.78	0.00032
56.57	-183.85	0.00030	49.50	-190.92	0.00027
197.99	-56.57	0.00039	190.92	-63.64	0.00042
183.85	-70.71	0.00045	176.78	-77.78	0.00047
169.71	-84.85	0.00049	162.63	-91.92	0.00051
155.56	-98.99	0.00052	148.49	-106.07	0.00052
144.96	-109.60	0.00052	141.42	-113.14	0.00052
139.30	-115.26	0.00052	137.89	-116.67	0.00051
136.47	-118.09	0.00051	135.06	-119.50	0.00051
133.64	-120.92	0.00051	120.92	-133.64	0.00047
119.50	-135.06	0.00047	118.09	-136.47	0.00046
116.67	-137.89	0.00046	115.26	-139.30	0.00045
113.14	-141.42	0.00044	109.60	-144.96	0.00043
106.07	-148.49	0.00042	98.99	-155.56	0.00039
91.92	-162.63	0.00037	84.85	-169.71	0.00035

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00032	70.71	-183.85	0.00030
63.64	-190.92	0.00028	56.57	-197.99	0.00026
205.06	-63.64	0.00037	197.99	-70.71	0.00040
190.92	-77.78	0.00042	183.85	-84.85	0.00045
176.78	-91.92	0.00046	169.71	-98.99	0.00048
162.63	-106.07	0.00049	155.56	-113.14	0.00049
152.03	-116.67	0.00049	148.49	-120.21	0.00048
146.37	-122.33	0.00048	144.96	-123.74	0.00048
143.54	-125.16	0.00048	142.13	-126.57	0.00047
140.71	-127.99	0.00047	127.99	-140.71	0.00044
126.57	-142.13	0.00044	125.16	-143.54	0.00043
123.74	-144.96	0.00043	122.33	-146.37	0.00042
120.21	-148.49	0.00042	116.67	-152.03	0.00040
113.14	-155.56	0.00039	106.07	-162.63	0.00037
98.99	-169.71	0.00035	91.92	-176.78	0.00033
84.85	-183.85	0.00031	77.78	-190.92	0.00029
70.71	-197.99	0.00027	63.64	-205.06	0.00025
212.13	-70.71	0.00036	205.06	-77.78	0.00038
197.99	-84.85	0.00040	190.92	-91.92	0.00042
183.85	-98.99	0.00044	176.78	-106.07	0.00045
169.71	-113.14	0.00046	162.63	-120.21	0.00046
159.10	-123.74	0.00046	155.56	-127.28	0.00045

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

15:29:43
 **MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00045	152.03	-130.81	0.00045
150.61	-132.23	0.00045	149.20	-133.64	0.00044
147.79	-135.06	0.00044	135.06	-147.79	0.00041
133.64	-149.20	0.00041	132.23	-150.61	0.00041
130.81	-152.03	0.00040	129.40	-153.44	0.00040
127.28	-155.56	0.00039	123.74	-159.10	0.00038
120.21	-162.63	0.00037	113.14	-169.71	0.00035
106.07	-176.78	0.00033	98.99	-183.85	0.00031
91.92	-190.92	0.00029	84.85	-197.99	0.00028
77.78	-205.06	0.00026	70.71	-212.13	0.00024
219.20	-77.78	0.00034	212.13	-84.85	0.00037
205.06	-91.92	0.00038	197.99	-98.99	0.00040

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

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

15:29:43
 **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	0.00032	226.27	-98.99	0.00033
219.20	-106.07	0.00035	212.13	-113.14	0.00036
205.06	-120.21	0.00037	197.99	-127.28	0.00038
190.92	-134.35	0.00038	183.85	-141.42	0.00038
180.31	-144.96	0.00038	176.78	-148.49	0.00038
174.66	-150.61	0.00037	173.24	-152.03	0.00037

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00037	170.41	-154.86	0.00037
169.00	-156.27	0.00037	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	0.00033
148.49	-176.78	0.00033	144.96	-180.31	0.00032
141.42	-183.85	0.00031	134.35	-190.92	0.00030
127.28	-197.99	0.00028	120.21	-205.06	0.00027
113.14	-212.13	0.00025	106.07	-219.20	0.00024
98.99	-226.27	0.00023	91.92	-233.35	0.00022
240.42	-98.99	0.00030	233.35	-106.07	0.00032
226.27	-113.14	0.00033	219.20	-120.21	0.00034
212.13	-127.28	0.00035	205.06	-134.35	0.00036
197.99	-141.42	0.00036	190.92	-148.49	0.00036
187.38	-152.03	0.00036	183.85	-155.56	0.00035
181.73	-157.68	0.00035	180.31	-159.10	0.00035
178.90	-160.51	0.00035	177.48	-161.93	0.00035
176.07	-163.34	0.00035	163.34	-176.07	0.00033
161.93	-177.48	0.00032	160.51	-178.90	0.00032
159.10	-180.31	0.00032	157.68	-181.73	0.00032
155.56	-183.85	0.00031	152.03	-187.38	0.00030
148.49	-190.92	0.00030	141.42	-197.99	0.00028
134.35	-205.06	0.00027	127.28	-212.13	0.00026
120.21	-219.20	0.00024	113.14	-226.27	0.00023
106.07	-233.35	0.00022	98.99	-240.42	0.00021
247.49	-106.07	0.00029	240.42	-113.14	0.00031
233.35	-120.21	0.00032	226.27	-127.28	0.00033
219.20	-134.35	0.00033	212.13	-141.42	0.00034
205.06	-148.49	0.00034	197.99	-155.56	0.00034
194.45	-159.10	0.00034	190.92	-162.63	0.00033
188.80	-164.76	0.00033	187.38	-166.17	0.00033
185.97	-167.58	0.00033	184.55	-169.00	0.00033
183.14	-170.41	0.00033	170.41	-183.14	0.00031
169.00	-184.55	0.00031	167.58	-185.97	0.00030
166.17	-187.38	0.00030	164.76	-188.80	0.00030

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

15:29:43
 **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
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18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00030	159.10	-194.45	0.00029
155.56	-197.99	0.00028	148.49	-205.06	0.00027
141.42	-212.13	0.00026	134.35	-219.20	0.00024
127.28	-226.27	0.00023	120.21	-233.35	0.00022
113.14	-240.42	0.00021	106.07	-247.49	0.00020

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

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

15:29:43

**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	0.00013	-113.14	240.42	0.00015
-120.21	233.35	0.00018	-127.28	226.27	0.00021
-134.35	219.20	0.00026	-141.42	212.13	0.00033
-148.49	205.06	0.00044	-155.56	197.99	0.00061
-159.10	194.45	0.00073	-162.63	190.92	0.00088
-164.76	188.80	0.00099	-166.17	187.38	0.00107
-167.58	185.97	0.00115	-169.00	184.55	0.00123
-170.41	183.14	0.00131	-183.14	170.41	0.00159
-184.55	169.00	0.00157	-185.97	167.58	0.00155
-187.38	166.17	0.00152	-188.80	164.76	0.00148
-190.92	162.63	0.00142	-194.45	159.10	0.00130
-197.99	155.56	0.00117	-205.06	148.49	0.00094
-212.13	141.42	0.00075	-219.20	134.35	0.00061
-226.27	127.28	0.00049	-233.35	120.21	0.00041
-240.42	113.14	0.00034	-247.49	106.07	0.00028
-98.99	240.42	0.00014	-106.07	233.35	0.00016
-113.14	226.27	0.00019	-120.21	219.20	0.00023
-127.28	212.13	0.00028	-134.35	205.06	0.00036
-141.42	197.99	0.00047	-148.49	190.92	0.00065
-152.03	187.38	0.00079	-155.56	183.85	0.00096
-157.68	181.73	0.00110	-159.10	180.31	0.00120
-160.51	178.90	0.00131	-161.93	177.48	0.00144
-163.34	176.07	0.00156	-176.07	163.34	0.00199
-177.48	161.93	0.00194	-178.90	160.51	0.00187
-180.31	159.10	0.00180	-181.73	157.68	0.00172
-183.85	155.56	0.00160	-187.38	152.03	0.00141
-190.92	148.49	0.00124	-197.99	141.42	0.00097
-205.06	134.35	0.00077	-212.13	127.28	0.00062
-219.20	120.21	0.00050	-226.27	113.14	0.00041

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00034	-240.42	98.99	0.00028
-91.92	233.35	0.00015	-98.99	226.27	0.00017
-106.07	219.20	0.00021	-113.14	212.13	0.00025
-120.21	205.06	0.00031	-127.28	197.99	0.00039
-134.35	190.92	0.00051	-141.42	183.85	0.00072
-144.96	180.31	0.00087	-148.49	176.78	0.00107
-150.61	174.66	0.00122	-152.03	173.24	0.00133
-153.44	171.83	0.00147	-154.86	170.41	0.00162
-156.27	169.00	0.00180	-169.00	156.27	0.00236
-170.41	154.86	0.00222	-171.83	153.44	0.00208
-173.24	152.03	0.00196	-174.66	150.61	0.00185

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

15:29:43
 **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	0.00169	-180.31	144.96	0.00147
-183.85	141.42	0.00128	-190.92	134.35	0.00099
-197.99	127.28	0.00078	-205.06	120.21	0.00062
-212.13	113.14	0.00050	-219.20	106.07	0.00040
-226.27	99.00	0.00033	-233.35	91.92	0.00028
-84.85	226.27	0.00016	-91.92	219.20	0.00019
-98.99	212.13	0.00022	-106.07	205.06	0.00027
-113.14	197.99	0.00033	-120.21	190.92	0.00042
-127.28	183.85	0.00056	-134.35	176.78	0.00079
-137.89	173.24	0.00097	-141.42	169.71	0.00120
-143.54	167.58	0.00138	-144.96	166.17	0.00152
-146.37	164.76	0.00169	-147.79	163.34	0.00190
-149.20	161.93	0.00217	-161.93	149.20	0.00264
-163.34	147.79	0.00242	-164.76	146.37	0.00225
-166.17	144.96	0.00210	-167.58	143.54	0.00196
-169.71	141.42	0.00178	-173.24	137.89	0.00153
-176.78	134.35	0.00133	-183.85	127.28	0.00102
-190.92	120.21	0.00079	-197.99	113.14	0.00062
-205.06	106.07	0.00050	-212.13	99.00	0.00041
-219.20	91.92	0.00034	-226.27	84.85	0.00028
-77.78	219.20	0.00017	-84.85	212.13	0.00020
-91.92	205.06	0.00024	-98.99	197.99	0.00029
-106.07	190.92	0.00036	-113.14	183.85	0.00047

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00063	-127.28	169.71	0.00092
-130.81	166.17	0.00115	-134.35	162.63	0.00150
-136.47	160.51	0.00181	-137.89	159.10	0.00207
-139.30	157.68	0.00241	-140.71	156.27	0.00286
-142.13	154.86	0.00346	-154.86	142.13	0.00317
-156.27	140.71	0.00281	-157.68	139.30	0.00255
-159.10	137.89	0.00234	-160.51	136.47	0.00216
-162.63	134.35	0.00194	-166.17	130.81	0.00164
-169.71	127.28	0.00141	-176.78	120.21	0.00107
-183.85	113.14	0.00083	-190.92	106.07	0.00065
-197.99	99.00	0.00052	-205.06	91.92	0.00042
-212.13	84.85	0.00035	-219.20	77.78	0.00029
-70.71	212.13	0.00018	-77.78	205.06	0.00021
-84.85	197.99	0.00026	-91.92	190.92	0.00032
-98.99	183.85	0.00041	-106.07	176.78	0.00054
-113.14	169.71	0.00075	-120.21	162.63	0.00116
-123.74	159.10	0.00152	-127.28	155.56	0.00209

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

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

15:29:43

**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	0.00259	-130.81	152.03	0.00301
-132.23	150.61	0.00353	-133.64	149.20	0.00415
-135.06	147.79	0.00494	-147.79	135.06	0.00383
-149.20	133.64	0.00333	-150.61	132.23	0.00295
-152.03	130.81	0.00266	-153.44	129.40	0.00242
-155.56	127.28	0.00214	-159.10	123.74	0.00178
-162.63	120.21	0.00151	-169.71	113.14	0.00113
-176.78	106.07	0.00086	-183.85	98.99	0.00068
-190.92	91.92	0.00054	-197.99	84.85	0.00044
-205.06	77.78	0.00037	-212.13	70.71	0.00031
-63.64	205.06	0.00019	-70.71	197.99	0.00023
-77.78	190.92	0.00029	-84.85	183.85	0.00036
-91.92	176.78	0.00047	-98.99	169.71	0.00063
-106.07	162.63	0.00093	-113.14	155.56	0.00152
-116.67	152.03	0.00203	-120.21	148.49	0.00279
-122.33	146.37	0.00343	-123.74	144.96	0.00394
-125.16	143.54	0.00456	-126.57	142.13	0.00528

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00615	-140.71	127.99	0.00445
-142.13	126.57	0.00385	-143.54	125.16	0.00339
-144.96	123.74	0.00302	-146.37	122.33	0.00272
-148.49	120.21	0.00236	-152.03	116.67	0.00193
-155.56	113.14	0.00162	-162.63	106.07	0.00118
-169.71	98.99	0.00090	-176.78	91.92	0.00071
-183.85	84.85	0.00057	-190.92	77.78	0.00047
-197.99	70.71	0.00039	-205.06	63.64	0.00033
-56.57	197.99	0.00021	-63.64	190.92	0.00026
-70.71	183.85	0.00032	-77.78	176.78	0.00041
-84.85	169.71	0.00055	-91.92	162.63	0.00077
-98.99	155.56	0.00117	-106.07	148.49	0.00193
-109.60	144.96	0.00256	-113.14	141.42	0.00345
-115.26	139.30	0.00416	-116.67	137.89	0.00473
-118.09	136.47	0.00539	-119.50	135.06	0.00615
-120.92	133.64	0.00705	-133.64	120.92	0.00493
-135.06	119.50	0.00427	-136.47	118.09	0.00375
-137.89	116.67	0.00333	-139.30	115.26	0.00299
-141.42	113.14	0.00258	-144.96	109.60	0.00207
-148.49	106.07	0.00171	-155.56	98.99	0.00124
-162.63	91.92	0.00094	-169.71	84.85	0.00074
-176.78	77.78	0.00060	-183.85	70.71	0.00050
-190.92	63.64	0.00042	-197.99	56.57	0.00036

