

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 20:09:30

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

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

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

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

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

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

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

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

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

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



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

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

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

RE DISCCART -89.8 65.76 1.2  
RE DISCCART -91.92 63.64 1.2  
RE DISCCART -95.46 60.1 1.2  
RE DISCCART -98.99 56.57 1.2  
RE DISCCART -106.07 49.5 1.2  
RE DISCCART -113.14 42.43 1.2  
RE DISCCART -120.21 35.36 1.2  
RE DISCCART -127.28 28.28 1.2  
RE DISCCART -134.35 21.21 1.2  
RE DISCCART -141.42 14.14 1.2  
RE DISCCART -148.49 7.07 1.2  
RE DISCCART 0.0 141.42 1.2  
RE DISCCART -7.07 134.35 1.2  
RE DISCCART -14.14 127.28 1.2  
RE DISCCART -21.21 120.21 1.2  
RE DISCCART -28.28 113.14 1.2  
RE DISCCART -35.36 106.07 1.2  
RE DISCCART -42.43 98.99 1.2  
RE DISCCART -49.5 91.92 1.2  
RE DISCCART -53.03 88.39 1.2  
RE DISCCART -56.57 84.85 1.2  
RE DISCCART -58.69 82.73 1.2  
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RE DISCCART -77.07 64.35 1.2  
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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
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RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
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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
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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
RE DISCCART	-31.82	53.03	1.2
RE DISCCART	-33.23	51.62	1.2
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
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RE DISCCART	-53.03	31.82	1.2
RE DISCCART	-54.45	30.41	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

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



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

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

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

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

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

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

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

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



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

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

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

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

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

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
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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
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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
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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
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RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
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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
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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
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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
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RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
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RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
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RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2



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RE DISCCART	133.64	-149.2	1.2
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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
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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  
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 RE DISCCART 167.58 -185.97 1.2  
 RE DISCCART 166.17 -187.38 1.2  
 RE DISCCART 164.76 -188.8 1.2  
 RE DISCCART 162.63 -190.92 1.2  
 RE DISCCART 159.1 -194.45 1.2  
 RE DISCCART 155.56 -197.99 1.2  
 RE DISCCART 148.49 -205.06 1.2  
 RE DISCCART 141.42 -212.13 1.2  
 RE DISCCART 134.35 -219.2 1.2  
 RE DISCCART 127.28 -226.27 1.2  
 RE DISCCART 120.21 -233.35 1.2  
 RE DISCCART 113.14 -240.42 1.2  
 RE DISCCART 106.07 -247.49 1.2  
 RE FINISHED

ME STARTING  
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros05300.asc"  
 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9902 2005  
 ME UAIRDATA 9902 2005  
 ME STARTEND 2005 01 01 1 2005 12 31 24  
 ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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

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

20:09:30

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

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

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

\*\*Model Uses URBAN Dispersion.

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

\*\*The Model Assumes A Pollutant Type of: OTHER

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

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

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

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

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

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL~1\SANTAR~1\15NCRA~1.DAT



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

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20:09:30

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

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\*\*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);



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

04/18/08

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

20:09:30

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

15NCRA\_SR05-300\_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 \*\*\* IS CST3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

15NCRA\_SR05-300\_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);

15NCRA\_SR05-300\_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 \*\*\*  
 04/18/08

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

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20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

(	-2.1,	26.2,	0.0,	1.2);	(	-3.5,	24.8,	0.0,	1.2);
(	-4.9,	23.3,	0.0,	1.2);	(	-6.4,	21.9,	0.0,	1.2);
(	-7.8,	20.5,	0.0,	1.2);	(	-20.5,	7.8,	0.0,	1.2);
(	-21.9,	6.4,	0.0,	1.2);	(	-23.3,	4.9,	0.0,	1.2);
(	-24.8,	3.5,	0.0,	1.2);	(	-26.2,	2.1,	0.0,	1.2);
(	-28.3,	0.0,	0.0,	1.2);	(	-31.8,	-3.5,	0.0,	1.2);
(	-35.4,	-7.1,	0.0,	1.2);	(	-42.4,	-14.1,	0.0,	1.2);
(	-49.5,	-21.2,	0.0,	1.2);	(	-56.6,	-28.3,	0.0,	1.2);
(	-63.6,	-35.4,	0.0,	1.2);	(	-70.7,	-42.4,	0.0,	1.2);
(	-77.8,	-49.5,	0.0,	1.2);	(	-84.8,	-56.6,	0.0,	1.2);

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(	63.6,	77.8,	0.0,	1.2);	(	56.6,	70.7,	0.0,	1.2);
(	49.5,	63.6,	0.0,	1.2);	(	42.4,	56.6,	0.0,	1.2);
(	35.4,	49.5,	0.0,	1.2);	(	28.3,	42.4,	0.0,	1.2);
(	21.2,	35.4,	0.0,	1.2);	(	14.1,	28.3,	0.0,	1.2);
(	10.6,	24.8,	0.0,	1.2);	(	7.1,	21.2,	0.0,	1.2);
(	4.9,	19.1,	0.0,	1.2);	(	3.5,	17.7,	0.0,	1.2);
(	2.1,	16.3,	0.0,	1.2);	(	0.7,	14.9,	0.0,	1.2);
(	-0.7,	13.4,	0.0,	1.2);	(	-13.4,	0.7,	0.0,	1.2);
(	-14.9,	-0.7,	0.0,	1.2);	(	-16.3,	-2.1,	0.0,	1.2);
(	-17.7,	-3.5,	0.0,	1.2);	(	-19.1,	-4.9,	0.0,	1.2);
(	-21.2,	-7.1,	0.0,	1.2);	(	-24.8,	-10.6,	0.0,	1.2);
(	-28.3,	-14.1,	0.0,	1.2);	(	-35.4,	-21.2,	0.0,	1.2);
(	-42.4,	-28.3,	0.0,	1.2);	(	-49.5,	-35.4,	0.0,	1.2);
(	-56.6,	-42.4,	0.0,	1.2);	(	-63.6,	-49.5,	0.0,	1.2);
(	-70.7,	-56.6,	0.0,	1.2);	(	-77.8,	-63.6,	0.0,	1.2);
(	70.7,	70.7,	0.0,	1.2);	(	63.6,	63.6,	0.0,	1.2);
(	56.6,	56.6,	0.0,	1.2);	(	49.5,	49.5,	0.0,	1.2);
(	42.4,	42.4,	0.0,	1.2);	(	35.4,	35.4,	0.0,	1.2);
(	28.3,	28.3,	0.0,	1.2);	(	21.2,	21.2,	0.0,	1.2);
(	17.7,	17.7,	0.0,	1.2);	(	14.1,	14.1,	0.0,	1.2);
(	12.0,	12.0,	0.0,	1.2);	(	10.6,	10.6,	0.0,	1.2);
(	9.2,	9.2,	0.0,	1.2);	(	7.8,	7.8,	0.0,	1.2);
(	6.4,	6.4,	0.0,	1.2);	(	-6.4,	-6.4,	0.0,	1.2);
(	-7.8,	-7.8,	0.0,	1.2);	(	-9.2,	-9.2,	0.0,	1.2);
(	-10.6,	-10.6,	0.0,	1.2);	(	-12.0,	-12.0,	0.0,	1.2);
(	-14.1,	-14.1,	0.0,	1.2);	(	-17.7,	-17.7,	0.0,	1.2);
(	-21.2,	-21.2,	0.0,	1.2);	(	-28.3,	-28.3,	0.0,	1.2);



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

( 84.8, 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);

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

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\*\*MODELOPTs:

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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);

15NCRA\_SR05-300\_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 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

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

\*\*\*

20:09:30

\*\*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);

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20:09:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA\_SR05-300\_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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

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



15NCRA\_SR05-300\_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)
05	01	01	01	259.0	1.00	278.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	02	304.4	1.00	277.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	03	118.0	1.00	276.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	04	118.9	1.16	275.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	05	178.7	1.34	276.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	06	277.5	1.39	276.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	07	137.2	1.07	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	08	242.1	1.03	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	09	123.5	1.21	276.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	10	178.1	1.16	278.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	11	292.0	2.28	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	12	358.2	3.22	283.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	13	7.7	2.77	282.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	14	7.0	3.89	284.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	15	67.5	4.02	283.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	16	25.5	2.46	283.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	17	349.9	1.70	283.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	18	341.4	2.55	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	19	326.7	2.32	280.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	20	334.6	1.61	279.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	21	178.1	1.61	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	22	269.8	2.24	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	23	222.7	1.12	279.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	24	143.7	1.61	279.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.28	212.13	0.00013	-134.35	205.06	0.00012
-141.42	197.99	0.00012	-148.49	190.92	0.00011
-152.03	187.38	0.00011	-155.56	183.85	0.00011
-157.68	181.73	0.00011	-159.10	180.31	0.00010
-160.51	178.90	0.00010	-161.93	177.48	0.00010
-163.34	176.07	0.00010	-176.07	163.34	0.00009
-177.48	161.93	0.00009	-178.90	160.51	0.00009
-180.31	159.10	0.00009	-181.73	157.68	0.00009
-183.85	155.56	0.00008	-187.38	152.03	0.00008
-190.92	148.49	0.00008	-197.99	141.42	0.00007
-205.06	134.35	0.00007	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00005
-233.35	106.07	0.00005	-240.42	98.99	0.00004
-91.92	233.35	0.00014	-98.99	226.27	0.00014
-106.07	219.20	0.00014	-113.14	212.13	0.00013
-120.21	205.06	0.00013	-127.28	197.99	0.00013
-134.35	190.92	0.00012	-141.42	183.85	0.00012
-144.96	180.31	0.00012	-148.49	176.78	0.00011
-150.61	174.66	0.00011	-152.03	173.24	0.00011
-153.44	171.83	0.00011	-154.86	170.41	0.00011
-156.27	169.00	0.00011	-169.00	156.27	0.00009
-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      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20:09:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00013	-130.81	152.03	0.00013
-132.23	150.61	0.00013	-133.64	149.20	0.00012
-135.06	147.79	0.00012	-147.79	135.06	0.00011
-149.20	133.64	0.00011	-150.61	132.23	0.00010
-152.03	130.81	0.00010	-153.44	129.40	0.00010

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20:09:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

15NCRA\_SR05-300\_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	0.00020	-56.57	183.85	0.00019
-63.64	176.78	0.00019	-70.71	169.71	0.00019
-77.78	162.63	0.00018	-84.85	155.56	0.00018
-91.92	148.49	0.00017	-98.99	141.42	0.00016
-102.53	137.89	0.00016	-106.07	134.35	0.00015
-108.19	132.23	0.00015	-109.60	130.81	0.00015
-111.02	129.40	0.00015	-112.43	127.99	0.00015
-113.84	126.57	0.00014	-126.57	113.84	0.00013
-127.99	112.43	0.00012	-129.40	111.02	0.00012
-130.81	109.60	0.00012	-132.23	108.19	0.00012
-134.35	106.07	0.00011	-137.89	102.53	0.00011
-141.42	98.99	0.00010	-148.49	91.92	0.00009
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00007	-176.78	63.64	0.00006
-183.85	56.57	0.00006	-190.92	49.50	0.00005
-42.43	183.85	0.00021	-49.50	176.78	0.00021
-56.57	169.71	0.00020	-63.64	162.63	0.00020
-70.71	155.56	0.00019	-77.78	148.49	0.00019
-84.85	141.42	0.00018	-91.92	134.35	0.00017
-95.46	130.81	0.00017	-98.99	127.28	0.00016
-101.12	125.16	0.00016	-102.53	123.74	0.00016
-103.94	122.33	0.00016	-105.36	120.92	0.00015
-106.77	119.50	0.00015	-119.50	106.77	0.00013
-120.92	105.36	0.00013	-122.33	103.94	0.00013
-123.74	102.53	0.00012	-125.16	101.12	0.00012
-127.28	98.99	0.00012	-130.81	95.46	0.00011
-134.35	91.92	0.00011	-141.42	84.85	0.00010
-148.49	77.78	0.00009	-155.56	70.71	0.00008
-162.63	63.64	0.00007	-169.71	56.57	0.00007
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00022	-42.43	169.71	0.00022
-49.50	162.63	0.00021	-56.57	155.56	0.00021
-63.64	148.49	0.00020	-70.71	141.42	0.00020
-77.78	134.35	0.00019	-84.85	127.28	0.00018
-88.39	123.74	0.00018	-91.92	120.21	0.00017
-94.05	118.09	0.00017	-95.46	116.67	0.00017
-96.87	115.26	0.00017	-98.29	113.84	0.00016
-99.70	112.43	0.00016	-112.43	99.70	0.00014
-113.84	98.29	0.00014	-115.26	96.87	0.00013
-116.67	95.46	0.00013	-118.09	94.05	0.00013

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00025	-49.50	120.21	0.00024
-56.57	113.14	0.00023	-63.64	106.07	0.00022
-67.18	102.53	0.00022	-70.71	98.99	0.00021

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

20:09:30  
 \*\*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	0.00020	-74.25	95.46	0.00020
-75.66	94.05	0.00020	-77.07	92.63	0.00020
-78.49	91.22	0.00019	-91.22	78.49	0.00016
-92.63	77.07	0.00016	-94.05	75.66	0.00016
-95.46	74.25	0.00015	-96.87	72.83	0.00015
-98.99	70.71	0.00015	-102.53	67.18	0.00014
-106.07	63.64	0.00013	-113.14	56.57	0.00012
-120.21	49.50	0.00010	-127.28	42.43	0.00009
-134.35	35.36	0.00008	-141.42	28.28	0.00008
-148.49	21.21	0.00007	-155.56	14.14	0.00006
-7.07	148.49	0.00029	-14.14	141.42	0.00028
-21.21	134.35	0.00028	-28.28	127.28	0.00027
-35.36	120.21	0.00027	-42.43	113.14	0.00026
-49.50	106.07	0.00025	-56.57	98.99	0.00024
-60.10	95.46	0.00023	-63.64	91.92	0.00022
-65.76	89.80	0.00022	-67.18	88.39	0.00022
-68.59	86.97	0.00021	-70.00	85.56	0.00021
-71.42	84.15	0.00021	-84.15	71.42	0.00018
-85.56	70.00	0.00017	-86.97	68.59	0.00017
-88.39	67.18	0.00016	-89.80	65.76	0.00016
-91.92	63.64	0.00016	-95.46	60.10	0.00015
-98.99	56.57	0.00014	-106.07	49.50	0.00012
-113.14	42.43	0.00011	-120.21	35.36	0.00010
-127.28	28.28	0.00009	-134.35	21.21	0.00008
-141.42	14.14	0.00007	-148.49	7.07	0.00006
0.00	141.42	0.00031	-7.07	134.35	0.00031
-14.14	127.28	0.00030	-21.21	120.21	0.00029
-28.28	113.14	0.00029	-35.36	106.07	0.00028
-42.43	98.99	0.00027	-49.50	91.92	0.00025
-53.03	88.39	0.00025	-56.57	84.85	0.00024
-58.69	82.73	0.00024	-60.10	81.32	0.00023

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00023	-62.93	78.49	0.00022
-64.35	77.07	0.00022	-77.07	64.35	0.00019
-78.49	62.93	0.00018	-79.90	61.52	0.00018
-81.32	60.10	0.00017	-82.73	58.69	0.00017
-84.85	56.57	0.00016	-88.39	53.03	0.00015
-91.92	49.50	0.00015	-98.99	42.43	0.00013
-106.07	35.36	0.00011	-113.14	28.28	0.00010
-120.21	21.21	0.00009	-127.28	14.14	0.00008
-134.35	7.07	0.00007	-141.42	0.00	0.00007

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

20:09:30  
 \*\*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	0.00033	0.00	127.28	0.00033
-7.07	120.21	0.00032	-14.14	113.14	0.00032
-21.21	106.07	0.00031	-28.28	98.99	0.00030
-35.36	91.92	0.00029	-42.43	84.85	0.00027
-45.96	81.32	0.00027	-49.50	77.78	0.00026
-51.62	75.66	0.00025	-53.03	74.25	0.00025
-54.45	72.83	0.00025	-55.86	71.42	0.00024
-57.28	70.00	0.00024	-70.00	57.28	0.00020
-71.42	55.86	0.00019	-72.83	54.45	0.00019
-74.25	53.03	0.00019	-75.66	51.62	0.00018
-77.78	49.50	0.00017	-81.32	45.96	0.00016
-84.85	42.43	0.00015	-91.92	35.36	0.00013
-98.99	28.28	0.00012	-106.07	21.21	0.00010
-113.14	14.14	0.00009	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00007
14.14	127.28	0.00036	7.07	120.21	0.00036
0.00	113.14	0.00035	-7.07	106.07	0.00034
-14.14	98.99	0.00033	-21.21	91.92	0.00032
-28.28	84.85	0.00031	-35.36	77.78	0.00030
-38.89	74.25	0.00029	-42.43	70.71	0.00028
-44.55	68.59	0.00027	-45.96	67.18	0.00027
-47.38	65.76	0.00026	-48.79	64.35	0.00026
-50.20	62.93	0.00026	-62.93	50.20	0.00021
-64.35	48.79	0.00021	-65.76	47.38	0.00020
-67.18	45.96	0.00020	-68.59	44.55	0.00019

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00019	-74.25	38.89	0.00017
-77.78	35.36	0.00016	-84.85	28.28	0.00014
-91.92	21.21	0.00012	-98.99	14.14	0.00011
-106.07	7.07	0.00010	-113.14	0.00	0.00009
-120.21	-7.07	0.00008	-127.28	-14.14	0.00007
21.21	120.21	0.00039	14.14	113.14	0.00038
7.07	106.07	0.00038	0.00	98.99	0.00037
-7.07	91.92	0.00036	-14.14	84.85	0.00035
-21.21	77.78	0.00034	-28.28	70.71	0.00032
-31.82	67.18	0.00031	-35.36	63.64	0.00030
-37.48	61.52	0.00030	-38.89	60.10	0.00029
-40.31	58.69	0.00029	-41.72	57.28	0.00028
-43.13	55.86	0.00028	-55.86	43.13	0.00023
-57.28	41.72	0.00022	-58.69	40.31	0.00022
-60.10	38.89	0.00021	-61.52	37.48	0.00021

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00020	-67.18	31.82	0.00018
-70.71	28.28	0.00017	-77.78	21.21	0.00015
-84.85	14.14	0.00013	-91.92	7.07	0.00011
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00008	-120.21	-21.21	0.00007
28.28	113.14	0.00042	21.21	106.07	0.00042
14.14	98.99	0.00041	7.07	91.92	0.00040
0.00	84.85	0.00039	-7.07	77.78	0.00038
-14.14	70.71	0.00037	-21.21	63.64	0.00035
-24.75	60.10	0.00034	-28.28	56.57	0.00033
-30.41	54.45	0.00032	-31.82	53.03	0.00032
-33.23	51.62	0.00031	-34.65	50.20	0.00031
-36.06	48.79	0.00030	-48.79	36.06	0.00024
-50.20	34.65	0.00024	-51.62	33.23	0.00023
-53.03	31.82	0.00023	-54.45	30.41	0.00022
-56.57	28.28	0.00021	-60.10	24.75	0.00020
-63.64	21.21	0.00018	-70.71	14.14	0.00016
-77.78	7.07	0.00014	-84.85	0.00	0.00012
-91.92	-7.07	0.00011	-98.99	-14.14	0.00009

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00008	-113.14	-28.28	0.00008
35.36	106.07	0.00046	28.28	98.99	0.00045
21.21	91.92	0.00045	14.14	84.85	0.00044
7.07	77.78	0.00043	0.00	70.71	0.00042
-7.07	63.64	0.00040	-14.14	56.57	0.00038
-17.68	53.03	0.00037	-21.21	49.50	0.00036
-23.33	47.38	0.00035	-24.75	45.96	0.00034
-26.16	44.55	0.00034	-27.58	43.13	0.00033
-28.99	41.72	0.00033	-41.72	28.99	0.00026
-43.13	27.58	0.00026	-44.55	26.16	0.00025
-45.96	24.75	0.00024	-47.38	23.33	0.00024
-49.50	21.21	0.00023	-53.03	17.68	0.00021
-56.57	14.14	0.00019	-63.64	7.07	0.00017
-70.71	0.00	0.00014	-77.78	-7.07	0.00012
-84.85	-14.14	0.00011	-91.92	-21.21	0.00010
-98.99	-28.28	0.00009	-106.07	-35.36	0.00008
42.43	98.99	0.00049	35.36	91.92	0.00050
28.28	84.85	0.00049	21.21	77.78	0.00048
14.14	70.71	0.00047	7.07	63.64	0.00046
0.00	56.57	0.00044	-7.07	49.50	0.00042
-10.61	45.96	0.00041	-14.14	42.43	0.00039

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00038	-17.68	38.89	0.00038
-19.09	37.48	0.00037	-20.51	36.06	0.00036
-21.92	34.65	0.00036	-34.65	21.92	0.00029
-36.06	20.51	0.00028	-37.48	19.09	0.00027
-38.89	17.68	0.00026	-40.31	16.26	0.00025
-42.43	14.14	0.00024	-45.96	10.61	0.00022
-49.50	7.07	0.00021	-56.57	0.00	0.00018
-63.64	-7.07	0.00015	-70.71	-14.14	0.00013
-77.78	-21.21	0.00011	-84.85	-28.28	0.00010
-91.92	-35.36	0.00009	-98.99	-42.43	0.00008
49.50	91.92	0.00054	42.43	84.85	0.00054
35.36	77.78	0.00054	28.28	70.71	0.00053
21.21	63.64	0.00052	14.14	56.57	0.00050

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00049	0.00	42.43	0.00046
-3.54	38.89	0.00045	-7.07	35.36	0.00043
-9.19	33.23	0.00042	-10.61	31.82	0.00041
-12.02	30.41	0.00041	-13.44	28.99	0.00040
-14.85	27.58	0.00039	-27.58	14.85	0.00031
-28.99	13.44	0.00030	-30.41	12.02	0.00029
-31.82	10.61	0.00028	-33.23	9.19	0.00027
-35.36	7.07	0.00026	-38.89	3.54	0.00024
-42.43	0.00	0.00022	-49.50	-7.07	0.00019
-56.57	-14.14	0.00016	-63.64	-21.21	0.00014
-70.71	-28.28	0.00012	-77.78	-35.36	0.00011
-84.85	-42.43	0.00010	-91.92	-49.50	0.00009
56.57	84.85	0.00058	49.50	77.78	0.00059
42.43	70.71	0.00059	35.36	63.64	0.00059
28.28	56.57	0.00057	21.21	49.50	0.00056
14.14	42.43	0.00054	7.07	35.36	0.00051
3.54	31.82	0.00050	0.00	28.28	0.00048
-2.12	26.16	0.00047	-3.54	24.75	0.00046
-4.95	23.33	0.00045	-6.36	21.92	0.00044
-7.78	20.51	0.00043	-20.51	7.78	0.00034
-21.92	6.36	0.00033	-23.33	4.95	0.00032
-24.75	3.54	0.00031	-26.16	2.12	0.00029
-28.28	0.00	0.00028	-31.82	-3.54	0.00026
-35.36	-7.07	0.00023	-42.43	-14.14	0.00020
-49.50	-21.21	0.00017	-56.57	-28.28	0.00014
-63.64	-35.36	0.00013	-70.71	-42.43	0.00011
-77.78	-49.50	0.00010	-84.85	-56.57	0.00009

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

20:09:30  
 \*\*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	0.00063	56.57	70.71	0.00065
49.50	63.64	0.00066	42.43	56.57	0.00065
35.36	49.50	0.00064	28.28	42.43	0.00062
21.21	35.36	0.00060	14.14	28.28	0.00057
10.61	24.75	0.00055	7.07	21.21	0.00053
4.95	19.09	0.00052	3.54	17.68	0.00051
2.12	16.26	0.00050	0.71	14.85	0.00049

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00048	-13.44	0.71	0.00037
-14.85	-0.71	0.00036	-16.26	-2.12	0.00034
-17.68	-3.54	0.00033	-19.09	-4.95	0.00032
-21.21	-7.07	0.00030	-24.75	-10.61	0.00027
-28.28	-14.14	0.00025	-35.36	-21.21	0.00021
-42.43	-28.28	0.00018	-49.50	-35.36	0.00015
-56.57	-42.43	0.00013	-63.64	-49.50	0.00012
-70.71	-56.57	0.00010	-77.78	-63.64	0.00010
70.71	70.71	0.00069	63.64	63.64	0.00071
56.57	56.57	0.00072	49.50	49.50	0.00073
42.43	42.43	0.00071	35.36	35.36	0.00070
28.28	28.28	0.00067	21.21	21.21	0.00064
17.68	17.68	0.00062	14.14	14.14	0.00059
12.02	12.02	0.00058	10.61	10.61	0.00057
9.19	9.19	0.00056	7.78	7.78	0.00054
6.36	6.36	0.00053	-6.36	-6.36	0.00040
-7.78	-7.78	0.00039	-9.19	-9.19	0.00038
-10.61	-10.61	0.00036	-12.02	-12.02	0.00035
-14.14	-14.14	0.00033	-17.68	-17.68	0.00030
-21.21	-21.21	0.00027	-28.28	-28.28	0.00022
-35.36	-35.36	0.00019	-42.43	-42.43	0.00016
-49.50	-49.50	0.00014	-56.57	-56.57	0.00012
-63.64	-63.64	0.00011	-70.71	-70.71	0.00010
77.78	63.64	0.00075	70.71	56.57	0.00078
63.64	49.50	0.00080	56.57	42.43	0.00081
49.50	35.36	0.00080	42.43	28.28	0.00078
35.36	21.21	0.00076	28.28	14.14	0.00072
24.75	10.61	0.00070	21.21	7.07	0.00067
19.09	4.95	0.00065	17.68	3.54	0.00064
16.26	2.12	0.00063	14.85	0.71	0.00061
13.44	-0.71	0.00060	0.71	-13.44	0.00045
-0.71	-14.85	0.00043	-2.12	-16.26	0.00041
-3.54	-17.68	0.00039	-4.95	-19.09	0.00038

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

20:09:30  
 \*\*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	0.00035	-10.61	-24.75	0.00032

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00029	-21.21	-35.36	0.00024
-28.28	-42.43	0.00020	-35.36	-49.50	0.00017
-42.43	-56.57	0.00015	-49.50	-63.64	0.00013
-56.57	-70.71	0.00012	-63.64	-77.78	0.00011
84.85	56.57	0.00081	77.78	49.50	0.00085
70.71	42.43	0.00089	63.64	35.36	0.00091
56.57	28.28	0.00091	49.50	21.21	0.00089
42.43	14.14	0.00086	35.36	7.07	0.00082
31.82	3.54	0.00079	28.28	0.00	0.00076
26.16	-2.12	0.00074	24.75	-3.54	0.00073
23.33	-4.95	0.00071	21.92	-6.36	0.00069
20.51	-7.78	0.00068	7.78	-20.51	0.00049
6.36	-21.92	0.00047	4.95	-23.33	0.00045
3.54	-24.75	0.00043	2.12	-26.16	0.00041
0.00	-28.28	0.00039	-3.54	-31.82	0.00034
-7.07	-35.36	0.00031	-14.14	-42.43	0.00025
-21.21	-49.50	0.00021	-28.28	-56.57	0.00018
-35.36	-63.64	0.00015	-42.43	-70.71	0.00014
-49.50	-77.78	0.00012	-56.57	-84.85	0.00011
91.92	49.50	0.00087	84.85	42.43	0.00093
77.78	35.36	0.00098	70.71	28.28	0.00101
63.64	21.21	0.00103	56.57	14.14	0.00102
49.50	7.07	0.00098	42.43	0.00	0.00094
38.89	-3.54	0.00091	35.36	-7.07	0.00087
33.23	-9.19	0.00085	31.82	-10.61	0.00083
30.41	-12.02	0.00081	28.99	-13.44	0.00079
27.58	-14.85	0.00077	14.85	-27.58	0.00055
13.44	-28.99	0.00052	12.02	-30.41	0.00050
10.61	-31.82	0.00048	9.19	-33.23	0.00045
7.07	-35.36	0.00042	3.54	-38.89	0.00037
0.00	-42.43	0.00033	-7.07	-49.50	0.00027
-14.14	-56.57	0.00022	-21.21	-63.64	0.00019
-28.28	-70.71	0.00016	-35.36	-77.78	0.00015
-42.43	-84.85	0.00013	-49.50	-91.92	0.00012
98.99	42.43	0.00094	91.92	35.36	0.00102
84.85	28.28	0.00108	77.78	21.21	0.00114
70.71	14.14	0.00117	63.64	7.07	0.00117
56.57	0.00	0.00114	49.50	-7.07	0.00108
45.96	-10.61	0.00105	42.43	-14.14	0.00101

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00098	38.89	-17.68	0.00096
37.48	-19.09	0.00094	36.06	-20.51	0.00091
34.65	-21.92	0.00089	21.92	-34.65	0.00062
20.51	-36.06	0.00058	19.09	-37.48	0.00056
17.68	-38.89	0.00053	16.26	-40.31	0.00050
14.14	-42.43	0.00046	10.61	-45.96	0.00041
7.07	-49.50	0.00036	0.00	-56.57	0.00029
-7.07	-63.64	0.00023	-14.14	-70.71	0.00020
-21.21	-77.78	0.00017	-28.28	-84.85	0.00016
-35.36	-91.92	0.00014	-42.43	-98.99	0.00013
106.07	35.36	0.00101	98.99	28.28	0.00110
91.92	21.21	0.00119	84.85	14.14	0.00127
77.78	7.07	0.00133	70.71	0.00	0.00135
63.64	-7.07	0.00133	56.57	-14.14	0.00127
53.03	-17.68	0.00123	49.50	-21.21	0.00118
47.38	-23.33	0.00114	45.96	-24.75	0.00112
44.55	-26.16	0.00109	43.13	-27.58	0.00106
41.72	-28.99	0.00103	28.99	-41.72	0.00069
27.58	-43.13	0.00065	26.16	-44.55	0.00062
24.75	-45.96	0.00058	23.33	-47.38	0.00055
21.21	-49.50	0.00051	17.68	-53.03	0.00044
14.14	-56.57	0.00039	7.07	-63.64	0.00031
0.00	-70.71	0.00025	-7.07	-77.78	0.00021
-14.14	-84.85	0.00019	-21.21	-91.92	0.00017
-28.28	-98.99	0.00015	-35.36	-106.07	0.00014
113.14	28.28	0.00108	106.07	21.21	0.00119
98.99	14.14	0.00131	91.92	7.07	0.00142
84.85	0.00	0.00151	77.78	-7.07	0.00156
70.71	-14.14	0.00156	63.64	-21.21	0.00150
60.10	-24.75	0.00145	56.57	-28.28	0.00140
54.45	-30.41	0.00136	53.03	-31.82	0.00132
51.62	-33.23	0.00129	50.20	-34.65	0.00126
48.79	-36.06	0.00122	36.06	-48.79	0.00078
34.65	-50.20	0.00074	33.23	-51.62	0.00069
31.82	-53.03	0.00065	30.41	-54.45	0.00061
28.28	-56.57	0.00055	24.75	-60.10	0.00048
21.21	-63.64	0.00042	14.14	-70.71	0.00033
7.07	-77.78	0.00027	0.00	-84.85	0.00023
-7.07	-91.92	0.00020	-14.14	-98.99	0.00018

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00017 -28.28 -113.14 0.00015

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00114	113.14	14.14	0.00128
106.07	7.07	0.00143	98.99	0.00	0.00158
91.92	-7.07	0.00171	84.85	-14.14	0.00181
77.78	-21.21	0.00185	70.71	-28.28	0.00180
67.18	-31.82	0.00175	63.64	-35.36	0.00168
61.52	-37.48	0.00163	60.10	-38.89	0.00159
58.69	-40.31	0.00155	57.28	-41.72	0.00150
55.86	-43.13	0.00146	43.13	-55.86	0.00089
41.72	-57.28	0.00083	40.31	-58.69	0.00077
38.89	-60.10	0.00072	37.48	-61.52	0.00067
35.36	-63.64	0.00061	31.82	-67.18	0.00052
28.28	-70.71	0.00045	21.21	-77.78	0.00035
14.14	-84.85	0.00029	7.07	-91.92	0.00025
0.00	-98.99	0.00022	-7.07	-106.07	0.00020
-14.14	-113.14	0.00018	-21.21	-120.21	0.00016
127.28	14.14	0.00119	120.21	7.07	0.00136
113.14	0.00	0.00154	106.07	-7.07	0.00174
98.99	-14.14	0.00193	91.92	-21.21	0.00210
84.85	-28.28	0.00220	77.78	-35.36	0.00219
74.25	-38.89	0.00214	70.71	-42.43	0.00205
68.59	-44.55	0.00199	67.18	-45.96	0.00194
65.76	-47.38	0.00189	64.35	-48.79	0.00183
62.93	-50.20	0.00177	50.20	-62.93	0.00102
48.79	-64.35	0.00094	47.38	-65.76	0.00087
45.96	-67.18	0.00080	44.55	-68.59	0.00074
42.43	-70.71	0.00067	38.89	-74.25	0.00056
35.36	-77.78	0.00049	28.28	-84.85	0.00038
21.21	-91.92	0.00032	14.14	-98.99	0.00027
7.07	-106.07	0.00024	0.00	-113.14	0.00021
-7.07	-120.21	0.00019	-14.14	-127.28	0.00017
134.35	7.07	0.00124	127.28	0.00	0.00143
120.21	-7.07	0.00164	113.14	-14.14	0.00189
106.07	-21.21	0.00216	98.99	-28.28	0.00241

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00261	84.85	-42.43	0.00269
81.32	-45.96	0.00265	77.78	-49.50	0.00256
75.66	-51.62	0.00249	74.25	-53.03	0.00242
72.83	-54.45	0.00236	71.42	-55.86	0.00228
70.00	-57.28	0.00220	57.28	-70.00	0.00116
55.86	-71.42	0.00106	54.45	-72.83	0.00097
53.03	-74.25	0.00089	51.62	-75.66	0.00082

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00073	45.96	-81.32	0.00061
42.43	-84.85	0.00053	35.36	-91.92	0.00042
28.28	-98.99	0.00035	21.21	-106.07	0.00030
14.14	-113.14	0.00026	7.07	-120.21	0.00023
0.00	-127.28	0.00020	-7.07	-134.35	0.00018
141.42	0.00	0.00127	134.35	-7.07	0.00148
127.28	-14.14	0.00173	120.21	-21.21	0.00202
113.14	-28.28	0.00236	106.07	-35.36	0.00273
98.99	-42.43	0.00307	91.92	-49.50	0.00330
88.39	-53.03	0.00333	84.85	-56.57	0.00326
82.73	-58.69	0.00318	81.32	-60.10	0.00310
79.90	-61.52	0.00301	78.49	-62.93	0.00291
77.07	-64.35	0.00279	64.35	-77.07	0.00132
62.93	-78.49	0.00119	61.52	-79.90	0.00108
60.10	-81.32	0.00098	58.69	-82.73	0.00090
56.57	-84.85	0.00079	53.03	-88.39	0.00066
49.50	-91.92	0.00057	42.43	-98.99	0.00046
35.36	-106.07	0.00038	28.28	-113.14	0.00033
21.21	-120.21	0.00028	14.14	-127.28	0.00025
7.07	-134.35	0.00022	0.00	-141.42	0.00019
148.49	-7.07	0.00130	141.42	-14.14	0.00153
134.35	-21.21	0.00180	127.28	-28.28	0.00213
120.21	-35.36	0.00254	113.14	-42.43	0.00301
106.07	-49.50	0.00353	98.99	-56.57	0.00400
95.46	-60.10	0.00415	91.92	-63.64	0.00420
89.80	-65.76	0.00414	88.39	-67.18	0.00407
86.97	-68.59	0.00396	85.56	-70.00	0.00383