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

15:29:43
 **MODELOPTs:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00023	-56.57	183.85	0.00029
-63.64	176.78	0.00036	-70.71	169.71	0.00047
-77.78	162.63	0.00065	-84.85	155.56	0.00094
-91.92	148.49	0.00144	-98.99	141.42	0.00234
-102.53	137.89	0.00304	-106.07	134.35	0.00401
-108.19	132.23	0.00476	-109.60	130.81	0.00535
-111.02	129.40	0.00602	-112.43	127.99	0.00678
-113.84	126.57	0.00768	-126.57	113.84	0.00525
-127.99	112.43	0.00455	-129.40	111.02	0.00400
-130.81	109.60	0.00355	-132.23	108.19	0.00318
-134.35	106.07	0.00273	-137.89	102.53	0.00218

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00179	-148.49	91.92	0.00130
-155.56	84.85	0.00100	-162.63	77.78	0.00079
-169.71	70.71	0.00064	-176.78	63.64	0.00053
-183.85	56.57	0.00044	-190.92	49.50	0.00038
-42.43	183.85	0.00026	-49.50	176.78	0.00032
-56.57	169.71	0.00041	-63.64	162.63	0.00055
-70.71	155.56	0.00076	-77.78	148.49	0.00111
-84.85	141.42	0.00170	-91.92	134.35	0.00270
-95.46	130.81	0.00346	-98.99	127.28	0.00447
-101.12	125.16	0.00523	-102.53	123.74	0.00582
-103.94	122.33	0.00647	-105.36	120.92	0.00722
-106.77	119.50	0.00809	-119.50	106.77	0.00539
-120.92	105.36	0.00467	-122.33	103.94	0.00411
-123.74	102.53	0.00366	-125.16	101.12	0.00328
-127.28	98.99	0.00283	-130.81	95.46	0.00227
-134.35	91.92	0.00188	-141.42	84.85	0.00137
-148.49	77.78	0.00106	-155.56	70.71	0.00084
-162.63	63.64	0.00068	-169.71	56.57	0.00056
-176.78	49.50	0.00047	-183.85	42.43	0.00039
-35.36	176.78	0.00028	-42.43	169.71	0.00036
-49.50	162.63	0.00047	-56.57	155.56	0.00063
-63.64	148.49	0.00089	-70.71	141.42	0.00129
-77.78	134.35	0.00194	-84.85	127.28	0.00302
-88.39	123.74	0.00381	-91.92	120.21	0.00484
-94.05	118.09	0.00560	-95.46	116.67	0.00617
-96.87	115.26	0.00680	-98.29	113.84	0.00752
-99.70	112.43	0.00834	-112.43	99.70	0.00537
-113.84	98.29	0.00466	-115.26	96.87	0.00412
-116.67	95.46	0.00369	-118.09	94.05	0.00333

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

15:29:43
 **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	0.00290	-123.74	88.39	0.00237
-127.28	84.85	0.00199	-134.35	77.78	0.00146
-141.42	70.71	0.00113	-148.49	63.64	0.00089
-155.56	56.57	0.00072	-162.63	49.50	0.00059
-169.71	42.43	0.00049	-176.78	35.36	0.00041

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00031	-35.36	162.63	0.00040
-42.43	155.56	0.00053	-49.50	148.49	0.00072
-56.57	141.42	0.00101	-63.64	134.35	0.00145
-70.71	127.28	0.00215	-77.78	120.21	0.00327
-81.32	116.67	0.00408	-84.85	113.14	0.00511
-86.97	111.02	0.00586	-88.39	109.60	0.00642
-89.80	108.19	0.00704	-91.22	106.77	0.00773
-92.63	105.36	0.00850	-105.36	92.63	0.00529
-106.77	91.22	0.00465	-108.19	89.80	0.00416
-109.60	88.39	0.00376	-111.02	86.97	0.00343
-113.14	84.85	0.00302	-116.67	81.32	0.00249
-120.21	77.78	0.00209	-127.28	70.71	0.00154
-134.35	63.64	0.00118	-141.42	56.57	0.00094
-148.49	49.50	0.00076	-155.56	42.43	0.00062
-162.63	35.36	0.00052	-169.71	28.28	0.00044
-21.21	162.63	0.00035	-28.28	155.56	0.00045
-35.36	148.49	0.00060	-42.43	141.42	0.00081
-49.50	134.35	0.00113	-56.57	127.28	0.00160
-63.64	120.21	0.00232	-70.71	113.14	0.00346
-74.25	109.60	0.00426	-77.78	106.07	0.00527
-79.90	103.94	0.00600	-81.32	102.53	0.00654
-82.73	101.12	0.00712	-84.15	99.70	0.00776
-85.56	98.29	0.00844	-98.29	85.56	0.00523
-99.70	84.15	0.00466	-101.12	82.73	0.00419
-102.53	81.32	0.00381	-103.94	79.90	0.00349
-106.07	77.78	0.00309	-109.60	74.25	0.00256
-113.14	70.71	0.00216	-120.21	63.64	0.00160
-127.28	56.57	0.00123	-134.35	49.50	0.00097
-141.42	42.43	0.00078	-148.49	35.36	0.00064
-155.56	28.28	0.00054	-162.63	21.21	0.00045
-14.14	155.56	0.00039	-21.21	148.49	0.00051
-28.28	141.42	0.00067	-35.36	134.35	0.00090
-42.43	127.28	0.00123	-49.50	120.21	0.00172
-56.57	113.14	0.00245	-63.64	106.07	0.00356
-67.18	102.53	0.00431	-70.71	98.99	0.00521

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

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

15:29:43
 **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 **

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00581	-74.25	95.46	0.00623
-75.66	94.05	0.00664	-77.07	92.63	0.00703
-78.49	91.22	0.00736	-91.22	78.49	0.00482
-92.63	77.07	0.00440	-94.05	75.66	0.00403
-95.46	74.25	0.00370	-96.87	72.83	0.00341
-98.99	70.71	0.00304	-102.53	67.18	0.00255
-106.07	63.64	0.00216	-113.14	56.57	0.00160
-120.21	49.50	0.00123	-127.28	42.43	0.00097
-134.35	35.36	0.00079	-141.42	28.28	0.00065
-148.49	21.21	0.00054	-155.56	14.14	0.00046
-7.07	148.49	0.00043	-14.14	141.42	0.00056
-21.21	134.35	0.00073	-28.28	127.28	0.00097
-35.36	120.21	0.00131	-42.43	113.14	0.00180
-49.50	106.07	0.00250	-56.57	98.99	0.00350
-60.10	95.46	0.00412	-63.64	91.92	0.00480
-65.76	89.80	0.00520	-67.18	88.39	0.00546
-68.59	86.97	0.00569	-70.00	85.56	0.00588
-71.42	84.15	0.00602	-84.15	71.42	0.00426
-85.56	70.00	0.00397	-86.97	68.59	0.00370
-88.39	67.18	0.00344	-89.80	65.76	0.00321
-91.92	63.64	0.00290	-95.46	60.10	0.00246
-98.99	56.57	0.00211	-106.07	49.50	0.00158
-113.14	42.43	0.00122	-120.21	35.36	0.00097
-127.28	28.28	0.00078	-134.35	21.21	0.00065
-141.42	14.14	0.00054	-148.49	7.07	0.00046
0.00	141.42	0.00047	-7.07	134.35	0.00060
-14.14	127.28	0.00078	-21.21	120.21	0.00103
-28.28	113.14	0.00136	-35.36	106.07	0.00183
-42.43	98.99	0.00247	-49.50	91.92	0.00330
-53.03	88.39	0.00376	-56.57	84.85	0.00422
-58.69	82.73	0.00448	-60.10	81.32	0.00463
-61.52	79.90	0.00475	-62.93	78.49	0.00485
-64.35	77.07	0.00490	-77.07	64.35	0.00366
-78.49	62.93	0.00346	-79.90	61.52	0.00327
-81.32	60.10	0.00309	-82.73	58.69	0.00292
-84.85	56.57	0.00267	-88.39	53.03	0.00231
-91.92	49.50	0.00201	-98.99	42.43	0.00154
-106.07	35.36	0.00120	-113.14	28.28	0.00095
-120.21	21.21	0.00077	-127.28	14.14	0.00064
-134.35	7.07	0.00054	-141.42	0.00	0.00046

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00051	0.00	127.28	0.00064
-7.07	120.21	0.00083	-14.14	113.14	0.00107
-21.21	106.07	0.00139	-28.28	98.99	0.00182
-35.36	91.92	0.00236	-42.43	84.85	0.00300
-45.96	81.32	0.00334	-49.50	77.78	0.00365
-51.62	75.66	0.00381	-53.03	74.25	0.00390
-54.45	72.83	0.00396	-55.86	71.42	0.00400
-57.28	70.00	0.00402	-70.00	57.28	0.00313
-71.42	55.86	0.00299	-72.83	54.45	0.00285
-74.25	53.03	0.00272	-75.66	51.62	0.00259
-77.78	49.50	0.00241	-81.32	45.96	0.00213
-84.85	42.43	0.00188	-91.92	35.36	0.00146
-98.99	28.28	0.00116	-106.07	21.21	0.00093
-113.14	14.14	0.00076	-120.21	7.07	0.00063
-127.28	0.00	0.00053	-134.35	-7.07	0.00045
14.14	127.28	0.00054	7.07	120.21	0.00068
0.00	113.14	0.00085	-7.07	106.07	0.00109
-14.14	98.99	0.00138	-21.21	91.92	0.00175
-28.28	84.85	0.00220	-35.36	77.78	0.00269
-38.89	74.25	0.00294	-42.43	70.71	0.00314
-44.55	68.59	0.00324	-45.96	67.18	0.00329
-47.38	65.76	0.00332	-48.79	64.35	0.00334
-50.20	62.93	0.00333	-62.93	50.20	0.00267
-64.35	48.79	0.00257	-65.76	47.38	0.00247
-67.18	45.96	0.00237	-68.59	44.55	0.00228
-70.71	42.43	0.00215	-74.25	38.89	0.00193
-77.78	35.36	0.00173	-84.85	28.28	0.00138
-91.92	21.21	0.00111	-98.99	14.14	0.00090
-106.07	7.07	0.00074	-113.14	0.00	0.00062
-120.21	-7.07	0.00053	-127.28	-14.14	0.00045
21.21	120.21	0.00056	14.14	113.14	0.00070
7.07	106.07	0.00087	0.00	98.99	0.00108
-7.07	91.92	0.00135	-14.14	84.85	0.00166
-21.21	77.78	0.00202	-28.28	70.71	0.00240
-31.82	67.18	0.00257	-35.36	63.64	0.00271
-37.48	61.52	0.00277	-38.89	60.10	0.00279
-40.31	58.69	0.00281	-41.72	57.28	0.00281

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00280	-55.86	43.13	0.00230
-57.28	41.72	0.00223	-58.69	40.31	0.00215
-60.10	38.89	0.00208	-61.52	37.48	0.00200

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

15:29:43
 **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	0.00190	-67.18	31.82	0.00173
-70.71	28.28	0.00158	-77.78	21.21	0.00129
-84.85	14.14	0.00105	-91.92	7.07	0.00086
-98.99	0.00	0.00072	-106.07	-7.07	0.00061
-113.14	-14.14	0.00052	-120.21	-21.21	0.00044
28.28	113.14	0.00058	21.21	106.07	0.00071
14.14	98.99	0.00087	7.07	91.92	0.00106
0.00	84.85	0.00129	-7.07	77.78	0.00156
-14.14	70.71	0.00185	-21.21	63.64	0.00213
-24.75	60.10	0.00225	-28.28	56.57	0.00234
-30.41	54.45	0.00238	-31.82	53.03	0.00239
-33.23	51.62	0.00240	-34.65	50.20	0.00239
-36.06	48.79	0.00238	-48.79	36.06	0.00199
-50.20	34.65	0.00194	-51.62	33.23	0.00188
-53.03	31.82	0.00182	-54.45	30.41	0.00176
-56.57	28.28	0.00168	-60.10	24.75	0.00155
-63.64	21.21	0.00143	-70.71	14.14	0.00120
-77.78	7.07	0.00100	-84.85	0.00	0.00083
-91.92	-7.07	0.00069	-98.99	-14.14	0.00059
-106.07	-21.21	0.00050	-113.14	-28.28	0.00043
35.36	106.07	0.00059	28.28	98.99	0.00071
21.21	91.92	0.00086	14.14	84.85	0.00103
7.07	77.78	0.00123	0.00	70.71	0.00145
-7.07	63.64	0.00168	-14.14	56.57	0.00190
-17.68	53.03	0.00198	-21.21	49.50	0.00204
-23.33	47.38	0.00206	-24.75	45.96	0.00206
-26.16	44.55	0.00206	-27.58	43.13	0.00206
-28.99	41.72	0.00205	-41.72	28.99	0.00174
-43.13	27.58	0.00170	-44.55	26.16	0.00165
-45.96	24.75	0.00161	-47.38	23.33	0.00156
-49.50	21.21	0.00149	-53.03	17.68	0.00139