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00367	71.42	-84.15	0.00149
70.00	-85.56	0.00132	68.59	-86.97	0.00118
67.18	-88.39	0.00107	65.76	-89.80	0.00097
63.64	-91.92	0.00086	60.10	-95.46	0.00072
56.57	-98.99	0.00063	49.50	-106.07	0.00050
42.43	-113.14	0.00042	35.36	-120.21	0.00036
28.28	-127.28	0.00031	21.21	-134.35	0.00027
14.14	-141.42	0.00023	7.07	-148.49	0.00021
155.56	-14.14	0.00132	148.49	-21.21	0.00156
141.42	-28.28	0.00186	134.35	-35.36	0.00223
127.28	-42.43	0.00269	120.21	-49.50	0.00326
113.14	-56.57	0.00393	106.07	-63.64	0.00467
102.53	-67.18	0.00503	98.99	-70.71	0.00531

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

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00540	95.46	-74.25	0.00540
94.05	-75.66	0.00534	92.63	-77.07	0.00522
91.22	-78.49	0.00503	78.49	-91.22	0.00164
77.07	-92.63	0.00144	75.66	-94.05	0.00128
74.25	-95.46	0.00116	72.83	-96.87	0.00106
70.71	-98.99	0.00094	67.18	-102.53	0.00080
63.64	-106.07	0.00069	56.57	-113.14	0.00055
49.50	-120.21	0.00046	42.43	-127.28	0.00039
35.36	-134.35	0.00033	28.28	-141.42	0.00029
21.21	-148.49	0.00025	14.14	-155.56	0.00022
162.63	-21.21	0.00133	155.56	-28.28	0.00158
148.49	-35.36	0.00190	141.42	-42.43	0.00230
134.35	-49.50	0.00281	127.28	-56.57	0.00346
120.21	-63.64	0.00427	113.14	-70.71	0.00525
109.60	-74.25	0.00579	106.07	-77.78	0.00633
103.94	-79.90	0.00662	102.53	-81.32	0.00679
101.12	-82.73	0.00695	99.70	-84.15	0.00706
98.29	-85.56	0.00707	85.56	-98.29	0.00179
84.15	-99.70	0.00156	82.73	-101.12	0.00139
81.32	-102.53	0.00126	79.90	-103.94	0.00115
77.78	-106.07	0.00102	74.25	-109.60	0.00087

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00076	63.64	-120.21	0.00061
56.57	-127.28	0.00050	49.50	-134.35	0.00042
42.43	-141.42	0.00036	35.36	-148.49	0.00031
28.28	-155.56	0.00027	21.21	-162.63	0.00023
169.71	-28.28	0.00133	162.63	-35.36	0.00159
155.56	-42.43	0.00192	148.49	-49.50	0.00234
141.42	-56.57	0.00289	134.35	-63.64	0.00360
127.28	-70.71	0.00453	120.21	-77.78	0.00569
116.67	-81.32	0.00637	113.14	-84.85	0.00709
111.02	-86.97	0.00752	109.60	-88.39	0.00781
108.19	-89.80	0.00808	106.77	-91.22	0.00841
105.36	-92.63	0.00873	92.63	-105.36	0.00202
91.22	-106.77	0.00175	89.80	-108.19	0.00154
88.39	-109.60	0.00139	86.97	-111.02	0.00127
84.85	-113.14	0.00113	81.32	-116.67	0.00096
77.78	-120.21	0.00084	70.71	-127.28	0.00067
63.64	-134.35	0.00055	56.57	-141.42	0.00046
49.50	-148.49	0.00039	42.43	-155.56	0.00033
35.36	-162.63	0.00029	28.28	-169.71	0.00025

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00132	169.71	-42.43	0.00157
162.63	-49.50	0.00191	155.56	-56.57	0.00234
148.49	-63.64	0.00291	141.42	-70.71	0.00367
134.35	-77.78	0.00467	127.28	-84.85	0.00596
123.74	-88.39	0.00671	120.21	-91.92	0.00752
118.09	-94.05	0.00800	116.67	-95.46	0.00831
115.26	-96.87	0.00862	113.84	-98.29	0.00895
112.43	-99.70	0.00934	99.70	-112.43	0.00242
98.29	-113.84	0.00206	96.87	-115.26	0.00179
95.46	-116.67	0.00160	94.05	-118.09	0.00145
91.92	-120.21	0.00128	88.39	-123.74	0.00108
84.85	-127.28	0.00095	77.78	-134.35	0.00075
70.71	-141.42	0.00062	63.64	-148.49	0.00051
56.57	-155.56	0.00043	49.50	-162.63	0.00036
42.43	-169.71	0.00031	35.36	-176.78	0.00026

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00130	176.78	-49.50	0.00155
169.71	-56.57	0.00187	162.63	-63.64	0.00230
155.56	-70.71	0.00288	148.49	-77.78	0.00365
141.42	-84.85	0.00468	134.35	-91.92	0.00602
130.81	-95.46	0.00680	127.28	-98.99	0.00764
125.16	-101.12	0.00817	123.74	-102.53	0.00853
122.33	-103.94	0.00888	120.92	-105.36	0.00925
119.50	-106.77	0.00969	106.77	-119.50	0.00284
105.36	-120.92	0.00242	103.94	-122.33	0.00211
102.53	-123.74	0.00187	101.12	-125.16	0.00169
98.99	-127.28	0.00148	95.46	-130.81	0.00123
91.92	-134.35	0.00106	84.85	-141.42	0.00084
77.78	-148.49	0.00068	70.71	-155.56	0.00056
63.64	-162.63	0.00046	56.57	-169.71	0.00039
49.50	-176.78	0.00033	42.43	-183.85	0.00028
190.92	-49.50	0.00128	183.85	-56.57	0.00152
176.78	-63.64	0.00183	169.71	-70.71	0.00224
162.63	-77.78	0.00279	155.56	-84.85	0.00353
148.49	-91.92	0.00453	141.42	-98.99	0.00588
137.89	-102.53	0.00670	134.35	-106.07	0.00760
132.23	-108.19	0.00818	130.81	-109.60	0.00857
129.40	-111.02	0.00896	127.99	-112.43	0.00937
126.57	-113.84	0.00984	113.84	-126.57	0.00317
112.43	-127.99	0.00273	111.02	-129.40	0.00240
109.60	-130.81	0.00214	108.19	-132.23	0.00194

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00170	102.53	-137.89	0.00141
98.99	-141.42	0.00121	91.92	-148.49	0.00093
84.85	-155.56	0.00074	77.78	-162.63	0.00061
70.71	-169.71	0.00050	63.64	-176.78	0.00042
56.57	-183.85	0.00035	49.50	-190.92	0.00030
197.99	-56.57	0.00125	190.92	-63.64	0.00148
183.85	-70.71	0.00177	176.78	-77.78	0.00214
169.71	-84.85	0.00264	162.63	-91.92	0.00332
155.56	-98.99	0.00426	148.49	-106.07	0.00558

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00642	141.42	-113.14	0.00737
139.30	-115.26	0.00798	137.89	-116.67	0.00840
136.47	-118.09	0.00883	135.06	-119.50	0.00927
133.64	-120.92	0.00977	120.92	-133.64	0.00341
119.50	-135.06	0.00296	118.09	-136.47	0.00263
116.67	-137.89	0.00237	115.26	-139.30	0.00216
113.14	-141.42	0.00190	109.60	-144.96	0.00159
106.07	-148.49	0.00135	98.99	-155.56	0.00102
91.92	-162.63	0.00080	84.85	-169.71	0.00065
77.78	-176.78	0.00053	70.71	-183.85	0.00045
63.64	-190.92	0.00038	56.57	-197.99	0.00032
205.06	-63.64	0.00121	197.99	-70.71	0.00142
190.92	-77.78	0.00169	183.85	-84.85	0.00202
176.78	-91.92	0.00246	169.71	-98.99	0.00305
162.63	-106.07	0.00389	155.56	-113.14	0.00512
152.03	-116.67	0.00592	148.49	-120.21	0.00688
146.37	-122.33	0.00752	144.96	-123.74	0.00796
143.54	-125.16	0.00843	142.13	-126.57	0.00891
140.71	-127.99	0.00944	127.99	-140.71	0.00355
126.57	-142.13	0.00312	125.16	-143.54	0.00280
123.74	-144.96	0.00254	122.33	-146.37	0.00233
120.21	-148.49	0.00207	116.67	-152.03	0.00173
113.14	-155.56	0.00148	106.07	-162.63	0.00111
98.99	-169.71	0.00086	91.92	-176.78	0.00068
84.85	-183.85	0.00056	77.78	-190.92	0.00047
70.71	-197.99	0.00040	63.64	-205.06	0.00034
212.13	-70.71	0.00116	205.06	-77.78	0.00135
197.99	-84.85	0.00159	190.92	-91.92	0.00189
183.85	-98.99	0.00227	176.78	-106.07	0.00278
169.71	-113.14	0.00348	162.63	-120.21	0.00451
159.10	-123.74	0.00521	155.56	-127.28	0.00609

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

20:09:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00671	152.03	-130.81	0.00717
150.61	-132.23	0.00766	149.20	-133.64	0.00818
147.79	-135.06	0.00876	135.06	-147.79	0.00362

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00322	132.23	-150.61	0.00291
130.81	-152.03	0.00266	129.40	-153.44	0.00245
127.28	-155.56	0.00219	123.74	-159.10	0.00184
120.21	-162.63	0.00157	113.14	-169.71	0.00118
106.07	-176.78	0.00092	98.99	-183.85	0.00073
91.92	-190.92	0.00059	84.85	-197.99	0.00049
77.78	-205.06	0.00041	70.71	-212.13	0.00035
219.20	-77.78	0.00109	212.13	-84.85	0.00127
205.06	-91.92	0.00147	197.99	-98.99	0.00173
190.92	-106.07	0.00207	183.85	-113.14	0.00250
176.78	-120.21	0.00308	169.71	-127.28	0.00386
166.17	-130.81	0.00438	162.63	-134.35	0.00505
160.51	-136.47	0.00555	159.10	-137.89	0.00594
157.68	-139.30	0.00639	156.27	-140.71	0.00691
154.86	-142.13	0.00752	142.13	-154.86	0.00364
140.71	-156.27	0.00327	139.30	-157.68	0.00297
137.89	-159.10	0.00273	136.47	-160.51	0.00252
134.35	-162.63	0.00226	130.81	-166.17	0.00191
127.28	-169.71	0.00164	120.21	-176.78	0.00124
113.14	-183.85	0.00096	106.07	-190.92	0.00076
98.99	-197.99	0.00061	91.92	-205.06	0.00050
84.85	-212.13	0.00042	77.78	-219.20	0.00036
226.27	-84.85	0.00102	219.20	-91.92	0.00117
212.13	-98.99	0.00135	205.06	-106.07	0.00158
197.99	-113.14	0.00186	190.92	-120.21	0.00222
183.85	-127.28	0.00267	176.78	-134.35	0.00325
173.24	-137.89	0.00362	169.71	-141.42	0.00404
167.58	-143.54	0.00435	166.17	-144.96	0.00458
164.76	-146.37	0.00484	163.34	-147.79	0.00515
161.93	-149.20	0.00557	149.20	-161.93	0.00361
147.79	-163.34	0.00326	146.37	-164.76	0.00298
144.96	-166.17	0.00275	143.54	-167.58	0.00255
141.42	-169.71	0.00229	137.89	-173.24	0.00195
134.35	-176.78	0.00168	127.28	-183.85	0.00128
120.21	-190.92	0.00100	113.14	-197.99	0.00079
106.07	-205.06	0.00064	98.99	-212.13	0.00052
91.92	-219.20	0.00043	84.85	-226.27	0.00037

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00095	226.27	-98.99	0.00108		
219.20	-106.07	0.00123	212.13	-113.14	0.00143		
205.06	-120.21	0.00166	197.99	-127.28	0.00195		
190.92	-134.35	0.00230	183.85	-141.42	0.00271		
180.31	-144.96	0.00295	176.78	-148.49	0.00322		
174.66	-150.61	0.00339	173.24	-152.03	0.00351		
171.83	-153.44	0.00364	170.41	-154.86	0.00379		
169.00	-156.27	0.00395	156.27	-169.00	0.00345		
154.86	-170.41	0.00316	153.44	-171.83	0.00291		
152.03	-173.24	0.00270	150.61	-174.66	0.00251		
148.49	-176.78	0.00227	144.96	-180.31	0.00195		
141.42	-183.85	0.00168	134.35	-190.92	0.00129		
127.28	-197.99	0.00101	120.21	-205.06	0.00080		
113.14	-212.13	0.00065	106.07	-219.20	0.00053		
98.99	-226.27	0.00044	91.92	-233.35	0.00037		
240.42	-98.99	0.00088	233.35	-106.07	0.00099		
226.27	-113.14	0.00112	219.20	-120.21	0.00128		
212.13	-127.28	0.00148	205.06	-134.35	0.00170		
197.99	-141.42	0.00196	190.92	-148.49	0.00227		
187.38	-152.03	0.00245	183.85	-155.56	0.00265		
181.73	-157.68	0.00280	180.31	-159.10	0.00290		
178.90	-160.51	0.00301	177.48	-161.93	0.00312		
176.07	-163.34	0.00323	163.34	-176.07	0.00304		
161.93	-177.48	0.00287	160.51	-178.90	0.00270		
159.10	-180.31	0.00254	157.68	-181.73	0.00239		
155.56	-183.85	0.00218	152.03	-187.38	0.00188		
148.49	-190.92	0.00164	141.42	-197.99	0.00127		
134.35	-205.06	0.00100	127.28	-212.13	0.00080		
120.21	-219.20	0.00065	113.14	-226.27	0.00054		
106.07	-233.35	0.00045	98.99	-240.42	0.00038		
247.49	-106.07	0.00080	240.42	-113.14	0.00090		
233.35	-120.21	0.00101	226.27	-127.28	0.00115		
219.20	-134.35	0.00130	212.13	-141.42	0.00148		
205.06	-148.49	0.00169	197.99	-155.56	0.00195		
194.45	-159.10	0.00211	190.92	-162.63	0.00229		
188.80	-164.76	0.00240	187.38	-166.17	0.00248		
185.97	-167.58	0.00255	184.55	-169.00	0.00262		
183.14	-170.41	0.00269	170.41	-183.14	0.00260		
169.00	-184.55	0.00249	167.58	-185.97	0.00238		
166.17	-187.38	0.00227	164.76	-188.80	0.00216		

04/18/08

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00201	159.10	-194.45	0.00177
155.56	-197.99	0.00157	148.49	-205.06	0.00123
141.42	-212.13	0.00097	134.35	-219.20	0.00079
127.28	-226.27	0.00064	120.21	-233.35	0.00053
113.14	-240.42	0.00045	106.07	-247.49	0.00038

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00021	-113.14	240.42	0.00021
-120.21	233.35	0.00020	-127.28	226.27	0.00020
-134.35	219.20	0.00019	-141.42	212.13	0.00019
-148.49	205.06	0.00018	-155.56	197.99	0.00017
-159.10	194.45	0.00017	-162.63	190.92	0.00016
-164.76	188.80	0.00016	-166.17	187.38	0.00016
-167.58	185.97	0.00016	-169.00	184.55	0.00015
-170.41	183.14	0.00015	-183.14	170.41	0.00013
-184.55	169.00	0.00013	-185.97	167.58	0.00013
-187.38	166.17	0.00012	-188.80	164.76	0.00012
-190.92	162.63	0.00012	-194.45	159.10	0.00011
-197.99	155.56	0.00011	-205.06	148.49	0.00010
-212.13	141.42	0.00009	-219.20	134.35	0.00008
-226.27	127.28	0.00007	-233.35	120.21	0.00007
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00022	-106.07	233.35	0.00022
-113.14	226.27	0.00021	-120.21	219.20	0.00021
-127.28	212.13	0.00020	-134.35	205.06	0.00020
-141.42	197.99	0.00019	-148.49	190.92	0.00018
-152.03	187.38	0.00018	-155.56	183.85	0.00017

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00017	-159.10	180.31	0.00017
-160.51	178.90	0.00017	-161.93	177.48	0.00016
-163.34	176.07	0.00016	-176.07	163.34	0.00014
-177.48	161.93	0.00014	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00012
-190.92	148.49	0.00011	-197.99	141.42	0.00010
-205.06	134.35	0.00009	-212.13	127.28	0.00008
-219.20	120.21	0.00007	-226.27	113.14	0.00007
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00024	-98.99	226.27	0.00023
-106.07	219.20	0.00023	-113.14	212.13	0.00022
-120.21	205.06	0.00022	-127.28	197.99	0.00021
-134.35	190.92	0.00020	-141.42	183.85	0.00019
-144.96	180.31	0.00019	-148.49	176.78	0.00018
-150.61	174.66	0.00018	-152.03	173.24	0.00018
-153.44	171.83	0.00018	-154.86	170.41	0.00017
-156.27	169.00	0.00017	-169.00	156.27	0.00015
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00013	-180.31	144.96	0.00013
-183.85	141.42	0.00012	-190.92	134.35	0.00011
-197.99	127.28	0.00010	-205.06	120.21	0.00009
-212.13	113.14	0.00008	-219.20	106.07	0.00007
-226.27	99.00	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00025	-91.92	219.20	0.00025
-98.99	212.13	0.00024	-106.07	205.06	0.00024
-113.14	197.99	0.00023	-120.21	190.92	0.00023
-127.28	183.85	0.00022	-134.35	176.78	0.00021
-137.89	173.24	0.00020	-141.42	169.71	0.00020
-143.54	167.58	0.00019	-144.96	166.17	0.00019
-146.37	164.76	0.00019	-147.79	163.34	0.00018
-149.20	161.93	0.00018	-161.93	149.20	0.00016
-163.34	147.79	0.00015	-164.76	146.37	0.00015

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00015	-167.58	143.54	0.00014
-169.71	141.42	0.00014	-173.24	137.89	0.00013
-176.78	134.35	0.00012	-183.85	127.28	0.00011
-190.92	120.21	0.00010	-197.99	113.14	0.00009
-205.06	106.07	0.00008	-212.13	99.00	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00027	-84.85	212.13	0.00027
-91.92	205.06	0.00026	-98.99	197.99	0.00025
-106.07	190.92	0.00025	-113.14	183.85	0.00024
-120.21	176.78	0.00023	-127.28	169.71	0.00022
-130.81	166.17	0.00022	-134.35	162.63	0.00021
-136.47	160.51	0.00020	-137.89	159.10	0.00020
-139.30	157.68	0.00020	-140.71	156.27	0.00020
-142.13	154.86	0.00019	-154.86	142.13	0.00016
-156.27	140.71	0.00016	-157.68	139.30	0.00016
-159.10	137.89	0.00015	-160.51	136.47	0.00015
-162.63	134.35	0.00015	-166.17	130.81	0.00014
-169.71	127.28	0.00013	-176.78	120.21	0.00012
-183.85	113.14	0.00010	-190.92	106.07	0.00009
-197.99	99.00	0.00008	-205.06	91.92	0.00008
-212.13	84.85	0.00007	-219.20	77.78	0.00006
-70.71	212.13	0.00029	-77.78	205.06	0.00028
-84.85	197.99	0.00028	-91.92	190.92	0.00027
-98.99	183.85	0.00027	-106.07	176.78	0.00026
-113.14	169.71	0.00025	-120.21	162.63	0.00024
-123.74	159.10	0.00023	-127.28	155.56	0.00022

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

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00022	-130.81	152.03	0.00022
-132.23	150.61	0.00021	-133.64	149.20	0.00021
-135.06	147.79	0.00021	-147.79	135.06	0.00018
-149.20	133.64	0.00017	-150.61	132.23	0.00017
-152.03	130.81	0.00016	-153.44	129.40	0.00016
-155.56	127.28	0.00016	-159.10	123.74	0.00015
-162.63	120.21	0.00014	-169.71	113.14	0.00012
-176.78	106.07	0.00011	-183.85	98.99	0.00010

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00009	-197.99	84.85	0.00008
-205.06	77.78	0.00007	-212.13	70.71	0.00006
-63.64	205.06	0.00031	-70.71	197.99	0.00031
-77.78	190.92	0.00030	-84.85	183.85	0.00029
-91.92	176.78	0.00029	-98.99	169.71	0.00028
-106.07	162.63	0.00027	-113.14	155.56	0.00025
-116.67	152.03	0.00025	-120.21	148.49	0.00024
-122.33	146.37	0.00024	-123.74	144.96	0.00023
-125.16	143.54	0.00023	-126.57	142.13	0.00022
-127.99	140.71	0.00022	-140.71	127.99	0.00019
-142.13	126.57	0.00018	-143.54	125.16	0.00018
-144.96	123.74	0.00017	-146.37	122.33	0.00017
-148.49	120.21	0.00016	-152.03	116.67	0.00015
-155.56	113.14	0.00015	-162.63	106.07	0.00013
-169.71	98.99	0.00011	-176.78	91.92	0.00010
-183.85	84.85	0.00009	-190.92	77.78	0.00008
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00033	-63.64	190.92	0.00033
-70.71	183.85	0.00032	-77.78	176.78	0.00032
-84.85	169.71	0.00031	-91.92	162.63	0.00030
-98.99	155.56	0.00029	-106.07	148.49	0.00027
-109.60	144.96	0.00027	-113.14	141.42	0.00026
-115.26	139.30	0.00025	-116.67	137.89	0.00025
-118.09	136.47	0.00025	-119.50	135.06	0.00024
-120.92	133.64	0.00024	-133.64	120.92	0.00020
-135.06	119.50	0.00019	-136.47	118.09	0.00019
-137.89	116.67	0.00019	-139.30	115.26	0.00018
-141.42	113.14	0.00017	-144.96	109.60	0.00016
-148.49	106.07	0.00015	-155.56	98.99	0.00013
-162.63	91.92	0.00012	-169.71	84.85	0.00010
-176.78	77.78	0.00009	-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      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

20:09:30  
 \*\*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	0.00036	-56.57	183.85	0.00036
-63.64	176.78	0.00035	-70.71	169.71	0.00034

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00033	-84.85	155.56	0.00032
-91.92	148.49	0.00031	-98.99	141.42	0.00030
-102.53	137.89	0.00029	-106.07	134.35	0.00028
-108.19	132.23	0.00027	-109.60	130.81	0.00027
-111.02	129.40	0.00026	-112.43	127.99	0.00026
-113.84	126.57	0.00026	-126.57	113.84	0.00021
-127.99	112.43	0.00021	-129.40	111.02	0.00020
-130.81	109.60	0.00020	-132.23	108.19	0.00019
-134.35	106.07	0.00019	-137.89	102.53	0.00017
-141.42	98.99	0.00016	-148.49	91.92	0.00014
-155.56	84.85	0.00012	-162.63	77.78	0.00011
-169.71	70.71	0.00010	-176.78	63.64	0.00009
-183.85	56.57	0.00008	-190.92	49.50	0.00007
-42.43	183.85	0.00039	-49.50	176.78	0.00038
-56.57	169.71	0.00038	-63.64	162.63	0.00037
-70.71	155.56	0.00036	-77.78	148.49	0.00035
-84.85	141.42	0.00034	-91.92	134.35	0.00032
-95.46	130.81	0.00031	-98.99	127.28	0.00030
-101.12	125.16	0.00030	-102.53	123.74	0.00029
-103.94	122.33	0.00029	-105.36	120.92	0.00028
-106.77	119.50	0.00028	-119.50	106.77	0.00023
-120.92	105.36	0.00022	-122.33	103.94	0.00022
-123.74	102.53	0.00021	-125.16	101.12	0.00021
-127.28	98.99	0.00020	-130.81	95.46	0.00018
-134.35	91.92	0.00017	-141.42	84.85	0.00015
-148.49	77.78	0.00013	-155.56	70.71	0.00011
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00008	-183.85	42.43	0.00007
-35.36	176.78	0.00042	-42.43	169.71	0.00042
-49.50	162.63	0.00041	-56.57	155.56	0.00040
-63.64	148.49	0.00039	-70.71	141.42	0.00038
-77.78	134.35	0.00037	-84.85	127.28	0.00035
-88.39	123.74	0.00034	-91.92	120.21	0.00033
-94.05	118.09	0.00032	-95.46	116.67	0.00032
-96.87	115.26	0.00031	-98.29	113.84	0.00031
-99.70	112.43	0.00030	-112.43	99.70	0.00024
-113.84	98.29	0.00024	-115.26	96.87	0.00023
-116.67	95.46	0.00023	-118.09	94.05	0.00022

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

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

20:09:30  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00021	-123.74	88.39	0.00020	
-127.28	84.85	0.00018	-134.35	77.78	0.00016	
-141.42	70.71	0.00014	-148.49	63.64	0.00012	
-155.56	56.57	0.00011	-162.63	49.50	0.00009	
-169.71	42.43	0.00008	-176.78	35.36	0.00008	
-28.28	169.71	0.00046	-35.36	162.63	0.00045	
-42.43	155.56	0.00045	-49.50	148.49	0.00044	
-56.57	141.42	0.00043	-63.64	134.35	0.00042	
-70.71	127.28	0.00040	-77.78	120.21	0.00038	
-81.32	116.67	0.00037	-84.85	113.14	0.00036	
-86.97	111.02	0.00035	-88.39	109.60	0.00034	
-89.80	108.19	0.00034	-91.22	106.77	0.00033	
-92.63	105.36	0.00033	-105.36	92.63	0.00026	
-106.77	91.22	0.00026	-108.19	89.80	0.00025	
-109.60	88.39	0.00024	-111.02	86.97	0.00024	
-113.14	84.85	0.00023	-116.67	81.32	0.00021	
-120.21	77.78	0.00019	-127.28	70.71	0.00017	
-134.35	63.64	0.00014	-141.42	56.57	0.00012	
-148.49	49.50	0.00011	-155.56	42.43	0.00010	
-162.63	35.36	0.00009	-169.71	28.28	0.00008	
-21.21	162.63	0.00049	-28.28	155.56	0.00050	
-35.36	148.49	0.00049	-42.43	141.42	0.00048	
-49.50	134.35	0.00047	-56.57	127.28	0.00046	
-63.64	120.21	0.00044	-70.71	113.14	0.00042	
-74.25	109.60	0.00041	-77.78	106.07	0.00039	
-79.90	103.94	0.00038	-81.32	102.53	0.00038	
-82.73	101.12	0.00037	-84.15	99.70	0.00036	
-85.56	98.29	0.00036	-98.29	85.56	0.00029	
-99.70	84.15	0.00028	-101.12	82.73	0.00027	
-102.53	81.32	0.00026	-103.94	79.90	0.00025	
-106.07	77.78	0.00024	-109.60	74.25	0.00022	
-113.14	70.71	0.00021	-120.21	63.64	0.00018	
-127.28	56.57	0.00015	-134.35	49.50	0.00013	
-141.42	42.43	0.00011	-148.49	35.36	0.00010	
-155.56	28.28	0.00009	-162.63	21.21	0.00008	
-14.14	155.56	0.00054	-21.21	148.49	0.00054	
-28.28	141.42	0.00054	-35.36	134.35	0.00053	
-42.43	127.28	0.00052	-49.50	120.21	0.00050	
-56.57	113.14	0.00049	-63.64	106.07	0.00046	
-67.18	102.53	0.00045	-70.71	98.99	0.00043	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00042	-74.25	95.46	0.00041
-75.66	94.05	0.00041	-77.07	92.63	0.00040
-78.49	91.22	0.00039	-91.22	78.49	0.00031
-92.63	77.07	0.00030	-94.05	75.66	0.00029
-95.46	74.25	0.00028	-96.87	72.83	0.00027
-98.99	70.71	0.00026	-102.53	67.18	0.00024
-106.07	63.64	0.00022	-113.14	56.57	0.00019
-120.21	49.50	0.00016	-127.28	42.43	0.00014
-134.35	35.36	0.00012	-141.42	28.28	0.00011
-148.49	21.21	0.00010	-155.56	14.14	0.00009
-7.07	148.49	0.00058	-14.14	141.42	0.00059
-21.21	134.35	0.00059	-28.28	127.28	0.00059
-35.36	120.21	0.00057	-42.43	113.14	0.00056
-49.50	106.07	0.00054	-56.57	98.99	0.00051
-60.10	95.46	0.00050	-63.64	91.92	0.00048
-65.76	89.80	0.00047	-67.18	88.39	0.00046
-68.59	86.97	0.00045	-70.00	85.56	0.00044
-71.42	84.15	0.00043	-84.15	71.42	0.00034
-85.56	70.00	0.00033	-86.97	68.59	0.00032
-88.39	67.18	0.00031	-89.80	65.76	0.00029
-91.92	63.64	0.00028	-95.46	60.10	0.00026
-98.99	56.57	0.00023	-106.07	49.50	0.00020
-113.14	42.43	0.00017	-120.21	35.36	0.00014
-127.28	28.28	0.00013	-134.35	21.21	0.00011
-141.42	14.14	0.00010	-148.49	7.07	0.00009
0.00	141.42	0.00063	-7.07	134.35	0.00065
-14.14	127.28	0.00066	-21.21	120.21	0.00065
-28.28	113.14	0.00064	-35.36	106.07	0.00062
-42.43	98.99	0.00060	-49.50	91.92	0.00057
-53.03	88.39	0.00055	-56.57	84.85	0.00053
-58.69	82.73	0.00052	-60.10	81.32	0.00051
-61.52	79.90	0.00050	-62.93	78.49	0.00049
-64.35	77.07	0.00048	-77.07	64.35	0.00037
-78.49	62.93	0.00036	-79.90	61.52	0.00034



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00033	-82.73	58.69	0.00032
-84.85	56.57	0.00030	-88.39	53.03	0.00027
-91.92	49.50	0.00025	-98.99	42.43	0.00021
-106.07	35.36	0.00018	-113.14	28.28	0.00015
-120.21	21.21	0.00013	-127.28	14.14	0.00012
-134.35	7.07	0.00010	-141.42	0.00	0.00010

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00069	0.00	127.28	0.00071
-7.07	120.21	0.00072	-14.14	113.14	0.00073
-21.21	106.07	0.00071	-28.28	98.99	0.00070
-35.36	91.92	0.00067	-42.43	84.85	0.00064
-45.96	81.32	0.00062	-49.50	77.78	0.00059
-51.62	75.66	0.00058	-53.03	74.25	0.00057
-54.45	72.83	0.00056	-55.86	71.42	0.00054
-57.28	70.00	0.00053	-70.00	57.28	0.00040
-71.42	55.86	0.00039	-72.83	54.45	0.00038
-74.25	53.03	0.00036	-75.66	51.62	0.00035
-77.78	49.50	0.00033	-81.32	45.96	0.00030
-84.85	42.43	0.00027	-91.92	35.36	0.00022
-98.99	28.28	0.00019	-106.07	21.21	0.00016
-113.14	14.14	0.00014	-120.21	7.07	0.00012
-127.28	0.00	0.00011	-134.35	-7.07	0.00010
14.14	127.28	0.00075	7.07	120.21	0.00078
0.00	113.14	0.00080	-7.07	106.07	0.00081
-14.14	98.99	0.00080	-21.21	91.92	0.00078
-28.28	84.85	0.00076	-35.36	77.78	0.00072
-38.89	74.25	0.00070	-42.43	70.71	0.00067
-44.55	68.59	0.00065	-45.96	67.18	0.00064
-47.38	65.76	0.00063	-48.79	64.35	0.00061
-50.20	62.93	0.00060	-62.93	50.20	0.00045
-64.35	48.79	0.00043	-65.76	47.38	0.00041
-67.18	45.96	0.00039	-68.59	44.55	0.00038
-70.71	42.43	0.00035	-74.25	38.89	0.00032
-77.78	35.36	0.00029	-84.85	28.28	0.00024
-91.92	21.21	0.00020	-98.99	14.14	0.00017

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00015	-113.14	0.00	0.00013
-120.21	-7.07	0.00012	-127.28	-14.14	0.00011
21.21	120.21	0.00081	14.14	113.14	0.00085
7.07	106.07	0.00089	0.00	98.99	0.00091
-7.07	91.92	0.00091	-14.14	84.85	0.00089
-21.21	77.78	0.00086	-28.28	70.71	0.00082
-31.82	67.18	0.00079	-35.36	63.64	0.00076
-37.48	61.52	0.00074	-38.89	60.10	0.00073
-40.31	58.69	0.00071	-41.72	57.28	0.00069
-43.13	55.86	0.00068	-55.86	43.13	0.00049
-57.28	41.72	0.00047	-58.69	40.31	0.00045
-60.10	38.89	0.00043	-61.52	37.48	0.00041

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00039	-67.18	31.82	0.00034
-70.71	28.28	0.00031	-77.78	21.21	0.00025
-84.85	14.14	0.00021	-91.92	7.07	0.00018
-98.99	0.00	0.00015	-106.07	-7.07	0.00014
-113.14	-14.14	0.00012	-120.21	-21.21	0.00011
28.28	113.14	0.00087	21.21	106.07	0.00093
14.14	98.99	0.00098	7.07	91.92	0.00101
0.00	84.85	0.00103	-7.07	77.78	0.00102
-14.14	70.71	0.00098	-21.21	63.64	0.00094
-24.75	60.10	0.00091	-28.28	56.57	0.00087
-30.41	54.45	0.00085	-31.82	53.03	0.00083
-33.23	51.62	0.00081	-34.65	50.20	0.00079
-36.06	48.79	0.00077	-48.79	36.06	0.00055
-50.20	34.65	0.00052	-51.62	33.23	0.00050
-53.03	31.82	0.00048	-54.45	30.41	0.00045
-56.57	28.28	0.00042	-60.10	24.75	0.00037
-63.64	21.21	0.00033	-70.71	14.14	0.00027
-77.78	7.07	0.00022	-84.85	0.00	0.00019
-91.92	-7.07	0.00016	-98.99	-14.14	0.00015
-106.07	-21.21	0.00013	-113.14	-28.28	0.00012
35.36	106.07	0.00094	28.28	98.99	0.00102
21.21	91.92	0.00108	14.14	84.85	0.00114

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00117	0.00	70.71	0.00117
-7.07	63.64	0.00114	-14.14	56.57	0.00108
-17.68	53.03	0.00105	-21.21	49.50	0.00101
-23.33	47.38	0.00098	-24.75	45.96	0.00096
-26.16	44.55	0.00094	-27.58	43.13	0.00091
-28.99	41.72	0.00089	-41.72	28.99	0.00062
-43.13	27.58	0.00058	-44.55	26.16	0.00056
-45.96	24.75	0.00053	-47.38	23.33	0.00050
-49.50	21.21	0.00046	-53.03	17.68	0.00041
-56.57	14.14	0.00036	-63.64	7.07	0.00029
-70.71	0.00	0.00023	-77.78	-7.07	0.00020
-84.85	-14.14	0.00017	-91.92	-21.21	0.00016
-98.99	-28.28	0.00014	-106.07	-35.36	0.00013
42.43	98.99	0.00101	35.36	91.92	0.00110
28.28	84.85	0.00119	21.21	77.78	0.00127
14.14	70.71	0.00133	7.07	63.64	0.00135
0.00	56.57	0.00133	-7.07	49.50	0.00127
-10.61	45.96	0.00123	-14.14	42.43	0.00118