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00129	-63.64	7.07	0.00111
-70.71	0.00	0.00094	-77.78	-7.07	0.00079
-84.85	-14.14	0.00066	-91.92	-21.21	0.00056
-98.99	-28.28	0.00049	-106.07	-35.36	0.00042
42.43	98.99	0.00059	35.36	91.92	0.00071
28.28	84.85	0.00084	21.21	77.78	0.00099
14.14	70.71	0.00116	7.07	63.64	0.00134
0.00	56.57	0.00153	-7.07	49.50	0.00169
-10.61	45.96	0.00175	-14.14	42.43	0.00179

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

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

15:29:43

**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	0.00180	-17.68	38.89	0.00180
-19.09	37.48	0.00180	-20.51	36.06	0.00179
-21.92	34.65	0.00178	-34.65	21.92	0.00153
-36.06	20.51	0.00150	-37.48	19.09	0.00146
-38.89	17.68	0.00142	-40.31	16.26	0.00139
-42.43	14.14	0.00133	-45.96	10.61	0.00125
-49.50	7.07	0.00117	-56.57	0.00	0.00102
-63.64	-7.07	0.00088	-70.71	-14.14	0.00075
-77.78	-21.21	0.00064	-84.85	-28.28	0.00054
-91.92	-35.36	0.00047	-98.99	-42.43	0.00041
49.50	91.92	0.00059	42.43	84.85	0.00069
35.36	77.78	0.00081	28.28	70.71	0.00094
21.21	63.64	0.00108	14.14	56.57	0.00124
7.07	49.50	0.00139	0.00	42.43	0.00151
-3.54	38.89	0.00155	-7.07	35.36	0.00158
-9.19	33.23	0.00158	-10.61	31.82	0.00158
-12.02	30.41	0.00158	-13.44	28.99	0.00157
-14.85	27.58	0.00156	-27.58	14.85	0.00136
-28.99	13.44	0.00133	-30.41	12.02	0.00130
-31.82	10.61	0.00127	-33.23	9.19	0.00124
-35.36	7.07	0.00120	-38.89	3.54	0.00113
-42.43	0.00	0.00106	-49.50	-7.07	0.00094
-56.57	-14.14	0.00082	-63.64	-21.21	0.00071
-70.71	-28.28	0.00061	-77.78	-35.36	0.00052
-84.85	-42.43	0.00045	-91.92	-49.50	0.00040

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00058	49.50	77.78	0.00067
42.43	70.71	0.00077	35.36	63.64	0.00089
28.28	56.57	0.00102	21.21	49.50	0.00115
14.14	42.43	0.00126	7.07	35.36	0.00136
3.54	31.82	0.00138	0.00	28.28	0.00140
-2.12	26.16	0.00140	-3.54	24.75	0.00140
-4.95	23.33	0.00139	-6.36	21.92	0.00139
-7.78	20.51	0.00138	-20.51	7.78	0.00121
-21.92	6.36	0.00119	-23.33	4.95	0.00116
-24.75	3.54	0.00114	-26.16	2.12	0.00112
-28.28	0.00	0.00108	-31.82	-3.54	0.00102
-35.36	-7.07	0.00096	-42.43	-14.14	0.00086
-49.50	-21.21	0.00076	-56.57	-28.28	0.00067
-63.64	-35.36	0.00058	-70.71	-42.43	0.00050
-77.78	-49.50	0.00044	-84.85	-56.57	0.00039

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

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

15:29:43
 **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	0.00057	56.57	70.71	0.00065
49.50	63.64	0.00074	42.43	56.57	0.00084
35.36	49.50	0.00095	28.28	42.43	0.00106
21.21	35.36	0.00115	14.14	28.28	0.00122
10.61	24.75	0.00124	7.07	21.21	0.00125
4.95	19.09	0.00125	3.54	17.68	0.00125
2.12	16.26	0.00124	0.71	14.85	0.00123
-0.71	13.44	0.00123	-13.44	0.71	0.00109
-14.85	-0.71	0.00107	-16.26	-2.12	0.00105
-17.68	-3.54	0.00103	-19.09	-4.95	0.00101
-21.21	-7.07	0.00098	-24.75	-10.61	0.00093
-28.28	-14.14	0.00088	-35.36	-21.21	0.00079
-42.43	-28.28	0.00071	-49.50	-35.36	0.00063
-56.57	-42.43	0.00055	-63.64	-49.50	0.00048
-70.71	-56.57	0.00042	-77.78	-63.64	0.00037
70.71	70.71	0.00055	63.64	63.64	0.00062
56.57	56.57	0.00071	49.50	49.50	0.00080
42.43	42.43	0.00089	35.36	35.36	0.00098
28.28	28.28	0.00105	21.21	21.21	0.00110

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00112	14.14	14.14	0.00112
12.02	12.02	0.00112	10.61	10.61	0.00112
9.19	9.19	0.00111	7.78	7.78	0.00111
6.36	6.36	0.00110	-6.36	-6.36	0.00098
-7.78	-7.78	0.00097	-9.19	-9.19	0.00095
-10.61	-10.61	0.00093	-12.02	-12.02	0.00091
-14.14	-14.14	0.00089	-17.68	-17.68	0.00085
-21.21	-21.21	0.00081	-28.28	-28.28	0.00073
-35.36	-35.36	0.00066	-42.43	-42.43	0.00059
-49.50	-49.50	0.00053	-56.57	-56.57	0.00046
-63.64	-63.64	0.00041	-70.71	-70.71	0.00036
77.78	63.64	0.00053	70.71	56.57	0.00060
63.64	49.50	0.00067	56.57	42.43	0.00075
49.50	35.36	0.00083	42.43	28.28	0.00090
35.36	21.21	0.00096	28.28	14.14	0.00100
24.75	10.61	0.00101	21.21	7.07	0.00101
19.09	4.95	0.00101	17.68	3.54	0.00101
16.26	2.12	0.00100	14.85	0.71	0.00100
13.44	-0.71	0.00099	0.71	-13.44	0.00089
-0.71	-14.85	0.00088	-2.12	-16.26	0.00086
-3.54	-17.68	0.00085	-4.95	-19.09	0.00083

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

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

15:29:43

**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	0.00081	-10.61	-24.75	0.00078
-14.14	-28.28	0.00074	-21.21	-35.36	0.00068
-28.28	-42.43	0.00061	-35.36	-49.50	0.00056
-42.43	-56.57	0.00050	-49.50	-63.64	0.00044
-56.57	-70.71	0.00040	-63.64	-77.78	0.00035
84.85	56.57	0.00051	77.78	49.50	0.00058
70.71	42.43	0.00064	63.64	35.36	0.00071
56.57	28.28	0.00078	49.50	21.21	0.00084
42.43	14.14	0.00088	35.36	7.07	0.00091
31.82	3.54	0.00092	28.28	0.00	0.00092
26.16	-2.12	0.00092	24.75	-3.54	0.00091
23.33	-4.95	0.00091	21.92	-6.36	0.00090
20.51	-7.78	0.00090	7.78	-20.51	0.00081

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00080	4.95	-23.33	0.00079
3.54	-24.75	0.00078	2.12	-26.16	0.00076
0.00	-28.28	0.00074	-3.54	-31.82	0.00071
-7.07	-35.36	0.00068	-14.14	-42.43	0.00063
-21.21	-49.50	0.00057	-28.28	-56.57	0.00052
-35.36	-63.64	0.00047	-42.43	-70.71	0.00043
-49.50	-77.78	0.00038	-56.57	-84.85	0.00034
91.92	49.50	0.00050	84.85	42.43	0.00055
77.78	35.36	0.00061	70.71	28.28	0.00067
63.64	21.21	0.00072	56.57	14.14	0.00077
49.50	7.07	0.00081	42.43	0.00	0.00083
38.89	-3.54	0.00084	35.36	-7.07	0.00084
33.23	-9.19	0.00083	31.82	-10.61	0.00083
30.41	-12.02	0.00083	28.99	-13.44	0.00082
27.58	-14.85	0.00082	14.85	-27.58	0.00074
13.44	-28.99	0.00073	12.02	-30.41	0.00072
10.61	-31.82	0.00071	9.19	-33.23	0.00070
7.07	-35.36	0.00068	3.54	-38.89	0.00066
0.00	-42.43	0.00063	-7.07	-49.50	0.00058
-14.14	-56.57	0.00054	-21.21	-63.64	0.00049
-28.28	-70.71	0.00045	-35.36	-77.78	0.00041
-42.43	-84.85	0.00037	-49.50	-91.92	0.00033
98.99	42.43	0.00048	91.92	35.36	0.00053
84.85	28.28	0.00058	77.78	21.21	0.00063
70.71	14.14	0.00068	63.64	7.07	0.00072
56.57	0.00	0.00075	49.50	-7.07	0.00077
45.96	-10.61	0.00077	42.43	-14.14	0.00077

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

15:29:43
 **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	0.00076	38.89	-17.68	0.00076
37.48	-19.09	0.00076	36.06	-20.51	0.00075
34.65	-21.92	0.00075	21.92	-34.65	0.00068
20.51	-36.06	0.00067	19.09	-37.48	0.00066
17.68	-38.89	0.00066	16.26	-40.31	0.00065
14.14	-42.43	0.00063	10.61	-45.96	0.00061
7.07	-49.50	0.00059	0.00	-56.57	0.00054

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00050	-14.14	-70.71	0.00046
-21.21	-77.78	0.00042	-28.28	-84.85	0.00039
-35.36	-91.92	0.00035	-42.43	-98.99	0.00032
106.07	35.36	0.00046	98.99	28.28	0.00050
91.92	21.21	0.00055	84.85	14.14	0.00059
77.78	7.07	0.00063	70.71	0.00	0.00067
63.64	-7.07	0.00069	56.57	-14.14	0.00071
53.03	-17.68	0.00071	49.50	-21.21	0.00070
47.38	-23.33	0.00070	45.96	-24.75	0.00070
44.55	-26.16	0.00069	43.13	-27.58	0.00069
41.72	-28.99	0.00069	28.99	-41.72	0.00063
27.58	-43.13	0.00062	26.16	-44.55	0.00061
24.75	-45.96	0.00061	23.33	-47.38	0.00060
21.21	-49.50	0.00059	17.68	-53.03	0.00057
14.14	-56.57	0.00054	7.07	-63.64	0.00051
0.00	-70.71	0.00047	-7.07	-77.78	0.00044
-14.14	-84.85	0.00040	-21.21	-91.92	0.00037
-28.28	-98.99	0.00034	-35.36	-106.07	0.00031
113.14	28.28	0.00044	106.07	21.21	0.00048
98.99	14.14	0.00052	91.92	7.07	0.00056
84.85	0.00	0.00060	77.78	-7.07	0.00062
70.71	-14.14	0.00064	63.64	-21.21	0.00065
60.10	-24.75	0.00065	56.57	-28.28	0.00065
54.45	-30.41	0.00065	53.03	-31.82	0.00064
51.62	-33.23	0.00064	50.20	-34.65	0.00064
48.79	-36.06	0.00063	36.06	-48.79	0.00058
34.65	-50.20	0.00058	33.23	-51.62	0.00057
31.82	-53.03	0.00056	30.41	-54.45	0.00055
28.28	-56.57	0.00054	24.75	-60.10	0.00053
21.21	-63.64	0.00051	14.14	-70.71	0.00047
7.07	-77.78	0.00044	0.00	-84.85	0.00041
-7.07	-91.92	0.00038	-14.14	-98.99	0.00035
-21.21	-106.07	0.00032	-28.28	-113.14	0.00030

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

15:29:43
 **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	0.00042	113.14	14.14	0.00046

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00050	98.99	0.00	0.00053
91.92	-7.07	0.00056	84.85	-14.14	0.00058
77.78	-21.21	0.00060	70.71	-28.28	0.00060
67.18	-31.82	0.00060	63.64	-35.36	0.00060
61.52	-37.48	0.00060	60.10	-38.89	0.00059
58.69	-40.31	0.00059	57.28	-41.72	0.00059
55.86	-43.13	0.00059	43.13	-55.86	0.00054
41.72	-57.28	0.00053	40.31	-58.69	0.00053
38.89	-60.10	0.00052	37.48	-61.52	0.00052
35.36	-63.64	0.00051	31.82	-67.18	0.00049
28.28	-70.71	0.00047	21.21	-77.78	0.00044
14.14	-84.85	0.00041	7.07	-91.92	0.00039
0.00	-98.99	0.00036	-7.07	-106.07	0.00034
-14.14	-113.14	0.00031	-21.21	-120.21	0.00028
127.28	14.14	0.00041	120.21	7.07	0.00044
113.14	0.00	0.00047	106.07	-7.07	0.00050
98.99	-14.14	0.00052	91.92	-21.21	0.00054
84.85	-28.28	0.00056	77.78	-35.36	0.00056
74.25	-38.89	0.00056	70.71	-42.43	0.00056
68.59	-44.55	0.00055	67.18	-45.96	0.00055
65.76	-47.38	0.00055	64.35	-48.79	0.00055
62.93	-50.20	0.00054	50.20	-62.93	0.00050
48.79	-64.35	0.00050	47.38	-65.76	0.00049
45.96	-67.18	0.00049	44.55	-68.59	0.00048
42.43	-70.71	0.00047	38.89	-74.25	0.00046
35.36	-77.78	0.00044	28.28	-84.85	0.00042
21.21	-91.92	0.00039	14.14	-98.99	0.00037
7.07	-106.07	0.00034	0.00	-113.14	0.00032
-7.07	-120.21	0.00030	-14.14	-127.28	0.00027
134.35	7.07	0.00039	127.28	0.00	0.00042
120.21	-7.07	0.00045	113.14	-14.14	0.00047
106.07	-21.21	0.00049	98.99	-28.28	0.00051
91.92	-35.36	0.00052	84.85	-42.43	0.00052
81.32	-45.96	0.00052	77.78	-49.50	0.00052
75.66	-51.62	0.00052	74.25	-53.03	0.00051
72.83	-54.45	0.00051	71.42	-55.86	0.00051
70.00	-57.28	0.00051	57.28	-70.00	0.00047
55.86	-71.42	0.00047	54.45	-72.83	0.00046
53.03	-74.25	0.00046	51.62	-75.66	0.00045