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00114	-17.68	38.89	0.00112
-19.09	37.48	0.00109	-20.51	36.06	0.00106
-21.92	34.65	0.00103	-34.65	21.92	0.00069
-36.06	20.51	0.00065	-37.48	19.09	0.00062
-38.89	17.68	0.00058	-40.31	16.26	0.00055
-42.43	14.14	0.00051	-45.96	10.61	0.00044
-49.50	7.07	0.00039	-56.57	0.00	0.00031
-63.64	-7.07	0.00025	-70.71	-14.14	0.00021
-77.78	-21.21	0.00019	-84.85	-28.28	0.00017
-91.92	-35.36	0.00015	-98.99	-42.43	0.00014
49.50	91.92	0.00108	42.43	84.85	0.00119
35.36	77.78	0.00131	28.28	70.71	0.00142
21.21	63.64	0.00151	14.14	56.57	0.00156
7.07	49.50	0.00156	0.00	42.43	0.00150
-3.54	38.89	0.00145	-7.07	35.36	0.00140
-9.19	33.23	0.00136	-10.61	31.82	0.00132

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00129	-13.44	28.99	0.00126
-14.85	27.58	0.00122	-27.58	14.85	0.00078
-28.99	13.44	0.00074	-30.41	12.02	0.00069
-31.82	10.61	0.00065	-33.23	9.19	0.00061
-35.36	7.07	0.00055	-38.89	3.54	0.00048
-42.43	0.00	0.00042	-49.50	-7.07	0.00033
-56.57	-14.14	0.00027	-63.64	-21.21	0.00023
-70.71	-28.28	0.00020	-77.78	-35.36	0.00018
-84.85	-42.43	0.00017	-91.92	-49.50	0.00015
56.57	84.85	0.00114	49.50	77.78	0.00128
42.43	70.71	0.00143	35.36	63.64	0.00158
28.28	56.57	0.00171	21.21	49.50	0.00181
14.14	42.43	0.00185	7.07	35.36	0.00180
3.54	31.82	0.00175	0.00	28.28	0.00168
-2.12	26.16	0.00163	-3.54	24.75	0.00159
-4.95	23.33	0.00155	-6.36	21.92	0.00150
-7.78	20.51	0.00146	-20.51	7.78	0.00089
-21.92	6.36	0.00083	-23.33	4.95	0.00077
-24.75	3.54	0.00072	-26.16	2.12	0.00067
-28.28	0.00	0.00061	-31.82	-3.54	0.00052
-35.36	-7.07	0.00045	-42.43	-14.14	0.00035
-49.50	-21.21	0.00029	-56.57	-28.28	0.00025
-63.64	-35.36	0.00022	-70.71	-42.43	0.00020
-77.78	-49.50	0.00018	-84.85	-56.57	0.00016

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

20:09:30  
 \*\*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	0.00119	56.57	70.71	0.00136
49.50	63.64	0.00154	42.43	56.57	0.00174
35.36	49.50	0.00193	28.28	42.43	0.00210
21.21	35.36	0.00220	14.14	28.28	0.00219
10.61	24.75	0.00214	7.07	21.21	0.00205
4.95	19.09	0.00199	3.54	17.68	0.00194
2.12	16.26	0.00189	0.71	14.85	0.00183
-0.71	13.44	0.00177	-13.44	0.71	0.00102
-14.85	-0.71	0.00094	-16.26	-2.12	0.00087
-17.68	-3.54	0.00080	-19.09	-4.95	0.00074

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00067	-24.75	-10.61	0.00056
-28.28	-14.14	0.00049	-35.36	-21.21	0.00038
-42.43	-28.28	0.00032	-49.50	-35.36	0.00027
-56.57	-42.43	0.00024	-63.64	-49.50	0.00021
-70.71	-56.57	0.00019	-77.78	-63.64	0.00017
70.71	70.71	0.00124	63.64	63.64	0.00143
56.57	56.57	0.00164	49.50	49.50	0.00189
42.43	42.43	0.00216	35.36	35.36	0.00241
28.28	28.28	0.00261	21.21	21.21	0.00269
17.68	17.68	0.00265	14.14	14.14	0.00256
12.02	12.02	0.00249	10.61	10.61	0.00242
9.19	9.19	0.00236	7.78	7.78	0.00228
6.36	6.36	0.00220	-6.36	-6.36	0.00116
-7.78	-7.78	0.00106	-9.19	-9.19	0.00097
-10.61	-10.61	0.00089	-12.02	-12.02	0.00082
-14.14	-14.14	0.00073	-17.68	-17.68	0.00061
-21.21	-21.21	0.00053	-28.28	-28.28	0.00042
-35.36	-35.36	0.00035	-42.43	-42.43	0.00030
-49.50	-49.50	0.00026	-56.57	-56.57	0.00023
-63.64	-63.64	0.00020	-70.71	-70.71	0.00018
77.78	63.64	0.00127	70.71	56.57	0.00148
63.64	49.50	0.00173	56.57	42.43	0.00202
49.50	35.36	0.00236	42.43	28.28	0.00273
35.36	21.21	0.00307	28.28	14.14	0.00330
24.75	10.61	0.00333	21.21	7.07	0.00326
19.09	4.95	0.00318	17.68	3.54	0.00310
16.26	2.12	0.00301	14.85	0.71	0.00291
13.44	-0.71	0.00280	0.71	-13.44	0.00132
-0.71	-14.85	0.00119	-2.12	-16.26	0.00108
-3.54	-17.68	0.00098	-4.95	-19.09	0.00090

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

20:09:30  
 \*\*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	0.00079	-10.61	-24.75	0.00066
-14.14	-28.28	0.00057	-21.21	-35.36	0.00046
-28.28	-42.43	0.00038	-35.36	-49.50	0.00033
-42.43	-56.57	0.00028	-49.50	-63.64	0.00025

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00022	-63.64	-77.78	0.00019
84.85	56.57	0.00130	77.78	49.50	0.00153
70.71	42.43	0.00180	63.64	35.36	0.00213
56.57	28.28	0.00254	49.50	21.21	0.00301
42.43	14.14	0.00353	35.36	7.07	0.00400
31.82	3.54	0.00415	28.28	0.00	0.00420
26.16	-2.12	0.00414	24.75	-3.54	0.00407
23.33	-4.95	0.00396	21.92	-6.36	0.00383
20.51	-7.78	0.00367	7.78	-20.51	0.00149
6.36	-21.92	0.00132	4.95	-23.33	0.00118
3.54	-24.75	0.00107	2.12	-26.16	0.00097
0.00	-28.28	0.00086	-3.54	-31.82	0.00072
-7.07	-35.36	0.00063	-14.14	-42.43	0.00050
-21.21	-49.50	0.00042	-28.28	-56.57	0.00036
-35.36	-63.64	0.00031	-42.43	-70.71	0.00027
-49.50	-77.78	0.00023	-56.57	-84.85	0.00021
91.92	49.50	0.00132	84.85	42.43	0.00156
77.78	35.36	0.00186	70.71	28.28	0.00223
63.64	21.21	0.00269	56.57	14.14	0.00326
49.50	7.07	0.00393	42.43	0.00	0.00467
38.89	-3.54	0.00503	35.36	-7.07	0.00531
33.23	-9.19	0.00540	31.82	-10.61	0.00540
30.41	-12.02	0.00534	28.99	-13.44	0.00522
27.58	-14.85	0.00503	14.85	-27.58	0.00164
13.44	-28.99	0.00144	12.02	-30.41	0.00128
10.61	-31.82	0.00116	9.19	-33.23	0.00106
7.07	-35.36	0.00094	3.54	-38.89	0.00080
0.00	-42.43	0.00069	-7.07	-49.50	0.00055
-14.14	-56.57	0.00046	-21.21	-63.64	0.00039
-28.28	-70.71	0.00033	-35.36	-77.78	0.00029
-42.43	-84.85	0.00025	-49.50	-91.92	0.00022
98.99	42.43	0.00133	91.92	35.36	0.00158
84.85	28.28	0.00190	77.78	21.21	0.00230
70.71	14.14	0.00281	63.64	7.07	0.00346
56.57	0.00	0.00427	49.50	-7.07	0.00525
45.96	-10.61	0.00579	42.43	-14.14	0.00633

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

15NCRA\_SR05-300\_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	0.00662	38.89	-17.68	0.00679
37.48	-19.09	0.00695	36.06	-20.51	0.00706
34.65	-21.92	0.00707	21.92	-34.65	0.00179
20.51	-36.06	0.00156	19.09	-37.48	0.00139
17.68	-38.89	0.00126	16.26	-40.31	0.00115
14.14	-42.43	0.00102	10.61	-45.96	0.00087
7.07	-49.50	0.00076	0.00	-56.57	0.00061
-7.07	-63.64	0.00050	-14.14	-70.71	0.00042
-21.21	-77.78	0.00036	-28.28	-84.85	0.00031
-35.36	-91.92	0.00027	-42.43	-98.99	0.00023
106.07	35.36	0.00133	98.99	28.28	0.00159
91.92	21.21	0.00192	84.85	14.14	0.00234
77.78	7.07	0.00289	70.71	0.00	0.00360
63.64	-7.07	0.00453	56.57	-14.14	0.00569
53.03	-17.68	0.00637	49.50	-21.21	0.00709
47.38	-23.33	0.00752	45.96	-24.75	0.00781
44.55	-26.16	0.00808	43.13	-27.58	0.00841
41.72	-28.99	0.00873	28.99	-41.72	0.00202
27.58	-43.13	0.00175	26.16	-44.55	0.00154
24.75	-45.96	0.00139	23.33	-47.38	0.00127
21.21	-49.50	0.00113	17.68	-53.03	0.00096
14.14	-56.57	0.00084	7.07	-63.64	0.00067
0.00	-70.71	0.00055	-7.07	-77.78	0.00046
-14.14	-84.85	0.00039	-21.21	-91.92	0.00033
-28.28	-98.99	0.00029	-35.36	-106.07	0.00025
113.14	28.28	0.00132	106.07	21.21	0.00157
98.99	14.14	0.00191	91.92	7.07	0.00234
84.85	0.00	0.00291	77.78	-7.07	0.00367
70.71	-14.14	0.00467	63.64	-21.21	0.00596
60.10	-24.75	0.00671	56.57	-28.28	0.00752
54.45	-30.41	0.00800	53.03	-31.82	0.00831
51.62	-33.23	0.00862	50.20	-34.65	0.00895
48.79	-36.06	0.00934	36.06	-48.79	0.00242
34.65	-50.20	0.00206	33.23	-51.62	0.00179
31.82	-53.03	0.00160	30.41	-54.45	0.00145
28.28	-56.57	0.00128	24.75	-60.10	0.00108
21.21	-63.64	0.00095	14.14	-70.71	0.00075
7.07	-77.78	0.00062	0.00	-84.85	0.00051
-7.07	-91.92	0.00043	-14.14	-98.99	0.00036
-21.21	-106.07	0.00031	-28.28	-113.14	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30  
 \*\*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	0.00130	113.14	14.14	0.00155	
106.07	7.07	0.00187	98.99	0.00	0.00230	
91.92	-7.07	0.00288	84.85	-14.14	0.00365	
77.78	-21.21	0.00468	70.71	-28.28	0.00602	
67.18	-31.82	0.00679	63.64	-35.36	0.00764	
61.52	-37.48	0.00817	60.10	-38.89	0.00853	
58.69	-40.31	0.00888	57.28	-41.72	0.00925	
55.86	-43.13	0.00969	43.13	-55.86	0.00284	
41.72	-57.28	0.00242	40.31	-58.69	0.00211	
38.89	-60.10	0.00187	37.48	-61.52	0.00169	
35.36	-63.64	0.00148	31.82	-67.18	0.00123	
28.28	-70.71	0.00106	21.21	-77.78	0.00084	
14.14	-84.85	0.00068	7.07	-91.92	0.00056	
0.00	-98.99	0.00046	-7.07	-106.07	0.00039	
-14.14	-113.14	0.00033	-21.21	-120.21	0.00028	
127.28	14.14	0.00128	120.21	7.07	0.00152	
113.14	0.00	0.00183	106.07	-7.07	0.00224	
98.99	-14.14	0.00279	91.92	-21.21	0.00353	
84.85	-28.28	0.00453	77.78	-35.36	0.00588	
74.25	-38.89	0.00670	70.71	-42.43	0.00760	
68.59	-44.55	0.00818	67.18	-45.96	0.00857	
65.76	-47.38	0.00896	64.35	-48.79	0.00937	
62.93	-50.20	0.00984	50.20	-62.93	0.00317	
48.79	-64.35	0.00273	47.38	-65.76	0.00240	
45.96	-67.18	0.00214	44.55	-68.59	0.00194	
42.43	-70.71	0.00170	38.89	-74.25	0.00141	
35.36	-77.78	0.00121	28.28	-84.85	0.00093	
21.21	-91.92	0.00074	14.14	-98.99	0.00061	
7.07	-106.07	0.00050	0.00	-113.14	0.00042	
-7.07	-120.21	0.00035	-14.14	-127.28	0.00030	
134.35	7.07	0.00125	127.28	0.00	0.00148	
120.21	-7.07	0.00177	113.14	-14.14	0.00214	
106.07	-21.21	0.00264	98.99	-28.28	0.00332	
91.92	-35.36	0.00426	84.85	-42.43	0.00558	
81.32	-45.96	0.00642	77.78	-49.50	0.00737	
75.66	-51.62	0.00798	74.25	-53.03	0.00840	



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00883	71.42	-55.86	0.00927
70.00	-57.28	0.00977	57.28	-70.00	0.00341
55.86	-71.42	0.00296	54.45	-72.83	0.00263
53.03	-74.25	0.00237	51.62	-75.66	0.00216

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00190	45.96	-81.32	0.00159
42.43	-84.85	0.00135	35.36	-91.92	0.00102
28.28	-98.99	0.00080	21.21	-106.07	0.00065
14.14	-113.14	0.00053	7.07	-120.21	0.00045
0.00	-127.28	0.00038	-7.07	-134.35	0.00032
141.42	0.00	0.00121	134.35	-7.07	0.00142
127.28	-14.14	0.00169	120.21	-21.21	0.00202
113.14	-28.28	0.00246	106.07	-35.36	0.00305
98.99	-42.43	0.00389	91.92	-49.50	0.00512
88.39	-53.03	0.00592	84.85	-56.57	0.00688
82.73	-58.69	0.00752	81.32	-60.10	0.00796
79.90	-61.52	0.00843	78.49	-62.93	0.00891
77.07	-64.35	0.00944	64.35	-77.07	0.00355
62.93	-78.49	0.00312	61.52	-79.90	0.00280
60.10	-81.32	0.00254	58.69	-82.73	0.00233
56.57	-84.85	0.00207	53.03	-88.39	0.00173
49.50	-91.92	0.00148	42.43	-98.99	0.00111
35.36	-106.07	0.00086	28.28	-113.14	0.00068
21.21	-120.21	0.00056	14.14	-127.28	0.00047
7.07	-134.35	0.00040	0.00	-141.42	0.00034
148.49	-7.07	0.00116	141.42	-14.14	0.00135
134.35	-21.21	0.00159	127.28	-28.28	0.00189
120.21	-35.36	0.00227	113.14	-42.43	0.00278
106.07	-49.50	0.00348	98.99	-56.57	0.00451
95.46	-60.10	0.00521	91.92	-63.64	0.00609
89.80	-65.76	0.00671	88.39	-67.18	0.00717
86.97	-68.59	0.00766	85.56	-70.00	0.00818
84.15	-71.42	0.00876	71.42	-84.15	0.00362
70.00	-85.56	0.00322	68.59	-86.97	0.00291
67.18	-88.39	0.00266	65.76	-89.80	0.00245

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00219	60.10	-95.46	0.00184
56.57	-98.99	0.00157	49.50	-106.07	0.00118
42.43	-113.14	0.00092	35.36	-120.21	0.00073
28.28	-127.28	0.00059	21.21	-134.35	0.00049
14.14	-141.42	0.00041	7.07	-148.49	0.00035
155.56	-14.14	0.00109	148.49	-21.21	0.00127
141.42	-28.28	0.00147	134.35	-35.36	0.00173
127.28	-42.43	0.00207	120.21	-49.50	0.00250
113.14	-56.57	0.00308	106.07	-63.64	0.00386
102.53	-67.18	0.00439	98.99	-70.71	0.00505

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00555	95.46	-74.25	0.00594
94.05	-75.66	0.00639	92.63	-77.07	0.00691
91.22	-78.49	0.00752	78.49	-91.22	0.00364
77.07	-92.63	0.00327	75.66	-94.05	0.00297
74.25	-95.46	0.00273	72.83	-96.87	0.00252
70.71	-98.99	0.00226	67.18	-102.53	0.00191
63.64	-106.07	0.00164	56.57	-113.14	0.00124
49.50	-120.21	0.00096	42.43	-127.28	0.00076
35.36	-134.35	0.00061	28.28	-141.42	0.00050
21.21	-148.49	0.00042	14.14	-155.56	0.00036
162.63	-21.21	0.00102	155.56	-28.28	0.00117
148.49	-35.36	0.00135	141.42	-42.43	0.00158
134.35	-49.50	0.00186	127.28	-56.57	0.00222
120.21	-63.64	0.00267	113.14	-70.71	0.00325
109.60	-74.25	0.00362	106.07	-77.78	0.00404
103.94	-79.90	0.00435	102.53	-81.32	0.00458
101.12	-82.73	0.00484	99.70	-84.15	0.00515
98.29	-85.56	0.00557	85.56	-98.29	0.00361
84.15	-99.70	0.00326	82.73	-101.12	0.00298
81.32	-102.53	0.00275	79.90	-103.94	0.00255
77.78	-106.07	0.00229	74.25	-109.60	0.00195
70.71	-113.14	0.00168	63.64	-120.21	0.00128
56.57	-127.28	0.00100	49.50	-134.35	0.00079
42.43	-141.42	0.00064	35.36	-148.49	0.00052

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00043	21.21	-162.63	0.00037
169.71	-28.28	0.00095	162.63	-35.36	0.00108
155.56	-42.43	0.00123	148.49	-49.50	0.00143
141.42	-56.57	0.00166	134.35	-63.64	0.00195
127.28	-70.71	0.00230	120.21	-77.78	0.00271
116.67	-81.32	0.00295	113.14	-84.85	0.00322
111.02	-86.97	0.00339	109.60	-88.39	0.00351
108.19	-89.80	0.00364	106.77	-91.22	0.00379
105.36	-92.63	0.00395	92.63	-105.36	0.00345
91.22	-106.77	0.00316	89.80	-108.19	0.00291
88.39	-109.60	0.00270	86.97	-111.02	0.00251
84.85	-113.14	0.00227	81.32	-116.67	0.00195
77.78	-120.21	0.00168	70.71	-127.28	0.00129
63.64	-134.35	0.00101	56.57	-141.42	0.00080
49.50	-148.49	0.00065	42.43	-155.56	0.00053
35.36	-162.63	0.00044	28.28	-169.71	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00088	169.71	-42.43	0.00099
162.63	-49.50	0.00112	155.56	-56.57	0.00128
148.49	-63.64	0.00148	141.42	-70.71	0.00170
134.35	-77.78	0.00196	127.28	-84.85	0.00227
123.74	-88.39	0.00245	120.21	-91.92	0.00265
118.09	-94.05	0.00280	116.67	-95.46	0.00290
115.26	-96.87	0.00301	113.84	-98.29	0.00312
112.43	-99.70	0.00323	99.70	-112.43	0.00304
98.29	-113.84	0.00287	96.87	-115.26	0.00270
95.46	-116.67	0.00254	94.05	-118.09	0.00239
91.92	-120.21	0.00218	88.39	-123.74	0.00188
84.85	-127.28	0.00164	77.78	-134.35	0.00127
70.71	-141.42	0.00100	63.64	-148.49	0.00080
56.57	-155.56	0.00065	49.50	-162.63	0.00054
42.43	-169.71	0.00045	35.36	-176.78	0.00038
183.85	-42.43	0.00080	176.78	-49.50	0.00090
169.71	-56.57	0.00101	162.63	-63.64	0.00115
155.56	-70.71	0.00130	148.49	-77.78	0.00148

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00169	134.35	-91.92	0.00195
130.81	-95.46	0.00211	127.28	-98.99	0.00229
125.16	-101.12	0.00240	123.74	-102.53	0.00248
122.33	-103.94	0.00255	120.92	-105.36	0.00262
119.50	-106.77	0.00269	106.77	-119.50	0.00260
105.36	-120.92	0.00249	103.94	-122.33	0.00238
102.53	-123.74	0.00227	101.12	-125.16	0.00216
98.99	-127.28	0.00201	95.46	-130.81	0.00177
91.92	-134.35	0.00157	84.85	-141.42	0.00123
77.78	-148.49	0.00097	70.71	-155.56	0.00079
63.64	-162.63	0.00064	56.57	-169.71	0.00053
49.50	-176.78	0.00045	42.43	-183.85	0.00038
190.92	-49.50	0.00073	183.85	-56.57	0.00081
176.78	-63.64	0.00091	169.71	-70.71	0.00102
162.63	-77.78	0.00115	155.56	-84.85	0.00130
148.49	-91.92	0.00148	141.42	-98.99	0.00172
137.89	-102.53	0.00185	134.35	-106.07	0.00198
132.23	-108.19	0.00206	130.81	-109.60	0.00211
129.40	-111.02	0.00216	127.99	-112.43	0.00221
126.57	-113.84	0.00225	113.84	-126.57	0.00220
112.43	-127.99	0.00213	111.02	-129.40	0.00206
109.60	-130.81	0.00198	108.19	-132.23	0.00191

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

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00179	102.53	-137.89	0.00161
98.99	-141.42	0.00145	91.92	-148.49	0.00117
84.85	-155.56	0.00094	77.78	-162.63	0.00077
70.71	-169.71	0.00063	63.64	-176.78	0.00052
56.57	-183.85	0.00044	49.50	-190.92	0.00037
197.99	-56.57	0.00067	190.92	-63.64	0.00074
183.85	-70.71	0.00082	176.78	-77.78	0.00091
169.71	-84.85	0.00102	162.63	-91.92	0.00116
155.56	-98.99	0.00132	148.49	-106.07	0.00151
144.96	-109.60	0.00160	141.42	-113.14	0.00171
139.30	-115.26	0.00176	137.89	-116.67	0.00180
136.47	-118.09	0.00183	135.06	-119.50	0.00186

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00188	120.92	-133.64	0.00186
119.50	-135.06	0.00182	118.09	-136.47	0.00177
116.67	-137.89	0.00172	115.26	-139.30	0.00166
113.14	-141.42	0.00158	109.60	-144.96	0.00144
106.07	-148.49	0.00132	98.99	-155.56	0.00109
91.92	-162.63	0.00090	84.85	-169.71	0.00074
77.78	-176.78	0.00061	70.71	-183.85	0.00051
63.64	-190.92	0.00043	56.57	-197.99	0.00037
205.06	-63.64	0.00061	197.99	-70.71	0.00067
190.92	-77.78	0.00074	183.85	-84.85	0.00082
176.78	-91.92	0.00093	169.71	-98.99	0.00105
162.63	-106.07	0.00118	155.56	-113.14	0.00132
152.03	-116.67	0.00140	148.49	-120.21	0.00147
146.37	-122.33	0.00151	144.96	-123.74	0.00154
143.54	-125.16	0.00156	142.13	-126.57	0.00158
140.71	-127.99	0.00159	127.99	-140.71	0.00158
126.57	-142.13	0.00155	125.16	-143.54	0.00152
123.74	-144.96	0.00148	122.33	-146.37	0.00144
120.21	-148.49	0.00138	116.67	-152.03	0.00128
113.14	-155.56	0.00118	106.07	-162.63	0.00100
98.99	-169.71	0.00085	91.92	-176.78	0.00071
84.85	-183.85	0.00060	77.78	-190.92	0.00050
70.71	-197.99	0.00043	63.64	-205.06	0.00036
212.13	-70.71	0.00056	205.06	-77.78	0.00061
197.99	-84.85	0.00068	190.92	-91.92	0.00076
183.85	-98.99	0.00084	176.78	-106.07	0.00094
169.71	-113.14	0.00105	162.63	-120.21	0.00116
159.10	-123.74	0.00122	155.56	-127.28	0.00128

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

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00131	152.03	-130.81	0.00132
150.61	-132.23	0.00133	149.20	-133.64	0.00135
147.79	-135.06	0.00135	135.06	-147.79	0.00135
133.64	-149.20	0.00133	132.23	-150.61	0.00131
130.81	-152.03	0.00129	129.40	-153.44	0.00126
127.28	-155.56	0.00121	123.74	-159.10	0.00113

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00106	113.14	-169.71	0.00091
106.07	-176.78	0.00078	98.99	-183.85	0.00067
91.92	-190.92	0.00058	84.85	-197.99	0.00049
77.78	-205.06	0.00042	70.71	-212.13	0.00036
219.20	-77.78	0.00052	212.13	-84.85	0.00057
205.06	-91.92	0.00063	197.99	-98.99	0.00070
190.92	-106.07	0.00077	183.85	-113.14	0.00085
176.78	-120.21	0.00093	169.71	-127.28	0.00103
166.17	-130.81	0.00107	162.63	-134.35	0.00111
160.51	-136.47	0.00113	159.10	-137.89	0.00114
157.68	-139.30	0.00115	156.27	-140.71	0.00116
154.86	-142.13	0.00117	142.13	-154.86	0.00117
140.71	-156.27	0.00115	139.30	-157.68	0.00114
137.89	-159.10	0.00112	136.47	-160.51	0.00110
134.35	-162.63	0.00107	130.81	-166.17	0.00101
127.28	-169.71	0.00094	120.21	-176.78	0.00083
113.14	-183.85	0.00072	106.07	-190.92	0.00063
98.99	-197.99	0.00055	91.92	-205.06	0.00047
84.85	-212.13	0.00041	77.78	-219.20	0.00035
226.27	-84.85	0.00048	219.20	-91.92	0.00053
212.13	-98.99	0.00058	205.06	-106.07	0.00064
197.99	-113.14	0.00070	190.92	-120.21	0.00076
183.85	-127.28	0.00084	176.78	-134.35	0.00091
173.24	-137.89	0.00095	169.71	-141.42	0.00097
167.58	-143.54	0.00099	166.17	-144.96	0.00099
164.76	-146.37	0.00100	163.34	-147.79	0.00101
161.93	-149.20	0.00101	149.20	-161.93	0.00101
147.79	-163.34	0.00101	146.37	-164.76	0.00099
144.96	-166.17	0.00098	143.54	-167.58	0.00097
141.42	-169.71	0.00094	137.89	-173.24	0.00090
134.35	-176.78	0.00085	127.28	-183.85	0.00075
120.21	-190.92	0.00066	113.14	-197.99	0.00059
106.07	-205.06	0.00052	98.99	-212.13	0.00045
91.92	-219.20	0.00040	84.85	-226.27	0.00035

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

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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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15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00045	226.27	-98.99	0.00049
219.20	-106.07	0.00054	212.13	-113.14	0.00059
205.06	-120.21	0.00064	197.99	-127.28	0.00069
190.92	-134.35	0.00075	183.85	-141.42	0.00081
180.31	-144.96	0.00084	176.78	-148.49	0.00086
174.66	-150.61	0.00087	173.24	-152.03	0.00087
171.83	-153.44	0.00088	170.41	-154.86	0.00088
169.00	-156.27	0.00089	156.27	-169.00	0.00089
154.86	-170.41	0.00088	153.44	-171.83	0.00088
152.03	-173.24	0.00087	150.61	-174.66	0.00086
148.49	-176.78	0.00084	144.96	-180.31	0.00080
141.42	-183.85	0.00076	134.35	-190.92	0.00068
127.28	-197.99	0.00061	120.21	-205.06	0.00054
113.14	-212.13	0.00048	106.07	-219.20	0.00043
98.99	-226.27	0.00038	91.92	-233.35	0.00034
240.42	-98.99	0.00042	233.35	-106.07	0.00046
226.27	-113.14	0.00050	219.20	-120.21	0.00054
212.13	-127.28	0.00058	205.06	-134.35	0.00063
197.99	-141.42	0.00068	190.92	-148.49	0.00073
187.38	-152.03	0.00075	183.85	-155.56	0.00076
181.73	-157.68	0.00077	180.31	-159.10	0.00077
178.90	-160.51	0.00078	177.48	-161.93	0.00078
176.07	-163.34	0.00078	163.34	-176.07	0.00078
161.93	-177.48	0.00078	160.51	-178.90	0.00077
159.10	-180.31	0.00077	157.68	-181.73	0.00076
155.56	-183.85	0.00075	152.03	-187.38	0.00072
148.49	-190.92	0.00069	141.42	-197.99	0.00062
134.35	-205.06	0.00056	127.28	-212.13	0.00050
120.21	-219.20	0.00045	113.14	-226.27	0.00041
106.07	-233.35	0.00036	98.99	-240.42	0.00032
247.49	-106.07	0.00040	240.42	-113.14	0.00043
233.35	-120.21	0.00046	226.27	-127.28	0.00050
219.20	-134.35	0.00053	212.13	-141.42	0.00057
205.06	-148.49	0.00062	197.99	-155.56	0.00065
194.45	-159.10	0.00067	190.92	-162.63	0.00068
188.80	-164.76	0.00068	187.38	-166.17	0.00069
185.97	-167.58	0.00069	184.55	-169.00	0.00069
183.14	-170.41	0.00069	170.41	-183.14	0.00070
169.00	-184.55	0.00069	167.58	-185.97	0.00069
166.17	-187.38	0.00069	164.76	-188.80	0.00068

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

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

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00067	159.10	-194.45	0.00065	
155.56	-197.99	0.00062	148.49	-205.06	0.00057	
141.42	-212.13	0.00051	134.35	-219.20	0.00047	
127.28	-226.27	0.00042	120.21	-233.35	0.00038	
113.14	-240.42	0.00034	106.07	-247.49	0.00031	

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00039	-113.14	240.42	0.00038	
-120.21	233.35	0.00038	-127.28	226.27	0.00037	
-134.35	219.20	0.00036	-141.42	212.13	0.00035	
-148.49	205.06	0.00034	-155.56	197.99	0.00032	
-159.10	194.45	0.00031	-162.63	190.92	0.00030	
-164.76	188.80	0.00030	-166.17	187.38	0.00029	
-167.58	185.97	0.00029	-169.00	184.55	0.00028	
-170.41	183.14	0.00028	-183.14	170.41	0.00023	
-184.55	169.00	0.00022	-185.97	167.58	0.00022	
-187.38	166.17	0.00021	-188.80	164.76	0.00021	
-190.92	162.63	0.00020	-194.45	159.10	0.00018	
-197.99	155.56	0.00017	-205.06	148.49	0.00015	
-212.13	141.42	0.00013	-219.20	134.35	0.00011	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00008	-247.49	106.07	0.00007	
-98.99	240.42	0.00042	-106.07	233.35	0.00042	
-113.14	226.27	0.00041	-120.21	219.20	0.00040	
-127.28	212.13	0.00039	-134.35	205.06	0.00038	
-141.42	197.99	0.00037	-148.49	190.92	0.00035	
-152.03	187.38	0.00034	-155.56	183.85	0.00033	
-157.68	181.73	0.00032	-159.10	180.31	0.00032	
-160.51	178.90	0.00031	-161.93	177.48	0.00031	
-163.34	176.07	0.00030	-176.07	163.34	0.00024	



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00024	-178.90	160.51	0.00023
-180.31	159.10	0.00023	-181.73	157.68	0.00022
-183.85	155.56	0.00021	-187.38	152.03	0.00020
-190.92	148.49	0.00018	-197.99	141.42	0.00016
-205.06	134.35	0.00014	-212.13	127.28	0.00012
-219.20	120.21	0.00011	-226.27	113.14	0.00009
-233.35	106.07	0.00008	-240.42	98.99	0.00008
-91.92	233.35	0.00046	-98.99	226.27	0.00045
-106.07	219.20	0.00045	-113.14	212.13	0.00044
-120.21	205.06	0.00043	-127.28	197.99	0.00042
-134.35	190.92	0.00040	-141.42	183.85	0.00038
-144.96	180.31	0.00037	-148.49	176.78	0.00036
-150.61	174.66	0.00035	-152.03	173.24	0.00034
-153.44	171.83	0.00034	-154.86	170.41	0.00033
-156.27	169.00	0.00033	-169.00	156.27	0.00026
-170.41	154.86	0.00026	-171.83	153.44	0.00025
-173.24	152.03	0.00024	-174.66	150.61	0.00024

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

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

20:09:30

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00023	-180.31	144.96	0.00021
-183.85	141.42	0.00019	-190.92	134.35	0.00017
-197.99	127.28	0.00014	-205.06	120.21	0.00012
-212.13	113.14	0.00011	-219.20	106.07	0.00010
-226.27	99.00	0.00009	-233.35	91.92	0.00008
-84.85	226.27	0.00049	-91.92	219.20	0.00050
-98.99	212.13	0.00049	-106.07	205.06	0.00048
-113.14	197.99	0.00047	-120.21	190.92	0.00046
-127.28	183.85	0.00044	-134.35	176.78	0.00042
-137.89	173.24	0.00041	-141.42	169.71	0.00039
-143.54	167.58	0.00038	-144.96	166.17	0.00038
-146.37	164.76	0.00037	-147.79	163.34	0.00036
-149.20	161.93	0.00036	-161.93	149.20	0.00029
-163.34	147.79	0.00028	-164.76	146.37	0.00027
-166.17	144.96	0.00026	-167.58	143.54	0.00025
-169.71	141.42	0.00024	-173.24	137.89	0.00022
-176.78	134.35	0.00021	-183.85	127.28	0.00018



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00066	-84.85	183.85	0.00065
-91.92	176.78	0.00064	-98.99	169.71	0.00062
-106.07	162.63	0.00060	-113.14	155.56	0.00057
-116.67	152.03	0.00055	-120.21	148.49	0.00053
-122.33	146.37	0.00052	-123.74	144.96	0.00051
-125.16	143.54	0.00050	-126.57	142.13	0.00049
-127.99	140.71	0.00048	-140.71	127.99	0.00037
-142.13	126.57	0.00036	-143.54	125.16	0.00034
-144.96	123.74	0.00033	-146.37	122.33	0.00032
-148.49	120.21	0.00030	-152.03	116.67	0.00027
-155.56	113.14	0.00025	-162.63	106.07	0.00021
-169.71	98.99	0.00018	-176.78	91.92	0.00015
-183.85	84.85	0.00013	-190.92	77.78	0.00012
-197.99	70.71	0.00010	-205.06	63.64	0.00010
-56.57	197.99	0.00069	-63.64	190.92	0.00071
-70.71	183.85	0.00072	-77.78	176.78	0.00073
-84.85	169.71	0.00071	-91.92	162.63	0.00070
-98.99	155.56	0.00067	-106.07	148.49	0.00064
-109.60	144.96	0.00062	-113.14	141.42	0.00059
-115.26	139.30	0.00058	-116.67	137.89	0.00057
-118.09	136.47	0.00056	-119.50	135.06	0.00054
-120.92	133.64	0.00053	-133.64	120.92	0.00040
-135.06	119.50	0.00039	-136.47	118.09	0.00038
-137.89	116.67	0.00036	-139.30	115.26	0.00035
-141.42	113.14	0.00033	-144.96	109.60	0.00030
-148.49	106.07	0.00027	-155.56	98.99	0.00022
-162.63	91.92	0.00019	-169.71	84.85	0.00016
-176.78	77.78	0.00014	-183.85	70.71	0.00012
-190.92	63.64	0.00011	-197.99	56.57	0.00010

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

20:09:30  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00075	-56.57	183.85	0.00078
-63.64	176.78	0.00080	-70.71	169.71	0.00081
-77.78	162.63	0.00080	-84.85	155.56	0.00078
-91.92	148.49	0.00076	-98.99	141.42	0.00072
-102.53	137.89	0.00070	-106.07	134.35	0.00067