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00044	45.96	-81.32	0.00043
42.43	-84.85	0.00042	35.36	-91.92	0.00039
28.28	-98.99	0.00037	21.21	-106.07	0.00035
14.14	-113.14	0.00032	7.07	-120.21	0.00030
0.00	-127.28	0.00028	-7.07	-134.35	0.00026
141.42	0.00	0.00037	134.35	-7.07	0.00040
127.28	-14.14	0.00042	120.21	-21.21	0.00045
113.14	-28.28	0.00046	106.07	-35.36	0.00048
98.99	-42.43	0.00049	91.92	-49.50	0.00049
88.39	-53.03	0.00049	84.85	-56.57	0.00048
82.73	-58.69	0.00048	81.32	-60.10	0.00048
79.90	-61.52	0.00048	78.49	-62.93	0.00047
77.07	-64.35	0.00047	64.35	-77.07	0.00044
62.93	-78.49	0.00044	61.52	-79.90	0.00043
60.10	-81.32	0.00043	58.69	-82.73	0.00042
56.57	-84.85	0.00042	53.03	-88.39	0.00040
49.50	-91.92	0.00039	42.43	-98.99	0.00037
35.36	-106.07	0.00035	28.28	-113.14	0.00033
21.21	-120.21	0.00031	14.14	-127.28	0.00029
7.07	-134.35	0.00027	0.00	-141.42	0.00025
148.49	-7.07	0.00036	141.42	-14.14	0.00038
134.35	-21.21	0.00040	127.28	-28.28	0.00042
120.21	-35.36	0.00044	113.14	-42.43	0.00045
106.07	-49.50	0.00046	98.99	-56.57	0.00046
95.46	-60.10	0.00046	91.92	-63.64	0.00045
89.80	-65.76	0.00045	88.39	-67.18	0.00045
86.97	-68.59	0.00045	85.56	-70.00	0.00044
84.15	-71.42	0.00044	71.42	-84.15	0.00041
70.00	-85.56	0.00041	68.59	-86.97	0.00041
67.18	-88.39	0.00040	65.76	-89.80	0.00040
63.64	-91.92	0.00039	60.10	-95.46	0.00038
56.57	-98.99	0.00037	49.50	-106.07	0.00035
42.43	-113.14	0.00033	35.36	-120.21	0.00031
28.28	-127.28	0.00029	21.21	-134.35	0.00028
14.14	-141.42	0.00026	7.07	-148.49	0.00024
155.56	-14.14	0.00034	148.49	-21.21	0.00037
141.42	-28.28	0.00038	134.35	-35.36	0.00040
127.28	-42.43	0.00041	120.21	-49.50	0.00042
113.14	-56.57	0.00043	106.07	-63.64	0.00043

102.53 -67.18 0.00043 98.99 -70.71 0.00042

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

15:29:43
 **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	0.00042	95.46	-74.25	0.00042
94.05	-75.66	0.00042	92.63	-77.07	0.00042
91.22	-78.49	0.00041	78.49	-91.22	0.00039
77.07	-92.63	0.00038	75.66	-94.05	0.00038
74.25	-95.46	0.00038	72.83	-96.87	0.00037
70.71	-98.99	0.00037	67.18	-102.53	0.00036
63.64	-106.07	0.00035	56.57	-113.14	0.00033
49.50	-120.21	0.00031	42.43	-127.28	0.00030
35.36	-134.35	0.00028	28.28	-141.42	0.00026
21.21	-148.49	0.00025	14.14	-155.56	0.00023
162.63	-21.21	0.00033	155.56	-28.28	0.00035
148.49	-35.36	0.00037	141.42	-42.43	0.00038
134.35	-49.50	0.00039	127.28	-56.57	0.00040
120.21	-63.64	0.00040	113.14	-70.71	0.00040
109.60	-74.25	0.00040	106.07	-77.78	0.00040
103.94	-79.90	0.00040	102.53	-81.32	0.00039
101.12	-82.73	0.00039	99.70	-84.15	0.00039
98.29	-85.56	0.00039	85.56	-98.29	0.00037
84.15	-99.70	0.00036	82.73	-101.12	0.00036
81.32	-102.53	0.00036	79.90	-103.94	0.00035
77.78	-106.07	0.00035	74.25	-109.60	0.00034
70.71	-113.14	0.00033	63.64	-120.21	0.00031
56.57	-127.28	0.00030	49.50	-134.35	0.00028
42.43	-141.42	0.00027	35.36	-148.49	0.00025
28.28	-155.56	0.00024	21.21	-162.63	0.00023
169.71	-28.28	0.00032	162.63	-35.36	0.00033
155.56	-42.43	0.00035	148.49	-49.50	0.00036
141.42	-56.57	0.00037	134.35	-63.64	0.00038
127.28	-70.71	0.00038	120.21	-77.78	0.00038
116.67	-81.32	0.00038	113.14	-84.85	0.00038
111.02	-86.97	0.00037	109.60	-88.39	0.00037
108.19	-89.80	0.00037	106.77	-91.22	0.00037
105.36	-92.63	0.00037	92.63	-105.36	0.00034

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00034	89.80	-108.19	0.00034
88.39	-109.60	0.00034	86.97	-111.02	0.00033
84.85	-113.14	0.00033	81.32	-116.67	0.00032
77.78	-120.21	0.00031	70.71	-127.28	0.00030
63.64	-134.35	0.00028	56.57	-141.42	0.00027
49.50	-148.49	0.00025	42.43	-155.56	0.00024
35.36	-162.63	0.00023	28.28	-169.71	0.00022

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

15:29:43

**MODELOPTs:

PAGE 118

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00030	169.71	-42.43	0.00032
162.63	-49.50	0.00033	155.56	-56.57	0.00034
148.49	-63.64	0.00035	141.42	-70.71	0.00036
134.35	-77.78	0.00036	127.28	-84.85	0.00036
123.74	-88.39	0.00036	120.21	-91.92	0.00035
118.09	-94.05	0.00035	116.67	-95.46	0.00035
115.26	-96.87	0.00035	113.84	-98.29	0.00035
112.43	-99.70	0.00035	99.70	-112.43	0.00033
98.29	-113.84	0.00032	96.87	-115.26	0.00032
95.46	-116.67	0.00032	94.05	-118.09	0.00032
91.92	-120.21	0.00031	88.39	-123.74	0.00030
84.85	-127.28	0.00030	77.78	-134.35	0.00028
70.71	-141.42	0.00027	63.64	-148.49	0.00026
56.57	-155.56	0.00024	49.50	-162.63	0.00023
42.43	-169.71	0.00022	35.36	-176.78	0.00021
183.85	-42.43	0.00029	176.78	-49.50	0.00031
169.71	-56.57	0.00032	162.63	-63.64	0.00033
155.56	-70.71	0.00033	148.49	-77.78	0.00034
141.42	-84.85	0.00034	134.35	-91.92	0.00034
130.81	-95.46	0.00034	127.28	-98.99	0.00033
125.16	-101.12	0.00033	123.74	-102.53	0.00033
122.33	-103.94	0.00033	120.92	-105.36	0.00033
119.50	-106.77	0.00033	106.77	-119.50	0.00031
105.36	-120.92	0.00031	103.94	-122.33	0.00030
102.53	-123.74	0.00030	101.12	-125.16	0.00030
98.99	-127.28	0.00030	95.46	-130.81	0.00029
91.92	-134.35	0.00028	84.85	-141.42	0.00027

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00026	70.71	-155.56	0.00024
63.64	-162.63	0.00023	56.57	-169.71	0.00022
49.50	-176.78	0.00021	42.43	-183.85	0.00020
190.92	-49.50	0.00028	183.85	-56.57	0.00029
176.78	-63.64	0.00030	169.71	-70.71	0.00031
162.63	-77.78	0.00032	155.56	-84.85	0.00032
148.49	-91.92	0.00032	141.42	-98.99	0.00032
137.89	-102.53	0.00032	134.35	-106.07	0.00032
132.23	-108.19	0.00032	130.81	-109.60	0.00031
129.40	-111.02	0.00031	127.99	-112.43	0.00031
126.57	-113.84	0.00031	113.84	-126.57	0.00029
112.43	-127.99	0.00029	111.02	-129.40	0.00029
109.60	-130.81	0.00029	108.19	-132.23	0.00028

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

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

15:29:43

**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	0.00028	102.53	-137.89	0.00027
98.99	-141.42	0.00027	91.92	-148.49	0.00026
84.85	-155.56	0.00024	77.78	-162.63	0.00023
70.71	-169.71	0.00022	63.64	-176.78	0.00021
56.57	-183.85	0.00020	49.50	-190.92	0.00019
197.99	-56.57	0.00027	190.92	-63.64	0.00028
183.85	-70.71	0.00029	176.78	-77.78	0.00030
169.71	-84.85	0.00030	162.63	-91.92	0.00031
155.56	-98.99	0.00031	148.49	-106.07	0.00030
144.96	-109.60	0.00030	141.42	-113.14	0.00030
139.30	-115.26	0.00030	137.89	-116.67	0.00030
136.47	-118.09	0.00030	135.06	-119.50	0.00030
133.64	-120.92	0.00029	120.92	-133.64	0.00028
119.50	-135.06	0.00028	118.09	-136.47	0.00027
116.67	-137.89	0.00027	115.26	-139.30	0.00027
113.14	-141.42	0.00027	109.60	-144.96	0.00026
106.07	-148.49	0.00026	98.99	-155.56	0.00025
91.92	-162.63	0.00023	84.85	-169.71	0.00022
77.78	-176.78	0.00021	70.71	-183.85	0.00020
63.64	-190.92	0.00019	56.57	-197.99	0.00019
205.06	-63.64	0.00026	197.99	-70.71	0.00027

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00028	183.85	-84.85	0.00028
176.78	-91.92	0.00029	169.71	-98.99	0.00029
162.63	-106.07	0.00029	155.56	-113.14	0.00029
152.03	-116.67	0.00029	148.49	-120.21	0.00029
146.37	-122.33	0.00028	144.96	-123.74	0.00028
143.54	-125.16	0.00028	142.13	-126.57	0.00028
140.71	-127.99	0.00028	127.99	-140.71	0.00026
126.57	-142.13	0.00026	125.16	-143.54	0.00026
123.74	-144.96	0.00026	122.33	-146.37	0.00026
120.21	-148.49	0.00025	116.67	-152.03	0.00025
113.14	-155.56	0.00024	106.07	-162.63	0.00023
98.99	-169.71	0.00022	91.92	-176.78	0.00021
84.85	-183.85	0.00020	77.78	-190.92	0.00020
70.71	-197.99	0.00019	63.64	-205.06	0.00018
212.13	-70.71	0.00025	205.06	-77.78	0.00026
197.99	-84.85	0.00026	190.92	-91.92	0.00027
183.85	-98.99	0.00027	176.78	-106.07	0.00028
169.71	-113.14	0.00028	162.63	-120.21	0.00028
159.10	-123.74	0.00027	155.56	-127.28	0.00027

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

15:29:43

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

**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	0.00027	152.03	-130.81	0.00027
150.61	-132.23	0.00027	149.20	-133.64	0.00027
147.79	-135.06	0.00027	135.06	-147.79	0.00025
133.64	-149.20	0.00025	132.23	-150.61	0.00025
130.81	-152.03	0.00025	129.40	-153.44	0.00025
127.28	-155.56	0.00024	123.74	-159.10	0.00024
120.21	-162.63	0.00023	113.14	-169.71	0.00022
106.07	-176.78	0.00021	98.99	-183.85	0.00021
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	0.00024	212.13	-84.85	0.00025
205.06	-91.92	0.00025	197.99	-98.99	0.00026
190.92	-106.07	0.00026	183.85	-113.14	0.00026
176.78	-120.21	0.00026	169.71	-127.28	0.00026
166.17	-130.81	0.00026	162.63	-134.35	0.00026

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00026	159.10	-137.89	0.00026
157.68	-139.30	0.00026	156.27	-140.71	0.00025
154.86	-142.13	0.00025	142.13	-154.86	0.00024
140.71	-156.27	0.00024	139.30	-157.68	0.00024
137.89	-159.10	0.00024	136.47	-160.51	0.00023
134.35	-162.63	0.00023	130.81	-166.17	0.00023
127.28	-169.71	0.00022	120.21	-176.78	0.00021
113.14	-183.85	0.00021	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	0.00017
226.27	-84.85	0.00023	219.20	-91.92	0.00024
212.13	-98.99	0.00024	205.06	-106.07	0.00025
197.99	-113.14	0.00025	190.92	-120.21	0.00025
183.85	-127.28	0.00025	176.78	-134.35	0.00025
173.24	-137.89	0.00025	169.71	-141.42	0.00025
167.58	-143.54	0.00025	166.17	-144.96	0.00024
164.76	-146.37	0.00024	163.34	-147.79	0.00024
161.93	-149.20	0.00024	149.20	-161.93	0.00023
147.79	-163.34	0.00023	146.37	-164.76	0.00023
144.96	-166.17	0.00023	143.54	-167.58	0.00022
141.42	-169.71	0.00022	137.89	-173.24	0.00022
134.35	-176.78	0.00021	127.28	-183.85	0.00021
120.21	-190.92	0.00020	113.14	-197.99	0.00019
106.07	-205.06	0.00018	98.99	-212.13	0.00017
91.92	-219.20	0.00017	84.85	-226.27	0.00016