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00065	-109.60	130.81	0.00064
-111.02	129.40	0.00063	-112.43	127.99	0.00061
-113.84	126.57	0.00060	-126.57	113.84	0.00045
-127.99	112.43	0.00043	-129.40	111.02	0.00041
-130.81	109.60	0.00039	-132.23	108.19	0.00038
-134.35	106.07	0.00035	-137.89	102.53	0.00032
-141.42	98.99	0.00029	-148.49	91.92	0.00024
-155.56	84.85	0.00020	-162.63	77.78	0.00017
-169.71	70.71	0.00015	-176.78	63.64	0.00013
-183.85	56.57	0.00012	-190.92	49.50	0.00011
-42.43	183.85	0.00081	-49.50	176.78	0.00085
-56.57	169.71	0.00089	-63.64	162.63	0.00091
-70.71	155.56	0.00091	-77.78	148.49	0.00089
-84.85	141.42	0.00086	-91.92	134.35	0.00082
-95.46	130.81	0.00079	-98.99	127.28	0.00076
-101.12	125.16	0.00074	-102.53	123.74	0.00073
-103.94	122.33	0.00071	-105.36	120.92	0.00069
-106.77	119.50	0.00068	-119.50	106.77	0.00049
-120.92	105.36	0.00047	-122.33	103.94	0.00045
-123.74	102.53	0.00043	-125.16	101.12	0.00041
-127.28	98.99	0.00039	-130.81	95.46	0.00034
-134.35	91.92	0.00031	-141.42	84.85	0.00025
-148.49	77.78	0.00021	-155.56	70.71	0.00018
-162.63	63.64	0.00015	-169.71	56.57	0.00014
-176.78	49.50	0.00012	-183.85	42.43	0.00011
-35.36	176.78	0.00087	-42.43	169.71	0.00093
-49.50	162.63	0.00098	-56.57	155.56	0.00101
-63.64	148.49	0.00103	-70.71	141.42	0.00102
-77.78	134.35	0.00098	-84.85	127.28	0.00094
-88.39	123.74	0.00091	-91.92	120.21	0.00087
-94.05	118.09	0.00085	-95.46	116.67	0.00083
-96.87	115.26	0.00081	-98.29	113.84	0.00079
-99.70	112.43	0.00077	-112.43	99.70	0.00055
-113.84	98.29	0.00052	-115.26	96.87	0.00050
-116.67	95.46	0.00048	-118.09	94.05	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 20:09:30  
 \*\*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      \*\*

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00042	-123.74	88.39	0.00037
-127.28	84.85	0.00033	-134.35	77.78	0.00027
-141.42	70.71	0.00022	-148.49	63.64	0.00019
-155.56	56.57	0.00016	-162.63	49.50	0.00015
-169.71	42.43	0.00013	-176.78	35.36	0.00012
-28.28	169.71	0.00094	-35.36	162.63	0.00102
-42.43	155.56	0.00108	-49.50	148.49	0.00114
-56.57	141.42	0.00117	-63.64	134.35	0.00117
-70.71	127.28	0.00114	-77.78	120.21	0.00108
-81.32	116.67	0.00105	-84.85	113.14	0.00101
-86.97	111.02	0.00098	-88.39	109.60	0.00096
-89.80	108.19	0.00094	-91.22	106.77	0.00091
-92.63	105.36	0.00089	-105.36	92.63	0.00062
-106.77	91.22	0.00058	-108.19	89.80	0.00056
-109.60	88.39	0.00053	-111.02	86.97	0.00050
-113.14	84.85	0.00046	-116.67	81.32	0.00041
-120.21	77.78	0.00036	-127.28	70.71	0.00029
-134.35	63.64	0.00023	-141.42	56.57	0.00020
-148.49	49.50	0.00017	-155.56	42.43	0.00016
-162.63	35.36	0.00014	-169.71	28.28	0.00013
-21.21	162.63	0.00101	-28.28	155.56	0.00110
-35.36	148.49	0.00119	-42.43	141.42	0.00127
-49.50	134.35	0.00133	-56.57	127.28	0.00135
-63.64	120.21	0.00133	-70.71	113.14	0.00127
-74.25	109.60	0.00123	-77.78	106.07	0.00118
-79.90	103.94	0.00114	-81.32	102.53	0.00112
-82.73	101.12	0.00109	-84.15	99.70	0.00106
-85.56	98.29	0.00103	-98.29	85.56	0.00069
-99.70	84.15	0.00065	-101.12	82.73	0.00062
-102.53	81.32	0.00058	-103.94	79.90	0.00055
-106.07	77.78	0.00051	-109.60	74.25	0.00044
-113.14	70.71	0.00039	-120.21	63.64	0.00031
-127.28	56.57	0.00025	-134.35	49.50	0.00021
-141.42	42.43	0.00019	-148.49	35.36	0.00017
-155.56	28.28	0.00015	-162.63	21.21	0.00014
-14.14	155.56	0.00108	-21.21	148.49	0.00119
-28.28	141.42	0.00131	-35.36	134.35	0.00142
-42.43	127.28	0.00151	-49.50	120.21	0.00156
-56.57	113.14	0.00156	-63.64	106.07	0.00150
-67.18	102.53	0.00145	-70.71	98.99	0.00140

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00136	-74.25	95.46	0.00132
-75.66	94.05	0.00129	-77.07	92.63	0.00126
-78.49	91.22	0.00122	-91.22	78.49	0.00078
-92.63	77.07	0.00074	-94.05	75.66	0.00069
-95.46	74.25	0.00065	-96.87	72.83	0.00061
-98.99	70.71	0.00055	-102.53	67.18	0.00048
-106.07	63.64	0.00042	-113.14	56.57	0.00033
-120.21	49.50	0.00027	-127.28	42.43	0.00023
-134.35	35.36	0.00020	-141.42	28.28	0.00018
-148.49	21.21	0.00017	-155.56	14.14	0.00015
-7.07	148.49	0.00114	-14.14	141.42	0.00128
-21.21	134.35	0.00143	-28.28	127.28	0.00158
-35.36	120.21	0.00171	-42.43	113.14	0.00181
-49.50	106.07	0.00185	-56.57	98.99	0.00180
-60.10	95.46	0.00175	-63.64	91.92	0.00168
-65.76	89.80	0.00163	-67.18	88.39	0.00159
-68.59	86.97	0.00155	-70.00	85.56	0.00150
-71.42	84.15	0.00146	-84.15	71.42	0.00089
-85.56	70.00	0.00083	-86.97	68.59	0.00077
-88.39	67.18	0.00072	-89.80	65.76	0.00067
-91.92	63.64	0.00061	-95.46	60.10	0.00052
-98.99	56.57	0.00045	-106.07	49.50	0.00035
-113.14	42.43	0.00029	-120.21	35.36	0.00025
-127.28	28.28	0.00022	-134.35	21.21	0.00020
-141.42	14.14	0.00018	-148.49	7.07	0.00016
0.00	141.42	0.00119	-7.07	134.35	0.00136
-14.14	127.28	0.00154	-21.21	120.21	0.00174
-28.28	113.14	0.00193	-35.36	106.07	0.00210
-42.43	98.99	0.00220	-49.50	91.92	0.00219
-53.03	88.39	0.00214	-56.57	84.85	0.00205
-58.69	82.73	0.00199	-60.10	81.32	0.00194
-61.52	79.90	0.00189	-62.93	78.49	0.00183
-64.35	77.07	0.00177	-77.07	64.35	0.00102
-78.49	62.93	0.00094	-79.90	61.52	0.00087
-81.32	60.10	0.00080	-82.73	58.69	0.00074
-84.85	56.57	0.00067	-88.39	53.03	0.00056
-91.92	49.50	0.00049	-98.99	42.43	0.00038

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00032	-113.14	28.28	0.00027
-120.21	21.21	0.00024	-127.28	14.14	0.00021
-134.35	7.07	0.00019	-141.42	0.00	0.00017

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00124	0.00	127.28	0.00143
-7.07	120.21	0.00164	-14.14	113.14	0.00189
-21.21	106.07	0.00216	-28.28	98.99	0.00241
-35.36	91.92	0.00261	-42.43	84.85	0.00269
-45.96	81.32	0.00265	-49.50	77.78	0.00256
-51.62	75.66	0.00249	-53.03	74.25	0.00242
-54.45	72.83	0.00236	-55.86	71.42	0.00228
-57.28	70.00	0.00220	-70.00	57.28	0.00116
-71.42	55.86	0.00106	-72.83	54.45	0.00097
-74.25	53.03	0.00089	-75.66	51.62	0.00082
-77.78	49.50	0.00073	-81.32	45.96	0.00061
-84.85	42.43	0.00053	-91.92	35.36	0.00042
-98.99	28.28	0.00035	-106.07	21.21	0.00030
-113.14	14.14	0.00026	-120.21	7.07	0.00023
-127.28	0.00	0.00020	-134.35	-7.07	0.00018
14.14	127.28	0.00127	7.07	120.21	0.00148
0.00	113.14	0.00173	-7.07	106.07	0.00202
-14.14	98.99	0.00236	-21.21	91.92	0.00273
-28.28	84.85	0.00307	-35.36	77.78	0.00330
-38.89	74.25	0.00333	-42.43	70.71	0.00326
-44.55	68.59	0.00318	-45.96	67.18	0.00310
-47.38	65.76	0.00301	-48.79	64.35	0.00291
-50.20	62.93	0.00280	-62.93	50.20	0.00132
-64.35	48.79	0.00119	-65.76	47.38	0.00108
-67.18	45.96	0.00098	-68.59	44.55	0.00090
-70.71	42.43	0.00079	-74.25	38.89	0.00066
-77.78	35.36	0.00057	-84.85	28.28	0.00046
-91.92	21.21	0.00038	-98.99	14.14	0.00033
-106.07	7.07	0.00028	-113.14	0.00	0.00025
-120.21	-7.07	0.00022	-127.28	-14.14	0.00019
21.21	120.21	0.00130	14.14	113.14	0.00153

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00180	0.00	98.99	0.00213
-7.07	91.92	0.00254	-14.14	84.85	0.00301
-21.21	77.78	0.00353	-28.28	70.71	0.00400
-31.82	67.18	0.00415	-35.36	63.64	0.00420
-37.48	61.52	0.00414	-38.89	60.10	0.00407
-40.31	58.69	0.00396	-41.72	57.28	0.00383
-43.13	55.86	0.00367	-55.86	43.13	0.00149
-57.28	41.72	0.00132	-58.69	40.31	0.00118
-60.10	38.89	0.00107	-61.52	37.48	0.00097

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00086	-67.18	31.82	0.00072
-70.71	28.28	0.00063	-77.78	21.21	0.00050
-84.85	14.14	0.00042	-91.92	7.07	0.00036
-98.99	0.00	0.00031	-106.07	-7.07	0.00027
-113.14	-14.14	0.00023	-120.21	-21.21	0.00021
28.28	113.14	0.00132	21.21	106.07	0.00156
14.14	98.99	0.00186	7.07	91.92	0.00223
0.00	84.85	0.00269	-7.07	77.78	0.00326
-14.14	70.71	0.00393	-21.21	63.64	0.00467
-24.75	60.10	0.00503	-28.28	56.57	0.00531
-30.41	54.45	0.00540	-31.82	53.03	0.00540
-33.23	51.62	0.00534	-34.65	50.20	0.00522
-36.06	48.79	0.00503	-48.79	36.06	0.00164
-50.20	34.65	0.00144	-51.62	33.23	0.00128
-53.03	31.82	0.00116	-54.45	30.41	0.00106
-56.57	28.28	0.00094	-60.10	24.75	0.00080
-63.64	21.21	0.00069	-70.71	14.14	0.00055
-77.78	7.07	0.00046	-84.85	0.00	0.00039
-91.92	-7.07	0.00033	-98.99	-14.14	0.00029
-106.07	-21.21	0.00025	-113.14	-28.28	0.00022
35.36	106.07	0.00133	28.28	98.99	0.00158
21.21	91.92	0.00190	14.14	84.85	0.00230
7.07	77.78	0.00281	0.00	70.71	0.00346
-7.07	63.64	0.00427	-14.14	56.57	0.00525
-17.68	53.03	0.00579	-21.21	49.50	0.00633



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00662	-24.75	45.96	0.00679
-26.16	44.55	0.00695	-27.58	43.13	0.00706
-28.99	41.72	0.00707	-41.72	28.99	0.00179
-43.13	27.58	0.00156	-44.55	26.16	0.00139
-45.96	24.75	0.00126	-47.38	23.33	0.00115
-49.50	21.21	0.00102	-53.03	17.68	0.00087
-56.57	14.14	0.00076	-63.64	7.07	0.00061
-70.71	0.00	0.00050	-77.78	-7.07	0.00042
-84.85	-14.14	0.00036	-91.92	-21.21	0.00031
-98.99	-28.28	0.00027	-106.07	-35.36	0.00023
42.43	98.99	0.00133	35.36	91.92	0.00159
28.28	84.85	0.00192	21.21	77.78	0.00234
14.14	70.71	0.00289	7.07	63.64	0.00360
0.00	56.57	0.00453	-7.07	49.50	0.00569
-10.61	45.96	0.00637	-14.14	42.43	0.00709

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00752	-17.68	38.89	0.00781
-19.09	37.48	0.00808	-20.51	36.06	0.00841
-21.92	34.65	0.00873	-34.65	21.92	0.00202
-36.06	20.51	0.00175	-37.48	19.09	0.00154
-38.89	17.68	0.00139	-40.31	16.26	0.00127
-42.43	14.14	0.00113	-45.96	10.61	0.00096
-49.50	7.07	0.00084	-56.57	0.00	0.00067
-63.64	-7.07	0.00055	-70.71	-14.14	0.00046
-77.78	-21.21	0.00039	-84.85	-28.28	0.00033
-91.92	-35.36	0.00029	-98.99	-42.43	0.00025
49.50	91.92	0.00132	42.43	84.85	0.00157
35.36	77.78	0.00190	28.28	70.71	0.00234
21.21	63.64	0.00291	14.14	56.57	0.00367
7.07	49.50	0.00467	0.00	42.43	0.00596
-3.54	38.89	0.00671	-7.07	35.36	0.00752
-9.19	33.23	0.00800	-10.61	31.82	0.00831
-12.02	30.41	0.00862	-13.44	28.99	0.00895
-14.85	27.58	0.00934	-27.58	14.85	0.00242
-28.99	13.44	0.00206	-30.41	12.02	0.00179

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00160	-33.23	9.19	0.00145
-35.36	7.07	0.00128	-38.89	3.54	0.00108
-42.43	0.00	0.00095	-49.50	-7.07	0.00075
-56.57	-14.14	0.00062	-63.64	-21.21	0.00051
-70.71	-28.28	0.00043	-77.78	-35.36	0.00036
-84.85	-42.43	0.00031	-91.92	-49.50	0.00026
56.57	84.85	0.00130	49.50	77.78	0.00155
42.43	70.71	0.00187	35.36	63.64	0.00230
28.28	56.57	0.00288	21.21	49.50	0.00365
14.14	42.43	0.00468	7.07	35.36	0.00602
3.54	31.82	0.00679	0.00	28.28	0.00764
-2.12	26.16	0.00817	-3.54	24.75	0.00853
-4.95	23.33	0.00888	-6.36	21.92	0.00925
-7.78	20.51	0.00969	-20.51	7.78	0.00284
-21.92	6.36	0.00242	-23.33	4.95	0.00211
-24.75	3.54	0.00187	-26.16	2.12	0.00169
-28.28	0.00	0.00148	-31.82	-3.54	0.00123
-35.36	-7.07	0.00106	-42.43	-14.14	0.00084
-49.50	-21.21	0.00068	-56.57	-28.28	0.00056
-63.64	-35.36	0.00046	-70.71	-42.43	0.00039
-77.78	-49.50	0.00033	-84.85	-56.57	0.00028

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00128	56.57	70.71	0.00152
49.50	63.64	0.00183	42.43	56.57	0.00224
35.36	49.50	0.00279	28.28	42.43	0.00353
21.21	35.36	0.00453	14.14	28.28	0.00588
10.61	24.75	0.00670	7.07	21.21	0.00760
4.95	19.09	0.00818	3.54	17.68	0.00857
2.12	16.26	0.00896	0.71	14.85	0.00937
-0.71	13.44	0.00984	-13.44	0.71	0.00317
-14.85	-0.71	0.00273	-16.26	-2.12	0.00240
-17.68	-3.54	0.00214	-19.09	-4.95	0.00194
-21.21	-7.07	0.00170	-24.75	-10.61	0.00141
-28.28	-14.14	0.00121	-35.36	-21.21	0.00093
-42.43	-28.28	0.00074	-49.50	-35.36	0.00061

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00050	-63.64	-49.50	0.00042
-70.71	-56.57	0.00035	-77.78	-63.64	0.00030
70.71	70.71	0.00125	63.64	63.64	0.00148
56.57	56.57	0.00177	49.50	49.50	0.00214
42.43	42.43	0.00264	35.36	35.36	0.00332
28.28	28.28	0.00426	21.21	21.21	0.00558
17.68	17.68	0.00642	14.14	14.14	0.00737
12.02	12.02	0.00798	10.61	10.61	0.00840
9.19	9.19	0.00883	7.78	7.78	0.00927
6.36	6.36	0.00977	-6.36	-6.36	0.00341
-7.78	-7.78	0.00296	-9.19	-9.19	0.00263
-10.61	-10.61	0.00237	-12.02	-12.02	0.00216
-14.14	-14.14	0.00190	-17.68	-17.68	0.00159
-21.21	-21.21	0.00135	-28.28	-28.28	0.00102
-35.36	-35.36	0.00080	-42.43	-42.43	0.00065
-49.50	-49.50	0.00053	-56.57	-56.57	0.00045
-63.64	-63.64	0.00038	-70.71	-70.71	0.00032
77.78	63.64	0.00121	70.71	56.57	0.00142
63.64	49.50	0.00169	56.57	42.43	0.00202
49.50	35.36	0.00246	42.43	28.28	0.00305
35.36	21.21	0.00389	28.28	14.14	0.00512
24.75	10.61	0.00592	21.21	7.07	0.00688
19.09	4.95	0.00752	17.68	3.54	0.00796
16.26	2.12	0.00843	14.85	0.71	0.00891
13.44	-0.71	0.00944	0.71	-13.44	0.00355
-0.71	-14.85	0.00312	-2.12	-16.26	0.00280
-3.54	-17.68	0.00254	-4.95	-19.09	0.00233