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

15:29:43
 **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	0.00022	226.27	-98.99	0.00023
219.20	-106.07	0.00023	212.13	-113.14	0.00024
205.06	-120.21	0.00024	197.99	-127.28	0.00024
190.92	-134.35	0.00024	183.85	-141.42	0.00024
180.31	-144.96	0.00024	176.78	-148.49	0.00024
174.66	-150.61	0.00023	173.24	-152.03	0.00023
171.83	-153.44	0.00023	170.41	-154.86	0.00023
169.00	-156.27	0.00023	156.27	-169.00	0.00022
154.86	-170.41	0.00022	153.44	-171.83	0.00022

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00022	150.61	-174.66	0.00021
148.49	-176.78	0.00021	144.96	-180.31	0.00021
141.42	-183.85	0.00020	134.35	-190.92	0.00020
127.28	-197.99	0.00019	120.21	-205.06	0.00018
113.14	-212.13	0.00017	106.07	-219.20	0.00017
98.99	-226.27	0.00016	91.92	-233.35	0.00015
240.42	-98.99	0.00021	233.35	-106.07	0.00022
226.27	-113.14	0.00022	219.20	-120.21	0.00023
212.13	-127.28	0.00023	205.06	-134.35	0.00023
197.99	-141.42	0.00023	190.92	-148.49	0.00023
187.38	-152.03	0.00023	183.85	-155.56	0.00023
181.73	-157.68	0.00022	180.31	-159.10	0.00022
178.90	-160.51	0.00022	177.48	-161.93	0.00022
176.07	-163.34	0.00022	163.34	-176.07	0.00021
161.93	-177.48	0.00021	160.51	-178.90	0.00021
159.10	-180.31	0.00021	157.68	-181.73	0.00021
155.56	-183.85	0.00020	152.03	-187.38	0.00020
148.49	-190.92	0.00020	141.42	-197.99	0.00019
134.35	-205.06	0.00018	127.28	-212.13	0.00018
120.21	-219.20	0.00017	113.14	-226.27	0.00016
106.07	-233.35	0.00016	98.99	-240.42	0.00015
247.49	-106.07	0.00021	240.42	-113.14	0.00021
233.35	-120.21	0.00022	226.27	-127.28	0.00022
219.20	-134.35	0.00022	212.13	-141.42	0.00022
205.06	-148.49	0.00022	197.99	-155.56	0.00022
194.45	-159.10	0.00022	190.92	-162.63	0.00022
188.80	-164.76	0.00021	187.38	-166.17	0.00021
185.97	-167.58	0.00021	184.55	-169.00	0.00021
183.14	-170.41	0.00021	170.41	-183.14	0.00020
169.00	-184.55	0.00020	167.58	-185.97	0.00020
166.17	-187.38	0.00020	164.76	-188.80	0.00020

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

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

15:29:43

**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	0.00020	159.10	-194.45	0.00019
155.56	-197.99	0.00019	148.49	-205.06	0.00018
141.42	-212.13	0.00018	134.35	-219.20	0.00017

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00016	120.21	-233.35	0.00016
113.14	-240.42	0.00015	106.07	-247.49	0.00014

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

15:29:43
 **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	0.00038	-113.14	240.42	0.00042
-120.21	233.35	0.00048	-127.28	226.27	0.00055
-134.35	219.20	0.00064	-141.42	212.13	0.00075
-148.49	205.06	0.00090	-155.56	197.99	0.00111
-159.10	194.45	0.00125	-162.63	190.92	0.00142
-164.76	188.80	0.00154	-166.17	187.38	0.00162
-167.58	185.97	0.00171	-169.00	184.55	0.00179
-170.41	183.14	0.00187	-183.14	170.41	0.00218
-184.55	169.00	0.00217	-185.97	167.58	0.00216
-187.38	166.17	0.00213	-188.80	164.76	0.00209
-190.92	162.63	0.00203	-194.45	159.10	0.00192
-197.99	155.56	0.00180	-205.06	148.49	0.00156
-212.13	141.42	0.00137	-219.20	134.35	0.00120
-226.27	127.28	0.00107	-233.35	120.21	0.00096
-240.42	113.14	0.00086	-247.49	106.07	0.00078
-98.99	240.42	0.00039	-106.07	233.35	0.00044
-113.14	226.27	0.00051	-120.21	219.20	0.00058
-127.28	212.13	0.00068	-134.35	205.06	0.00080
-141.42	197.99	0.00097	-148.49	190.92	0.00120
-152.03	187.38	0.00136	-155.56	183.85	0.00156
-157.68	181.73	0.00170	-159.10	180.31	0.00181
-160.51	178.90	0.00193	-161.93	177.48	0.00206
-163.34	176.07	0.00219	-176.07	163.34	0.00265
-177.48	161.93	0.00260	-178.90	160.51	0.00254
-180.31	159.10	0.00247	-181.73	157.68	0.00240
-183.85	155.56	0.00228	-187.38	152.03	0.00210
-190.92	148.49	0.00194	-197.99	141.42	0.00166
-205.06	134.35	0.00144	-212.13	127.28	0.00126
-219.20	120.21	0.00112	-226.27	113.14	0.00100
-233.35	106.07	0.00090	-240.42	98.99	0.00081
-91.92	233.35	0.00041	-98.99	226.27	0.00047
-106.07	219.20	0.00053	-113.14	212.13	0.00062

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00073	-127.28	197.99	0.00086
-134.35	190.92	0.00105	-141.42	183.85	0.00131
-144.96	180.31	0.00149	-148.49	176.78	0.00172
-150.61	174.66	0.00188	-152.03	173.24	0.00200
-153.44	171.83	0.00215	-154.86	170.41	0.00231
-156.27	169.00	0.00249	-169.00	156.27	0.00309
-170.41	154.86	0.00296	-171.83	153.44	0.00283
-173.24	152.03	0.00271	-174.66	150.61	0.00260

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

15:29:43
 **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	0.00245	-180.31	144.96	0.00224
-183.85	141.42	0.00205	-190.92	134.35	0.00175
-197.99	127.28	0.00151	-205.06	120.21	0.00132
-212.13	113.14	0.00117	-219.20	106.07	0.00104
-226.27	99.00	0.00093	-233.35	91.92	0.00084
-84.85	226.27	0.00043	-91.92	219.20	0.00049
-98.99	212.13	0.00056	-106.07	205.06	0.00065
-113.14	197.99	0.00077	-120.21	190.92	0.00093
-127.28	183.85	0.00114	-134.35	176.78	0.00144
-137.89	173.24	0.00165	-141.42	169.71	0.00192
-143.54	167.58	0.00212	-144.96	166.17	0.00227
-146.37	164.76	0.00244	-147.79	163.34	0.00266
-149.20	161.93	0.00294	-161.93	149.20	0.00347
-163.34	147.79	0.00326	-164.76	146.37	0.00308
-166.17	144.96	0.00294	-167.58	143.54	0.00281
-169.71	141.42	0.00264	-173.24	137.89	0.00239
-176.78	134.35	0.00219	-183.85	127.28	0.00186
-190.92	120.21	0.00160	-197.99	113.14	0.00139
-205.06	106.07	0.00122	-212.13	99.00	0.00108
-219.20	91.92	0.00096	-226.27	84.85	0.00087
-77.78	219.20	0.00044	-84.85	212.13	0.00051
-91.92	205.06	0.00059	-98.99	197.99	0.00069
-106.07	190.92	0.00082	-113.14	183.85	0.00100
-120.21	176.78	0.00125	-127.28	169.71	0.00163
-130.81	166.17	0.00191	-134.35	162.63	0.00230
-136.47	160.51	0.00263	-137.89	159.10	0.00291

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00363	-152.03	116.67	0.00318
-155.56	113.14	0.00284	-162.63	106.07	0.00233
-169.71	98.99	0.00196	-176.78	91.92	0.00168
-183.85	84.85	0.00145	-190.92	77.78	0.00127
-197.99	70.71	0.00112	-205.06	63.64	0.00099
-56.57	197.99	0.00052	-63.64	190.92	0.00061
-70.71	183.85	0.00072	-77.78	176.78	0.00087
-84.85	169.71	0.00108	-91.92	162.63	0.00140
-98.99	155.56	0.00192	-106.07	148.49	0.00285
-109.60	144.96	0.00357	-113.14	141.42	0.00456
-115.26	139.30	0.00534	-116.67	137.89	0.00594
-118.09	136.47	0.00664	-119.50	135.06	0.00744
-120.92	133.64	0.00837	-133.64	120.92	0.00640
-135.06	119.50	0.00575	-136.47	118.09	0.00524
-137.89	116.67	0.00482	-139.30	115.26	0.00447
-141.42	113.14	0.00405	-144.96	109.60	0.00351
-148.49	106.07	0.00310	-155.56	98.99	0.00252
-162.63	91.92	0.00210	-169.71	84.85	0.00178
-176.78	77.78	0.00153	-183.85	70.71	0.00133
-190.92	63.64	0.00117	-197.99	56.57	0.00104

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

15:29:43
 **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	0.00055	-56.57	183.85	0.00065
-63.64	176.78	0.00078	-70.71	169.71	0.00096
-77.78	162.63	0.00121	-84.85	155.56	0.00160
-91.92	148.49	0.00224	-98.99	141.42	0.00333
-102.53	137.89	0.00415	-106.07	134.35	0.00525
-108.19	132.23	0.00609	-109.60	130.81	0.00673
-111.02	129.40	0.00746	-112.43	127.99	0.00828
-113.84	126.57	0.00922	-126.57	113.84	0.00701
-127.99	112.43	0.00631	-129.40	111.02	0.00576
-130.81	109.60	0.00531	-132.23	108.19	0.00493
-134.35	106.07	0.00445	-137.89	102.53	0.00383
-141.42	98.99	0.00337	-148.49	91.92	0.00270
-155.56	84.85	0.00224	-162.63	77.78	0.00189
-169.71	70.71	0.00161	-176.78	63.64	0.00140

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00122	-190.92	49.50	0.00108
-42.43	183.85	0.00059	-49.50	176.78	0.00070
-56.57	169.71	0.00085	-63.64	162.63	0.00106
-70.71	155.56	0.00136	-77.78	148.49	0.00182
-84.85	141.42	0.00256	-91.92	134.35	0.00377
-95.46	130.81	0.00466	-98.99	127.28	0.00584
-101.12	125.16	0.00672	-102.53	123.74	0.00739
-103.94	122.33	0.00813	-105.36	120.92	0.00896
-106.77	119.50	0.00991	-119.50	106.77	0.00753
-120.92	105.36	0.00679	-122.33	103.94	0.00622
-123.74	102.53	0.00574	-125.16	101.12	0.00533
-127.28	98.99	0.00481	-130.81	95.46	0.00414
-134.35	91.92	0.00363	-141.42	84.85	0.00289
-148.49	77.78	0.00238	-155.56	70.71	0.00200
-162.63	63.64	0.00170	-169.71	56.57	0.00146
-176.78	49.50	0.00128	-183.85	42.43	0.00112
-35.36	176.78	0.00064	-42.43	169.71	0.00076
-49.50	162.63	0.00093	-56.57	155.56	0.00117
-63.64	148.49	0.00152	-70.71	141.42	0.00205
-77.78	134.35	0.00286	-84.85	127.28	0.00417
-88.39	123.74	0.00512	-91.92	120.21	0.00635
-94.05	118.09	0.00725	-95.46	116.67	0.00793
-96.87	115.26	0.00868	-98.29	113.84	0.00952
-99.70	112.43	0.01047	-112.43	99.70	0.00796
-113.84	98.29	0.00721	-115.26	96.87	0.00660
-116.67	95.46	0.00611	-118.09	94.05	0.00568

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

15:29:43
 **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	0.00513	-123.74	88.39	0.00442
-127.28	84.85	0.00387	-134.35	77.78	0.00307
-141.42	70.71	0.00251	-148.49	63.64	0.00210
-155.56	56.57	0.00178	-162.63	49.50	0.00153
-169.71	42.43	0.00133	-176.78	35.36	0.00117
-28.28	169.71	0.00068	-35.36	162.63	0.00083
-42.43	155.56	0.00102	-49.50	148.49	0.00129
-56.57	141.42	0.00169	-63.64	134.35	0.00227

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00315	-77.78	120.21	0.00453
-81.32	116.67	0.00552	-84.85	113.14	0.00677
-86.97	111.02	0.00769	-88.39	109.60	0.00838
-89.80	108.19	0.00913	-91.22	106.77	0.00999
-92.63	105.36	0.01094	-105.36	92.63	0.00833
-106.77	91.22	0.00756	-108.19	89.80	0.00693
-109.60	88.39	0.00642	-111.02	86.97	0.00598
-113.14	84.85	0.00542	-116.67	81.32	0.00467
-120.21	77.78	0.00409	-127.28	70.71	0.00324
-134.35	63.64	0.00264	-141.42	56.57	0.00220
-148.49	49.50	0.00186	-155.56	42.43	0.00160
-162.63	35.36	0.00139	-169.71	28.28	0.00121
-21.21	162.63	0.00074	-28.28	155.56	0.00090
-35.36	148.49	0.00111	-42.43	141.42	0.00142
-49.50	134.35	0.00185	-56.57	127.28	0.00247
-63.64	120.21	0.00340	-70.71	113.14	0.00485
-74.25	109.60	0.00586	-77.78	106.07	0.00714
-79.90	103.94	0.00806	-81.32	102.53	0.00875
-82.73	101.12	0.00951	-84.15	99.70	0.01037
-85.56	98.29	0.01132	-98.29	85.56	0.00864
-99.70	84.15	0.00785	-101.12	82.73	0.00722
-102.53	81.32	0.00669	-103.94	79.90	0.00624
-106.07	77.78	0.00567	-109.60	74.25	0.00490
-113.14	70.71	0.00429	-120.21	63.64	0.00339
-127.28	56.57	0.00276	-134.35	49.50	0.00230
-141.42	42.43	0.00194	-148.49	35.36	0.00166
-155.56	28.28	0.00144	-162.63	21.21	0.00126
-14.14	155.56	0.00079	-21.21	148.49	0.00097
-28.28	141.42	0.00121	-35.36	134.35	0.00154
-42.43	127.28	0.00200	-49.50	120.21	0.00266
-56.57	113.14	0.00364	-63.64	106.07	0.00513
-67.18	102.53	0.00616	-70.71	98.99	0.00745

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

15:29:43
 **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	0.00838	-74.25	95.46	0.00908
-75.66	94.05	0.00984	-77.07	92.63	0.01068

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.01163	-91.22	78.49	0.00887
-92.63	77.07	0.00810	-94.05	75.66	0.00747
-95.46	74.25	0.00694	-96.87	72.83	0.00647
-98.99	70.71	0.00588	-102.53	67.18	0.00510
-106.07	63.64	0.00447	-113.14	56.57	0.00354
-120.21	49.50	0.00288	-127.28	42.43	0.00239
-134.35	35.36	0.00202	-141.42	28.28	0.00172
-148.49	21.21	0.00149	-155.56	14.14	0.00130
-7.07	148.49	0.00086	-14.14	141.42	0.00105
-21.21	134.35	0.00131	-28.28	127.28	0.00166
-35.36	120.21	0.00215	-42.43	113.14	0.00284
-49.50	106.07	0.00385	-56.57	98.99	0.00538
-60.10	95.46	0.00642	-63.64	91.92	0.00772
-65.76	89.80	0.00865	-67.18	88.39	0.00935
-68.59	86.97	0.01011	-70.00	85.56	0.01095
-71.42	84.15	0.01189	-84.15	71.42	0.00909
-85.56	70.00	0.00831	-86.97	68.59	0.00768
-88.39	67.18	0.00714	-89.80	65.76	0.00667
-91.92	63.64	0.00608	-95.46	60.10	0.00527
-98.99	56.57	0.00464	-106.07	49.50	0.00368
-113.14	42.43	0.00299	-120.21	35.36	0.00248
-127.28	28.28	0.00209	-134.35	21.21	0.00178
-141.42	14.14	0.00154	-148.49	7.07	0.00134
0.00	141.42	0.00092	-7.07	134.35	0.00113
-14.14	127.28	0.00140	-21.21	120.21	0.00177
-28.28	113.14	0.00228	-35.36	106.07	0.00300
-42.43	98.99	0.00405	-49.50	91.92	0.00559
-53.03	88.39	0.00664	-56.57	84.85	0.00795
-58.69	82.73	0.00888	-60.10	81.32	0.00958
-61.52	79.90	0.01034	-62.93	78.49	0.01118
-64.35	77.07	0.01212	-77.07	64.35	0.00929
-78.49	62.93	0.00850	-79.90	61.52	0.00786
-81.32	60.10	0.00731	-82.73	58.69	0.00684
-84.85	56.57	0.00624	-88.39	53.03	0.00543
-91.92	49.50	0.00478	-98.99	42.43	0.00380
-106.07	35.36	0.00309	-113.14	28.28	0.00256
-120.21	21.21	0.00215	-127.28	14.14	0.00184
-134.35	7.07	0.00158	-141.42	0.00	0.00138

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

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

15:29:43
 **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	0.00098	0.00	127.28	0.00120
-7.07	120.21	0.00149	-14.14	113.14	0.00188
-21.21	106.07	0.00241	-28.28	98.99	0.00316
-35.36	91.92	0.00422	-42.43	84.85	0.00578
-45.96	81.32	0.00684	-49.50	77.78	0.00815
-51.62	75.66	0.00908	-53.03	74.25	0.00977
-54.45	72.83	0.01054	-55.86	71.42	0.01138
-57.28	70.00	0.01232	-70.00	57.28	0.00946
-71.42	55.86	0.00867	-72.83	54.45	0.00802
-74.25	53.03	0.00747	-75.66	51.62	0.00700
-77.78	49.50	0.00639	-81.32	45.96	0.00556
-84.85	42.43	0.00491	-91.92	35.36	0.00391
-98.99	28.28	0.00318	-106.07	21.21	0.00264
-113.14	14.14	0.00222	-120.21	7.07	0.00189
-127.28	0.00	0.00163	-134.35	-7.07	0.00142
14.14	127.28	0.00104	7.07	120.21	0.00128
0.00	113.14	0.00158	-7.07	106.07	0.00198
-14.14	98.99	0.00253	-21.21	91.92	0.00329
-28.28	84.85	0.00437	-35.36	77.78	0.00595
-38.89	74.25	0.00701	-42.43	70.71	0.00832
-44.55	68.59	0.00926	-45.96	67.18	0.00995
-47.38	65.76	0.01071	-48.79	64.35	0.01155
-50.20	62.93	0.01249	-62.93	50.20	0.00961
-64.35	48.79	0.00881	-65.76	47.38	0.00816
-67.18	45.96	0.00761	-68.59	44.55	0.00713
-70.71	42.43	0.00652	-74.25	38.89	0.00569
-77.78	35.36	0.00502	-84.85	28.28	0.00401
-91.92	21.21	0.00327	-98.99	14.14	0.00271
-106.07	7.07	0.00228	-113.14	0.00	0.00194
-120.21	-7.07	0.00167	-127.28	-14.14	0.00145
21.21	120.21	0.00110	14.14	113.14	0.00135
7.07	106.07	0.00166	0.00	98.99	0.00208
-7.07	91.92	0.00264	-14.14	84.85	0.00342
-21.21	77.78	0.00451	-28.28	70.71	0.00610
-31.82	67.18	0.00716	-35.36	63.64	0.00848
-37.48	61.52	0.00941	-38.89	60.10	0.01011
-40.31	58.69	0.01087	-41.72	57.28	0.01170
-43.13	55.86	0.01264	-55.86	43.13	0.00975
-57.28	41.72	0.00894	-58.69	40.31	0.00829
-60.10	38.89	0.00773	-61.52	37.48	0.00725

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

*** NCRA Cumulative DPM Impacts

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

15:29:43

**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	0.00663	-67.18	31.82	0.00579
-70.71	28.28	0.00512	-77.78	21.21	0.00410
-84.85	14.14	0.00335	-91.92	7.07	0.00278
-98.99	0.00	0.00233	-106.07	-7.07	0.00199
-113.14	-14.14	0.00171	-120.21	-21.21	0.00148
28.28	113.14	0.00116	21.21	106.07	0.00141
14.14	98.99	0.00174	7.07	91.92	0.00217
0.00	84.85	0.00275	-7.07	77.78	0.00353
-14.14	70.71	0.00464	-21.21	63.64	0.00623
-24.75	60.10	0.00730	-28.28	56.57	0.00861
-30.41	54.45	0.00955	-31.82	53.03	0.01024
-33.23	51.62	0.01100	-34.65	50.20	0.01184
-36.06	48.79	0.01278	-48.79	36.06	0.00988
-50.20	34.65	0.00906	-51.62	33.23	0.00840
-53.03	31.82	0.00784	-54.45	30.41	0.00736
-56.57	28.28	0.00673	-60.10	24.75	0.00589
-63.64	21.21	0.00521	-70.71	14.14	0.00418
-77.78	7.07	0.00342	-84.85	0.00	0.00284
-91.92	-7.07	0.00239	-98.99	-14.14	0.00203
-106.07	-21.21	0.00174	-113.14	-28.28	0.00151
35.36	106.07	0.00122	28.28	98.99	0.00148
21.21	91.92	0.00181	14.14	84.85	0.00225
7.07	77.78	0.00284	0.00	70.71	0.00364
-7.07	63.64	0.00475	-14.14	56.57	0.00635
-17.68	53.03	0.00742	-21.21	49.50	0.00873
-23.33	47.38	0.00966	-24.75	45.96	0.01036
-26.16	44.55	0.01112	-27.58	43.13	0.01196
-28.99	41.72	0.01290	-41.72	28.99	0.00999
-43.13	27.58	0.00917	-44.55	26.16	0.00849
-45.96	24.75	0.00794	-47.38	23.33	0.00745
-49.50	21.21	0.00683	-53.03	17.68	0.00598
-56.57	14.14	0.00529	-63.64	7.07	0.00425
-70.71	0.00	0.00348	-77.78	-7.07	0.00289
-84.85	-14.14	0.00243	-91.92	-21.21	0.00207

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00178	-106.07	-35.36	0.00154
42.43	98.99	0.00127	35.36	91.92	0.00154
28.28	84.85	0.00188	21.21	77.78	0.00233
14.14	70.71	0.00293	7.07	63.64	0.00373
0.00	56.57	0.00485	-7.07	49.50	0.00645
-10.61	45.96	0.00752	-14.14	42.43	0.00884

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

15:29:43
 **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	0.00977	-17.68	38.89	0.01046
-19.09	37.48	0.01122	-20.51	36.06	0.01207
-21.92	34.65	0.01301	-34.65	21.92	0.01008
-36.06	20.51	0.00926	-37.48	19.09	0.00858
-38.89	17.68	0.00802	-40.31	16.26	0.00754
-42.43	14.14	0.00691	-45.96	10.61	0.00605
-49.50	7.07	0.00536	-56.57	0.00	0.00432
-63.64	-7.07	0.00354	-70.71	-14.14	0.00294
-77.78	-21.21	0.00248	-84.85	-28.28	0.00211
-91.92	-35.36	0.00181	-98.99	-42.43	0.00157
49.50	91.92	0.00133	42.43	84.85	0.00160
35.36	77.78	0.00195	28.28	70.71	0.00240
21.21	63.64	0.00301	14.14	56.57	0.00382
7.07	49.50	0.00494	0.00	42.43	0.00655
-3.54	38.89	0.00762	-7.07	35.36	0.00893
-9.19	33.23	0.00987	-10.61	31.82	0.01056
-12.02	30.41	0.01132	-13.44	28.99	0.01216
-14.85	27.58	0.01309	-27.58	14.85	0.01013
-28.99	13.44	0.00933	-30.41	12.02	0.00867
-31.82	10.61	0.00811	-33.23	9.19	0.00761
-35.36	7.07	0.00698	-38.89	3.54	0.00613
-42.43	0.00	0.00543	-49.50	-7.07	0.00437
-56.57	-14.14	0.00359	-63.64	-21.21	0.00299
-70.71	-28.28	0.00252	-77.78	-35.36	0.00214
-84.85	-42.43	0.00184	-91.92	-49.50	0.00160
56.57	84.85	0.00138	49.50	77.78	0.00165
42.43	70.71	0.00201	35.36	63.64	0.00247
28.28	56.57	0.00308	21.21	49.50	0.00390

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00503	7.07	35.36	0.00664
3.54	31.82	0.00770	0.00	28.28	0.00902
-2.12	26.16	0.00995	-3.54	24.75	0.01065
-4.95	23.33	0.01140	-6.36	21.92	0.01223
-7.78	20.51	0.01317	-20.51	7.78	0.01020
-21.92	6.36	0.00939	-23.33	4.95	0.00874
-24.75	3.54	0.00817	-26.16	2.12	0.00768
-28.28	0.00	0.00705	-31.82	-3.54	0.00618
-35.36	-7.07	0.00549	-42.43	-14.14	0.00443
-49.50	-21.21	0.00364	-56.57	-28.28	0.00303
-63.64	-35.36	0.00255	-70.71	-42.43	0.00217
-77.78	-49.50	0.00187	-84.85	-56.57	0.00162

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

15:29:43

**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	0.00142	56.57	70.71	0.00171
49.50	63.64	0.00207	42.43	56.57	0.00253
35.36	49.50	0.00315	28.28	42.43	0.00397
21.21	35.36	0.00510	14.14	28.28	0.00671
10.61	24.75	0.00778	7.07	21.21	0.00909
4.95	19.09	0.01003	3.54	17.68	0.01072
2.12	16.26	0.01147	0.71	14.85	0.01230
-0.71	13.44	0.01323	-13.44	0.71	0.01026
-14.85	-0.71	0.00946	-16.26	-2.12	0.00880
-17.68	-3.54	0.00823	-19.09	-4.95	0.00774
-21.21	-7.07	0.00710	-24.75	-10.61	0.00624
-28.28	-14.14	0.00554	-35.36	-21.21	0.00447
-42.43	-28.28	0.00368	-49.50	-35.36	0.00307
-56.57	-42.43	0.00259	-63.64	-49.50	0.00220
-70.71	-56.57	0.00189	-77.78	-63.64	0.00164
70.71	70.71	0.00147	63.64	63.64	0.00175
56.57	56.57	0.00212	49.50	49.50	0.00259
42.43	42.43	0.00321	35.36	35.36	0.00403
28.28	28.28	0.00517	21.21	21.21	0.00678
17.68	17.68	0.00785	14.14	14.14	0.00916
12.02	12.02	0.01009	10.61	10.61	0.01078
9.19	9.19	0.01154	7.78	7.78	0.01237

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.01330	-6.36	-6.36	0.01032
-7.78	-7.78	0.00951	-9.19	-9.19	0.00885
-10.61	-10.61	0.00828	-12.02	-12.02	0.00779
-14.14	-14.14	0.00715	-17.68	-17.68	0.00629
-21.21	-21.21	0.00559	-28.28	-28.28	0.00451
-35.36	-35.36	0.00371	-42.43	-42.43	0.00310
-49.50	-49.50	0.00261	-56.57	-56.57	0.00223
-63.64	-63.64	0.00191	-70.71	-70.71	0.00166
77.78	63.64	0.00151	70.71	56.57	0.00180
63.64	49.50	0.00217	56.57	42.43	0.00264
49.50	35.36	0.00326	42.43	28.28	0.00409
35.36	21.21	0.00523	28.28	14.14	0.00684
24.75	10.61	0.00790	21.21	7.07	0.00922
19.09	4.95	0.01015	17.68	3.54	0.01083
16.26	2.12	0.01159	14.85	0.71	0.01242
13.44	-0.71	0.01335	0.71	-13.44	0.01037
-0.71	-14.85	0.00956	-2.12	-16.26	0.00890
-3.54	-17.68	0.00833	-4.95	-19.09	0.00784

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

15:29:43
 **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	0.00720	-10.61	-24.75	0.00633
-14.14	-28.28	0.00563	-21.21	-35.36	0.00455
-28.28	-42.43	0.00374	-35.36	-49.50	0.00313
-42.43	-56.57	0.00264	-49.50	-63.64	0.00225
-56.57	-70.71	0.00193	-63.64	-77.78	0.00168
84.85	56.57	0.00155	77.78	49.50	0.00184
70.71	42.43	0.00222	63.64	35.36	0.00269
56.57	28.28	0.00332	49.50	21.21	0.00414
42.43	14.14	0.00528	35.36	7.07	0.00689
31.82	3.54	0.00795	28.28	0.00	0.00927
26.16	-2.12	0.01020	24.75	-3.54	0.01089
23.33	-4.95	0.01164	21.92	-6.36	0.01247
20.51	-7.78	0.01340	7.78	-20.51	0.01042
6.36	-21.92	0.00960	4.95	-23.33	0.00894
3.54	-24.75	0.00837	2.12	-26.16	0.00787
0.00	-28.28	0.00723	-3.54	-31.82	0.00636

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00566	-14.14	-42.43	0.00457
-21.21	-49.50	0.00377	-28.28	-56.57	0.00315
-35.36	-63.64	0.00266	-42.43	-70.71	0.00227
-49.50	-77.78	0.00195	-56.57	-84.85	0.00169
91.92	49.50	0.00159	84.85	42.43	0.00189
77.78	35.36	0.00226	70.71	28.28	0.00274
63.64	21.21	0.00336	56.57	14.14	0.00419
49.50	7.07	0.00533	42.43	0.00	0.00693
38.89	-3.54	0.00800	35.36	-7.07	0.00931
33.23	-9.19	0.01024	31.82	-10.61	0.01093
30.41	-12.02	0.01168	28.99	-13.44	0.01252
27.58	-14.85	0.01345	14.85	-27.58	0.01047
13.44	-28.99	0.00964	12.02	-30.41	0.00897
10.61	-31.82	0.00840	9.19	-33.23	0.00791
7.07	-35.36	0.00726	3.54	-38.89	0.00639
0.00	-42.43	0.00569	-7.07	-49.50	0.00460
-14.14	-56.57	0.00379	-21.21	-63.64	0.00317
-28.28	-70.71	0.00268	-35.36	-77.78	0.00228
-42.43	-84.85	0.00196	-49.50	-91.92	0.00170
98.99	42.43	0.00162	91.92	35.36	0.00192
84.85	28.28	0.00230	77.78	21.21	0.00278
70.71	14.14	0.00340	63.64	7.07	0.00423
56.57	0.00	0.00537	49.50	-7.07	0.00697
45.96	-10.61	0.00804	42.43	-14.14	0.00935

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

15:29:43
 **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	0.01027	38.89	-17.68	0.01096
37.48	-19.09	0.01172	36.06	-20.51	0.01256
34.65	-21.92	0.01349	21.92	-34.65	0.01051
20.51	-36.06	0.00968	19.09	-37.48	0.00899
17.68	-38.89	0.00843	16.26	-40.31	0.00793
14.14	-42.43	0.00729	10.61	-45.96	0.00641
7.07	-49.50	0.00571	0.00	-56.57	0.00462
-7.07	-63.64	0.00381	-14.14	-70.71	0.00318
-21.21	-77.78	0.00269	-28.28	-84.85	0.00229
-35.36	-91.92	0.00197	-42.43	-98.99	0.00171

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00166	98.99	28.28	0.00196
91.92	21.21	0.00234	84.85	14.14	0.00282
77.78	7.07	0.00344	70.71	0.00	0.00427
63.64	-7.07	0.00540	56.57	-14.14	0.00700
53.03	-17.68	0.00807	49.50	-21.21	0.00938
47.38	-23.33	0.01030	45.96	-24.75	0.01099
44.55	-26.16	0.01174	43.13	-27.58	0.01259
41.72	-28.99	0.01353	28.99	-41.72	0.01053
27.58	-43.13	0.00970	26.16	-44.55	0.00902
24.75	-45.96	0.00845	23.33	-47.38	0.00795
21.21	-49.50	0.00731	17.68	-53.03	0.00643
14.14	-56.57	0.00572	7.07	-63.64	0.00463
0.00	-70.71	0.00382	-7.07	-77.78	0.00319
-14.14	-84.85	0.00270	-21.21	-91.92	0.00230
-28.28	-98.99	0.00198	-35.36	-106.07	0.00172
113.14	28.28	0.00169	106.07	21.21	0.00199
98.99	14.14	0.00237	91.92	7.07	0.00285
84.85	0.00	0.00347	77.78	-7.07	0.00430
70.71	-14.14	0.00543	63.64	-21.21	0.00703
60.10	-24.75	0.00810	56.57	-28.28	0.00940
54.45	-30.41	0.01033	53.03	-31.82	0.01102
51.62	-33.23	0.01177	50.20	-34.65	0.01261
48.79	-36.06	0.01354	36.06	-48.79	0.01052
34.65	-50.20	0.00971	33.23	-51.62	0.00904
31.82	-53.03	0.00847	30.41	-54.45	0.00797
28.28	-56.57	0.00732	24.75	-60.10	0.00645
21.21	-63.64	0.00573	14.14	-70.71	0.00464
7.07	-77.78	0.00382	0.00	-84.85	0.00320
-7.07	-91.92	0.00270	-14.14	-98.99	0.00231
-21.21	-106.07	0.00199	-28.28	-113.14	0.00172

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

15:29:43
 **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	0.00172	113.14	14.14	0.00202
106.07	7.07	0.00240	98.99	0.00	0.00288
91.92	-7.07	0.00350	84.85	-14.14	0.00433
77.78	-21.21	0.00545	70.71	-28.28	0.00706

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00812	63.64	-35.36	0.00943
61.52	-37.48	0.01035	60.10	-38.89	0.01104
58.69	-40.31	0.01179	57.28	-41.72	0.01262
55.86	-43.13	0.01355	43.13	-55.86	0.01053
41.72	-57.28	0.00971	40.31	-58.69	0.00905
38.89	-60.10	0.00848	37.48	-61.52	0.00798
35.36	-63.64	0.00733	31.82	-67.18	0.00645
28.28	-70.71	0.00574	21.21	-77.78	0.00464
14.14	-84.85	0.00382	7.07	-91.92	0.00320
0.00	-98.99	0.00270	-7.07	-106.07	0.00231
-14.14	-113.14	0.00199	-21.21	-120.21	0.00172
127.28	14.14	0.00175	120.21	7.07	0.00205
113.14	0.00	0.00243	106.07	-7.07	0.00291
98.99	-14.14	0.00353	91.92	-21.21	0.00435
84.85	-28.28	0.00547	77.78	-35.36	0.00707
74.25	-38.89	0.00813	70.71	-42.43	0.00944
68.59	-44.55	0.01036	67.18	-45.96	0.01105
65.76	-47.38	0.01180	64.35	-48.79	0.01263
62.93	-50.20	0.01355	50.20	-62.93	0.01053
48.79	-64.35	0.00972	47.38	-65.76	0.00905
45.96	-67.18	0.00848	44.55	-68.59	0.00798
42.43	-70.71	0.00733	38.89	-74.25	0.00645
35.36	-77.78	0.00574	28.28	-84.85	0.00463
21.21	-91.92	0.00382	14.14	-98.99	0.00319
7.07	-106.07	0.00270	0.00	-113.14	0.00231
-7.07	-120.21	0.00199	-14.14	-127.28	0.00172
134.35	7.07	0.00177	127.28	0.00	0.00208
120.21	-7.07	0.00246	113.14	-14.14	0.00293
106.07	-21.21	0.00355	98.99	-28.28	0.00437
91.92	-35.36	0.00549	84.85	-42.43	0.00708
81.32	-45.96	0.00814	77.78	-49.50	0.00944
75.66	-51.62	0.01036	74.25	-53.03	0.01105
72.83	-54.45	0.01180	71.42	-55.86	0.01263
70.00	-57.28	0.01356	57.28	-70.00	0.01053
55.86	-71.42	0.00971	54.45	-72.83	0.00904
53.03	-74.25	0.00847	51.62	-75.66	0.00797

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

15:29:43
 **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 ***

18NCRA_PL93-300_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	0.00733	45.96	-81.32	0.00644
42.43	-84.85	0.00573	35.36	-91.92	0.00462
28.28	-98.99	0.00381	21.21	-106.07	0.00318
14.14	-113.14	0.00269	7.07	-120.21	0.00230
0.00	-127.28	0.00198	-7.07	-134.35	0.00172
141.42	0.00	0.00180	134.35	-7.07	0.00210
127.28	-14.14	0.00248	120.21	-21.21	0.00296
113.14	-28.28	0.00357	106.07	-35.36	0.00438
98.99	-42.43	0.00550	91.92	-49.50	0.00709
88.39	-53.03	0.00814	84.85	-56.57	0.00944
82.73	-58.69	0.01036	81.32	-60.10	0.01104
79.90	-61.52	0.01180	78.49	-62.93	0.01262
77.07	-64.35	0.01355	64.35	-77.07	0.01052
62.93	-78.49	0.00970	61.52	-79.90	0.00903
60.10	-81.32	0.00845	58.69	-82.73	0.00796
56.57	-84.85	0.00731	53.03	-88.39	0.00642
49.50	-91.92	0.00571	42.43	-98.99	0.00461
35.36	-106.07	0.00379	28.28	-113.14	0.00317
21.21	-120.21	0.00268	14.14	-127.28	0.00229
7.07	-134.35	0.00197	0.00	-141.42	0.00171
148.49	-7.07	0.00182	141.42	-14.14	0.00212
134.35	-21.21	0.00250	127.28	-28.28	0.00298
120.21	-35.36	0.00359	113.14	-42.43	0.00439
106.07	-49.50	0.00550	98.99	-56.57	0.00708
95.46	-60.10	0.00813	91.92	-63.64	0.00943
89.80	-65.76	0.01035	88.39	-67.18	0.01104
86.97	-68.59	0.01178	85.56	-70.00	0.01261
84.15	-71.42	0.01353	71.42	-84.15	0.01050
70.00	-85.56	0.00967	68.59	-86.97	0.00901
67.18	-88.39	0.00843	65.76	-89.80	0.00793
63.64	-91.92	0.00728	60.10	-95.46	0.00639
56.57	-98.99	0.00568	49.50	-106.07	0.00458
42.43	-113.14	0.00377	35.36	-120.21	0.00315
28.28	-127.28	0.00266	21.21	-134.35	0.00227
14.14	-141.42	0.00196	7.07	-148.49	0.00170
155.56	-14.14	0.00184	148.49	-21.21	0.00214
141.42	-28.28	0.00252	134.35	-35.36	0.00299
127.28	-42.43	0.00360	120.21	-49.50	0.00440
113.14	-56.57	0.00550	106.07	-63.64	0.00707
102.53	-67.18	0.00812	98.99	-70.71	0.00941

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

*** NCRA Cumulative DPM Impacts

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

15:29:43
 **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	0.01033	95.46	-74.25	0.01101	
94.05	-75.66	0.01176	92.63	-77.07	0.01258	
91.22	-78.49	0.01351	78.49	-91.22	0.01048	
77.07	-92.63	0.00965	75.66	-94.05	0.00897	
74.25	-95.46	0.00839	72.83	-96.87	0.00789	
70.71	-98.99	0.00724	67.18	-102.53	0.00636	
63.64	-106.07	0.00564	56.57	-113.14	0.00454	
49.50	-120.21	0.00374	42.43	-127.28	0.00312	
35.36	-134.35	0.00264	28.28	-141.42	0.00225	
21.21	-148.49	0.00194	14.14	-155.56	0.00169	
162.63	-21.21	0.00186	155.56	-28.28	0.00216	
148.49	-35.36	0.00254	141.42	-42.43	0.00301	
134.35	-49.50	0.00361	127.28	-56.57	0.00441	
120.21	-63.64	0.00549	113.14	-70.71	0.00705	
109.60	-74.25	0.00810	106.07	-77.78	0.00938	
103.94	-79.90	0.01030	102.53	-81.32	0.01098	
101.12	-82.73	0.01172	99.70	-84.15	0.01255	
98.29	-85.56	0.01348	85.56	-98.29	0.01044	
84.15	-99.70	0.00960	82.73	-101.12	0.00891	
81.32	-102.53	0.00834	79.90	-103.94	0.00784	
77.78	-106.07	0.00719	74.25	-109.60	0.00630	
70.71	-113.14	0.00559	63.64	-120.21	0.00450	
56.57	-127.28	0.00370	49.50	-134.35	0.00309	
42.43	-141.42	0.00261	35.36	-148.49	0.00223	
28.28	-155.56	0.00193	21.21	-162.63	0.00168	
169.71	-28.28	0.00188	162.63	-35.36	0.00218	
155.56	-42.43	0.00255	148.49	-49.50	0.00302	
141.42	-56.57	0.00362	134.35	-63.64	0.00441	
127.28	-70.71	0.00548	120.21	-77.78	0.00703	
116.67	-81.32	0.00806	113.14	-84.85	0.00934	
111.02	-86.97	0.01025	109.60	-88.39	0.01093	
108.19	-89.80	0.01167	106.77	-91.22	0.01251	
105.36	-92.63	0.01344	92.63	-105.36	0.01038	
91.22	-106.77	0.00954	89.80	-108.19	0.00885	
88.39	-109.60	0.00827	86.97	-111.02	0.00777	
84.85	-113.14	0.00712	81.32	-116.67	0.00623	

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00552	70.71	-127.28	0.00444
63.64	-134.35	0.00365	56.57	-141.42	0.00304
49.50	-148.49	0.00258	42.43	-155.56	0.00221
35.36	-162.63	0.00191	28.28	-169.71	0.00167

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

15:29:43
 **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	0.00190	169.71	-42.43	0.00220
162.63	-49.50	0.00257	155.56	-56.57	0.00303
148.49	-63.64	0.00362	141.42	-70.71	0.00440
134.35	-77.78	0.00547	127.28	-84.85	0.00699
123.74	-88.39	0.00802	120.21	-91.92	0.00929
118.09	-94.05	0.01020	116.67	-95.46	0.01087
115.26	-96.87	0.01161	113.84	-98.29	0.01244
112.43	-99.70	0.01336	99.70	-112.43	0.01026
98.29	-113.84	0.00945	96.87	-115.26	0.00877
95.46	-116.67	0.00819	94.05	-118.09	0.00768
91.92	-120.21	0.00703	88.39	-123.74	0.00615
84.85	-127.28	0.00544	77.78	-134.35	0.00437
70.71	-141.42	0.00359	63.64	-148.49	0.00299
56.57	-155.56	0.00254	49.50	-162.63	0.00218
42.43	-169.71	0.00189	35.36	-176.78	0.00166
183.85	-42.43	0.00191	176.78	-49.50	0.00221
169.71	-56.57	0.00258	162.63	-63.64	0.00304
155.56	-70.71	0.00362	148.49	-77.78	0.00440
141.42	-84.85	0.00545	134.35	-91.92	0.00696
130.81	-95.46	0.00797	127.28	-98.99	0.00922
125.16	-101.12	0.01012	123.74	-102.53	0.01079
122.33	-103.94	0.01152	120.92	-105.36	0.01234
119.50	-106.77	0.01325	106.77	-119.50	0.01014
105.36	-120.92	0.00932	103.94	-122.33	0.00864
102.53	-123.74	0.00807	101.12	-125.16	0.00756
98.99	-127.28	0.00692	95.46	-130.81	0.00604
91.92	-134.35	0.00534	84.85	-141.42	0.00428
77.78	-148.49	0.00352	70.71	-155.56	0.00294
63.64	-162.63	0.00250	56.57	-169.71	0.00215
49.50	-176.78	0.00187	42.43	-183.85	0.00164

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00192	183.85	-56.57	0.00222
176.78	-63.64	0.00258	169.71	-70.71	0.00304
162.63	-77.78	0.00362	155.56	-84.85	0.00439
148.49	-91.92	0.00543	141.42	-98.99	0.00691
137.89	-102.53	0.00790	134.35	-106.07	0.00914
132.23	-108.19	0.01002	130.81	-109.60	0.01069
129.40	-111.02	0.01141	127.99	-112.43	0.01222
126.57	-113.84	0.01312	113.84	-126.57	0.00999
112.43	-127.99	0.00917	111.02	-129.40	0.00849
109.60	-130.81	0.00791	108.19	-132.23	0.00741

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

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

15:29:43

**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	0.00677	102.53	-137.89	0.00590
98.99	-141.42	0.00522	91.92	-148.49	0.00418
84.85	-155.56	0.00344	77.78	-162.63	0.00289
70.71	-169.71	0.00246	63.64	-176.78	0.00213
56.57	-183.85	0.00186	49.50	-190.92	0.00163
197.99	-56.57	0.00193	190.92	-63.64	0.00223
183.85	-70.71	0.00259	176.78	-77.78	0.00304
169.71	-84.85	0.00362	162.63	-91.92	0.00438
155.56	-98.99	0.00541	148.49	-106.07	0.00686
144.96	-109.60	0.00784	141.42	-113.14	0.00904
139.30	-115.26	0.00990	137.89	-116.67	0.01055
136.47	-118.09	0.01127	135.06	-119.50	0.01206
133.64	-120.92	0.01296	120.92	-133.64	0.00979
119.50	-135.06	0.00896	118.09	-136.47	0.00829
116.67	-137.89	0.00771	115.26	-139.30	0.00722
113.14	-141.42	0.00659	109.60	-144.96	0.00574
106.07	-148.49	0.00507	98.99	-155.56	0.00407
91.92	-162.63	0.00336	84.85	-169.71	0.00284
77.78	-176.78	0.00243	70.71	-183.85	0.00210
63.64	-190.92	0.00184	56.57	-197.99	0.00162
205.06	-63.64	0.00194	197.99	-70.71	0.00223
190.92	-77.78	0.00259	183.85	-84.85	0.00304
176.78	-91.92	0.00361	169.71	-98.99	0.00436
162.63	-106.07	0.00538	155.56	-113.14	0.00681

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00776	148.49	-120.21	0.00893
146.37	-122.33	0.00977	144.96	-123.74	0.01040
143.54	-125.16	0.01110	142.13	-126.57	0.01187
140.71	-127.99	0.01275	127.99	-140.71	0.00952
126.57	-142.13	0.00869	125.16	-143.54	0.00803
123.74	-144.96	0.00746	122.33	-146.37	0.00698
120.21	-148.49	0.00636	116.67	-152.03	0.00554
113.14	-155.56	0.00490	106.07	-162.63	0.00396
98.99	-169.71	0.00329	91.92	-176.78	0.00279
84.85	-183.85	0.00240	77.78	-190.92	0.00208
70.71	-197.99	0.00182	63.64	-205.06	0.00161
212.13	-70.71	0.00194	205.06	-77.78	0.00223
197.99	-84.85	0.00259	190.92	-91.92	0.00303
183.85	-98.99	0.00360	176.78	-106.07	0.00434
169.71	-113.14	0.00534	162.63	-120.21	0.00675
159.10	-123.74	0.00768	155.56	-127.28	0.00882

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

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

15:29:43

**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	0.00963	152.03	-130.81	0.01024
150.61	-132.23	0.01090	149.20	-133.64	0.01164
147.79	-135.06	0.01249	135.06	-147.79	0.00917
133.64	-149.20	0.00835	132.23	-150.61	0.00770
130.81	-152.03	0.00716	129.40	-153.44	0.00669
127.28	-155.56	0.00610	123.74	-159.10	0.00534
120.21	-162.63	0.00474	113.14	-169.71	0.00387
106.07	-176.78	0.00323	98.99	-183.85	0.00275
91.92	-190.92	0.00236	84.85	-197.99	0.00205
77.78	-205.06	0.00180	70.71	-212.13	0.00159
219.20	-77.78	0.00194	212.13	-84.85	0.00223
205.06	-91.92	0.00258	197.99	-98.99	0.00302
190.92	-106.07	0.00358	183.85	-113.14	0.00431
176.78	-120.21	0.00530	169.71	-127.28	0.00668
166.17	-130.81	0.00759	162.63	-134.35	0.00871
160.51	-136.47	0.00949	159.10	-137.89	0.01007
157.68	-139.30	0.01070	156.27	-140.71	0.01140
154.86	-142.13	0.01220	142.13	-154.86	0.00874

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00795	139.30	-157.68	0.00734
137.89	-159.10	0.00683	136.47	-160.51	0.00641
134.35	-162.63	0.00587	130.81	-166.17	0.00517
127.28	-169.71	0.00462	120.21	-176.78	0.00379
113.14	-183.85	0.00317	106.07	-190.92	0.00270
98.99	-197.99	0.00233	91.92	-205.06	0.00203
84.85	-212.13	0.00178	77.78	-219.20	0.00158
226.27	-84.85	0.00194	219.20	-91.92	0.00223
212.13	-98.99	0.00257	205.06	-106.07	0.00301
197.99	-113.14	0.00355	190.92	-120.21	0.00427
183.85	-127.28	0.00523	176.78	-134.35	0.00658
173.24	-137.89	0.00748	169.71	-141.42	0.00856
167.58	-143.54	0.00933	166.17	-144.96	0.00989
164.76	-146.37	0.01050	163.34	-147.79	0.01118
161.93	-149.20	0.01192	149.20	-161.93	0.00831
147.79	-163.34	0.00762	146.37	-164.76	0.00706
144.96	-166.17	0.00661	143.54	-167.58	0.00622
141.42	-169.71	0.00572	137.89	-173.24	0.00505
134.35	-176.78	0.00452	127.28	-183.85	0.00371
120.21	-190.92	0.00311	113.14	-197.99	0.00266
106.07	-205.06	0.00229	98.99	-212.13	0.00200
91.92	-219.20	0.00176	84.85	-226.27	0.00156

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

15:29:43

**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	0.00194	226.27	-98.99	0.00222
219.20	-106.07	0.00257	212.13	-113.14	0.00299
205.06	-120.21	0.00353	197.99	-127.28	0.00423
190.92	-134.35	0.00516	183.85	-141.42	0.00647
180.31	-144.96	0.00733	176.78	-148.49	0.00837
174.66	-150.61	0.00910	173.24	-152.03	0.00964
171.83	-153.44	0.01021	170.41	-154.86	0.01084
169.00	-156.27	0.01150	156.27	-169.00	0.00796
154.86	-170.41	0.00734	153.44	-171.83	0.00682
152.03	-173.24	0.00639	150.61	-174.66	0.00602
148.49	-176.78	0.00555	144.96	-180.31	0.00491
141.42	-183.85	0.00439	134.35	-190.92	0.00362

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00304	120.21	-205.06	0.00260
113.14	-212.13	0.00225	106.07	-219.20	0.00197
98.99	-226.27	0.00173	91.92	-233.35	0.00154
240.42	-98.99	0.00194	233.35	-106.07	0.00222
226.27	-113.14	0.00255	219.20	-120.21	0.00297
212.13	-127.28	0.00349	205.06	-134.35	0.00417
197.99	-141.42	0.00507	190.92	-148.49	0.00631
187.38	-152.03	0.00710	183.85	-155.56	0.00801
181.73	-157.68	0.00861	180.31	-159.10	0.00902
178.90	-160.51	0.00942	177.48	-161.93	0.00980
176.07	-163.34	0.01012	163.34	-176.07	0.00730
161.93	-177.48	0.00684	160.51	-178.90	0.00643
159.10	-180.31	0.00606	157.68	-181.73	0.00573
155.56	-183.85	0.00530	152.03	-187.38	0.00471
148.49	-190.92	0.00422	141.42	-197.99	0.00348
134.35	-205.06	0.00294	127.28	-212.13	0.00252
120.21	-219.20	0.00219	113.14	-226.27	0.00192
106.07	-233.35	0.00170	98.99	-240.42	0.00151
247.49	-106.07	0.00194	240.42	-113.14	0.00221
233.35	-120.21	0.00253	226.27	-127.28	0.00294
219.20	-134.35	0.00344	212.13	-141.42	0.00408
205.06	-148.49	0.00492	197.99	-155.56	0.00602
194.45	-159.10	0.00667	190.92	-162.63	0.00735
188.80	-164.76	0.00774	187.38	-166.17	0.00799
185.97	-167.58	0.00822	184.55	-169.00	0.00840
183.14	-170.41	0.00852	170.41	-183.14	0.00652
169.00	-184.55	0.00620	167.58	-185.97	0.00589
166.17	-187.38	0.00561	164.76	-188.80	0.00534

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

15:29:43
 **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	0.00497	159.10	-194.45	0.00445
155.56	-197.99	0.00402	148.49	-205.06	0.00334
141.42	-212.13	0.00283	134.35	-219.20	0.00243
127.28	-226.27	0.00212	120.21	-233.35	0.00186
113.14	-240.42	0.00165	106.07	-247.49	0.00148

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

04/20/08

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound

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

15:29:43

**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	0.00850 AT (161.93, -149.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT (169.00, -156.27, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT (154.86, -142.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT (147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT (170.41, -154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT (163.34, -147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT (140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00751 AT (156.27, -140.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT (176.07, -163.34, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT (149.20, -133.64, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00850 AT (98.29, -85.56, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT (105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT (91.22, -78.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT (84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT (106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT (99.70, -84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT (77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00751 AT (92.63, -77.07, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT (112.43, -99.70, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT (85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00850 AT (34.65, -21.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT (41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT (27.58, -14.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT (20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT (43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT (36.06, -20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT (13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT (28.99, -13.44, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT (48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT (21.92, -6.36, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

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

15:29:43

**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	0.00850 AT (-28.99, 41.72, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT (-21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT (-36.06, 48.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT (-43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT (-20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT (-27.58, 43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT (-50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT (-34.65, 50.20, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT (-14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT (-41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00850 AT (-92.63, 105.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT (-85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT (-99.70, 112.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT (-106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT (-84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT (-91.22, 106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT (-113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT (-98.29, 113.84, 0.00, 1.20)	DC	NA

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00736	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01356	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01355	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01355	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01355	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01354	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01353	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01353	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01351	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01349	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01348	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA

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

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

04/20/08

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

15:29:43

**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 8 Informational Message(s)
 A Total of 8 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