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

20:09:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00207	-10.61	-24.75	0.00173
-14.14	-28.28	0.00148	-21.21	-35.36	0.00111
-28.28	-42.43	0.00086	-35.36	-49.50	0.00068
-42.43	-56.57	0.00056	-49.50	-63.64	0.00047
-56.57	-70.71	0.00040	-63.64	-77.78	0.00034
84.85	56.57	0.00116	77.78	49.50	0.00135
70.71	42.43	0.00159	63.64	35.36	0.00189

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00227	49.50	21.21	0.00278
42.43	14.14	0.00348	35.36	7.07	0.00451
31.82	3.54	0.00521	28.28	0.00	0.00609
26.16	-2.12	0.00671	24.75	-3.54	0.00717
23.33	-4.95	0.00766	21.92	-6.36	0.00818
20.51	-7.78	0.00876	7.78	-20.51	0.00362
6.36	-21.92	0.00322	4.95	-23.33	0.00291
3.54	-24.75	0.00266	2.12	-26.16	0.00245
0.00	-28.28	0.00219	-3.54	-31.82	0.00184
-7.07	-35.36	0.00157	-14.14	-42.43	0.00118
-21.21	-49.50	0.00092	-28.28	-56.57	0.00073
-35.36	-63.64	0.00059	-42.43	-70.71	0.00049
-49.50	-77.78	0.00041	-56.57	-84.85	0.00035
91.92	49.50	0.00109	84.85	42.43	0.00127
77.78	35.36	0.00147	70.71	28.28	0.00173
63.64	21.21	0.00207	56.57	14.14	0.00250
49.50	7.07	0.00308	42.43	0.00	0.00386
38.89	-3.54	0.00439	35.36	-7.07	0.00505
33.23	-9.19	0.00555	31.82	-10.61	0.00594
30.41	-12.02	0.00639	28.99	-13.44	0.00691
27.58	-14.85	0.00752	14.85	-27.58	0.00364
13.44	-28.99	0.00327	12.02	-30.41	0.00297
10.61	-31.82	0.00273	9.19	-33.23	0.00252
7.07	-35.36	0.00226	3.54	-38.89	0.00191
0.00	-42.43	0.00164	-7.07	-49.50	0.00124
-14.14	-56.57	0.00096	-21.21	-63.64	0.00076
-28.28	-70.71	0.00061	-35.36	-77.78	0.00050
-42.43	-84.85	0.00042	-49.50	-91.92	0.00036
98.99	42.43	0.00102	91.92	35.36	0.00117
84.85	28.28	0.00135	77.78	21.21	0.00158
70.71	14.14	0.00186	63.64	7.07	0.00222
56.57	0.00	0.00267	49.50	-7.07	0.00325
45.96	-10.61	0.00362	42.43	-14.14	0.00404

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00435	38.89	-17.68	0.00458

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00484	36.06	-20.51	0.00515
34.65	-21.92	0.00557	21.92	-34.65	0.00361
20.51	-36.06	0.00326	19.09	-37.48	0.00298
17.68	-38.89	0.00275	16.26	-40.31	0.00255
14.14	-42.43	0.00229	10.61	-45.96	0.00195
7.07	-49.50	0.00168	0.00	-56.57	0.00128
-7.07	-63.64	0.00100	-14.14	-70.71	0.00079
-21.21	-77.78	0.00064	-28.28	-84.85	0.00052
-35.36	-91.92	0.00043	-42.43	-98.99	0.00037
106.07	35.36	0.00095	98.99	28.28	0.00108
91.92	21.21	0.00123	84.85	14.14	0.00143
77.78	7.07	0.00166	70.71	0.00	0.00195
63.64	-7.07	0.00230	56.57	-14.14	0.00271
53.03	-17.68	0.00295	49.50	-21.21	0.00322
47.38	-23.33	0.00339	45.96	-24.75	0.00351
44.55	-26.16	0.00364	43.13	-27.58	0.00379
41.72	-28.99	0.00395	28.99	-41.72	0.00345
27.58	-43.13	0.00316	26.16	-44.55	0.00291
24.75	-45.96	0.00270	23.33	-47.38	0.00251
21.21	-49.50	0.00227	17.68	-53.03	0.00195
14.14	-56.57	0.00168	7.07	-63.64	0.00129
0.00	-70.71	0.00101	-7.07	-77.78	0.00080
-14.14	-84.85	0.00065	-21.21	-91.92	0.00053
-28.28	-98.99	0.00044	-35.36	-106.07	0.00037
113.14	28.28	0.00088	106.07	21.21	0.00099
98.99	14.14	0.00112	91.92	7.07	0.00128
84.85	0.00	0.00148	77.78	-7.07	0.00170
70.71	-14.14	0.00196	63.64	-21.21	0.00227
60.10	-24.75	0.00245	56.57	-28.28	0.00265
54.45	-30.41	0.00280	53.03	-31.82	0.00290
51.62	-33.23	0.00301	50.20	-34.65	0.00312
48.79	-36.06	0.00323	36.06	-48.79	0.00304
34.65	-50.20	0.00287	33.23	-51.62	0.00270
31.82	-53.03	0.00254	30.41	-54.45	0.00239
28.28	-56.57	0.00218	24.75	-60.10	0.00188
21.21	-63.64	0.00164	14.14	-70.71	0.00127
7.07	-77.78	0.00100	0.00	-84.85	0.00080
-7.07	-91.92	0.00065	-14.14	-98.99	0.00054
-21.21	-106.07	0.00045	-28.28	-113.14	0.00038

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

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	0.00080	113.14	14.14	0.00090
106.07	7.07	0.00101	98.99	0.00	0.00115
91.92	-7.07	0.00130	84.85	-14.14	0.00148
77.78	-21.21	0.00169	70.71	-28.28	0.00195
67.18	-31.82	0.00211	63.64	-35.36	0.00229
61.52	-37.48	0.00240	60.10	-38.89	0.00248
58.69	-40.31	0.00255	57.28	-41.72	0.00262
55.86	-43.13	0.00269	43.13	-55.86	0.00260
41.72	-57.28	0.00249	40.31	-58.69	0.00238
38.89	-60.10	0.00227	37.48	-61.52	0.00216
35.36	-63.64	0.00201	31.82	-67.18	0.00177
28.28	-70.71	0.00157	21.21	-77.78	0.00123
14.14	-84.85	0.00097	7.07	-91.92	0.00079
0.00	-98.99	0.00064	-7.07	-106.07	0.00053
-14.14	-113.14	0.00045	-21.21	-120.21	0.00038
127.28	14.14	0.00073	120.21	7.07	0.00081
113.14	0.00	0.00091	106.07	-7.07	0.00102
98.99	-14.14	0.00115	91.92	-21.21	0.00130
84.85	-28.28	0.00148	77.78	-35.36	0.00172
74.25	-38.89	0.00185	70.71	-42.43	0.00198
68.59	-44.55	0.00206	67.18	-45.96	0.00211
65.76	-47.38	0.00216	64.35	-48.79	0.00221
62.93	-50.20	0.00225	50.20	-62.93	0.00220
48.79	-64.35	0.00213	47.38	-65.76	0.00206
45.96	-67.18	0.00198	44.55	-68.59	0.00191
42.43	-70.71	0.00179	38.89	-74.25	0.00161
35.36	-77.78	0.00145	28.28	-84.85	0.00117
21.21	-91.92	0.00094	14.14	-98.99	0.00077
7.07	-106.07	0.00063	0.00	-113.14	0.00052
-7.07	-120.21	0.00044	-14.14	-127.28	0.00037
134.35	7.07	0.00067	127.28	0.00	0.00074
120.21	-7.07	0.00082	113.14	-14.14	0.00091
106.07	-21.21	0.00102	98.99	-28.28	0.00116
91.92	-35.36	0.00132	84.85	-42.43	0.00151
81.32	-45.96	0.00160	77.78	-49.50	0.00171
75.66	-51.62	0.00176	74.25	-53.03	0.00180
72.83	-54.45	0.00183	71.42	-55.86	0.00186
70.00	-57.28	0.00188	57.28	-70.00	0.00186
55.86	-71.42	0.00182	54.45	-72.83	0.00177

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

53.03 -74.25 0.00172 51.62 -75.66 0.00166

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

20:09:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00158	45.96	-81.32	0.00144
42.43	-84.85	0.00132	35.36	-91.92	0.00109
28.28	-98.99	0.00090	21.21	-106.07	0.00074
14.14	-113.14	0.00061	7.07	-120.21	0.00051
0.00	-127.28	0.00043	-7.07	-134.35	0.00037
141.42	0.00	0.00061	134.35	-7.07	0.00067
127.28	-14.14	0.00074	120.21	-21.21	0.00082
113.14	-28.28	0.00093	106.07	-35.36	0.00105
98.99	-42.43	0.00118	91.92	-49.50	0.00132
88.39	-53.03	0.00140	84.85	-56.57	0.00147
82.73	-58.69	0.00151	81.32	-60.10	0.00154
79.90	-61.52	0.00156	78.49	-62.93	0.00158
77.07	-64.35	0.00159	64.35	-77.07	0.00158
62.93	-78.49	0.00155	61.52	-79.90	0.00152
60.10	-81.32	0.00148	58.69	-82.73	0.00144
56.57	-84.85	0.00138	53.03	-88.39	0.00128
49.50	-91.92	0.00118	42.43	-98.99	0.00100
35.36	-106.07	0.00085	28.28	-113.14	0.00071
21.21	-120.21	0.00060	14.14	-127.28	0.00050
7.07	-134.35	0.00043	0.00	-141.42	0.00036
148.49	-7.07	0.00056	141.42	-14.14	0.00061
134.35	-21.21	0.00068	127.28	-28.28	0.00076
120.21	-35.36	0.00084	113.14	-42.43	0.00094
106.07	-49.50	0.00105	98.99	-56.57	0.00116
95.46	-60.10	0.00122	91.92	-63.64	0.00128
89.80	-65.76	0.00131	88.39	-67.18	0.00132
86.97	-68.59	0.00133	85.56	-70.00	0.00135
84.15	-71.42	0.00135	71.42	-84.15	0.00135
70.00	-85.56	0.00133	68.59	-86.97	0.00131
67.18	-88.39	0.00129	65.76	-89.80	0.00126
63.64	-91.92	0.00121	60.10	-95.46	0.00113
56.57	-98.99	0.00106	49.50	-106.07	0.00091
42.43	-113.14	0.00078	35.36	-120.21	0.00067

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00058	21.21	-134.35	0.00049
14.14	-141.42	0.00042	7.07	-148.49	0.00036
155.56	-14.14	0.00052	148.49	-21.21	0.00057
141.42	-28.28	0.00063	134.35	-35.36	0.00070
127.28	-42.43	0.00077	120.21	-49.50	0.00085
113.14	-56.57	0.00093	106.07	-63.64	0.00103
102.53	-67.18	0.00107	98.99	-70.71	0.00111

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

20:09:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00113	95.46	-74.25	0.00114
94.05	-75.66	0.00115	92.63	-77.07	0.00116
91.22	-78.49	0.00117	78.49	-91.22	0.00117
77.07	-92.63	0.00115	75.66	-94.05	0.00114
74.25	-95.46	0.00112	72.83	-96.87	0.00110
70.71	-98.99	0.00107	67.18	-102.53	0.00101
63.64	-106.07	0.00094	56.57	-113.14	0.00083
49.50	-120.21	0.00072	42.43	-127.28	0.00063
35.36	-134.35	0.00055	28.28	-141.42	0.00047
21.21	-148.49	0.00041	14.14	-155.56	0.00035
162.63	-21.21	0.00048	155.56	-28.28	0.00053
148.49	-35.36	0.00058	141.42	-42.43	0.00064
134.35	-49.50	0.00070	127.28	-56.57	0.00076
120.21	-63.64	0.00084	113.14	-70.71	0.00091
109.60	-74.25	0.00095	106.07	-77.78	0.00097
103.94	-79.90	0.00099	102.53	-81.32	0.00099
101.12	-82.73	0.00100	99.70	-84.15	0.00101
98.29	-85.56	0.00101	85.56	-98.29	0.00101
84.15	-99.70	0.00101	82.73	-101.12	0.00099
81.32	-102.53	0.00098	79.90	-103.94	0.00097
77.78	-106.07	0.00094	74.25	-109.60	0.00090
70.71	-113.14	0.00085	63.64	-120.21	0.00075
56.57	-127.28	0.00066	49.50	-134.35	0.00059
42.43	-141.42	0.00052	35.36	-148.49	0.00045
28.28	-155.56	0.00040	21.21	-162.63	0.00035
169.71	-28.28	0.00045	162.63	-35.36	0.00049
155.56	-42.43	0.00054	148.49	-49.50	0.00059



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00064	134.35	-63.64	0.00069
127.28	-70.71	0.00075	120.21	-77.78	0.00081
116.67	-81.32	0.00084	113.14	-84.85	0.00086
111.02	-86.97	0.00087	109.60	-88.39	0.00087
108.19	-89.80	0.00088	106.77	-91.22	0.00088
105.36	-92.63	0.00089	92.63	-105.36	0.00089
91.22	-106.77	0.00088	89.80	-108.19	0.00088
88.39	-109.60	0.00087	86.97	-111.02	0.00086
84.85	-113.14	0.00084	81.32	-116.67	0.00080
77.78	-120.21	0.00076	70.71	-127.28	0.00068
63.64	-134.35	0.00061	56.57	-141.42	0.00054
49.50	-148.49	0.00048	42.43	-155.56	0.00043
35.36	-162.63	0.00038	28.28	-169.71	0.00034

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

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

20:09:30

\*\*MODELOPTs:  
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00042	169.71	-42.43	0.00046
162.63	-49.50	0.00050	155.56	-56.57	0.00054
148.49	-63.64	0.00058	141.42	-70.71	0.00063
134.35	-77.78	0.00068	127.28	-84.85	0.00073
123.74	-88.39	0.00075	120.21	-91.92	0.00076
118.09	-94.05	0.00077	116.67	-95.46	0.00077
115.26	-96.87	0.00078	113.84	-98.29	0.00078
112.43	-99.70	0.00078	99.70	-112.43	0.00078
98.29	-113.84	0.00078	96.87	-115.26	0.00077
95.46	-116.67	0.00077	94.05	-118.09	0.00076
91.92	-120.21	0.00075	88.39	-123.74	0.00072
84.85	-127.28	0.00069	77.78	-134.35	0.00062
70.71	-141.42	0.00056	63.64	-148.49	0.00050
56.57	-155.56	0.00045	49.50	-162.63	0.00041
42.43	-169.71	0.00036	35.36	-176.78	0.00032
183.85	-42.43	0.00040	176.78	-49.50	0.00043
169.71	-56.57	0.00046	162.63	-63.64	0.00050
155.56	-70.71	0.00053	148.49	-77.78	0.00057
141.42	-84.85	0.00062	134.35	-91.92	0.00065
130.81	-95.46	0.00067	127.28	-98.99	0.00068
125.16	-101.12	0.00068	123.74	-102.53	0.00069

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00069	120.92	-105.36	0.00069
119.50	-106.77	0.00069	106.77	-119.50	0.00070
105.36	-120.92	0.00069	103.94	-122.33	0.00069
102.53	-123.74	0.00069	101.12	-125.16	0.00068
98.99	-127.28	0.00067	95.46	-130.81	0.00065
91.92	-134.35	0.00062	84.85	-141.42	0.00057
77.78	-148.49	0.00051	70.71	-155.56	0.00047
63.64	-162.63	0.00042	56.57	-169.71	0.00038
49.50	-176.78	0.00034	42.43	-183.85	0.00031
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00043	169.71	-70.71	0.00046
162.63	-77.78	0.00049	155.56	-84.85	0.00053
148.49	-91.92	0.00056	141.42	-98.99	0.00059
137.89	-102.53	0.00060	134.35	-106.07	0.00061
132.23	-108.19	0.00061	130.81	-109.60	0.00062
129.40	-111.02	0.00062	127.99	-112.43	0.00062
126.57	-113.84	0.00062	113.84	-126.57	0.00062
112.43	-127.99	0.00062	111.02	-129.40	0.00062
109.60	-130.81	0.00062	108.19	-132.23	0.00061

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

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

20:09:30  
 \*\*MODELOPTs:  
 PAGE 79  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00060	102.53	-137.89	0.00059
98.99	-141.42	0.00057	91.92	-148.49	0.00052
84.85	-155.56	0.00047	77.78	-162.63	0.00043
70.71	-169.71	0.00040	63.64	-176.78	0.00036
56.57	-183.85	0.00033	49.50	-190.92	0.00030
197.99	-56.57	0.00035	190.92	-63.64	0.00037
183.85	-70.71	0.00040	176.78	-77.78	0.00042
169.71	-84.85	0.00045	162.63	-91.92	0.00048
155.56	-98.99	0.00051	148.49	-106.07	0.00053
144.96	-109.60	0.00054	141.42	-113.14	0.00055
139.30	-115.26	0.00055	137.89	-116.67	0.00055
136.47	-118.09	0.00056	135.06	-119.50	0.00056
133.64	-120.92	0.00056	120.92	-133.64	0.00056
119.50	-135.06	0.00056	118.09	-136.47	0.00056
116.67	-137.89	0.00056	115.26	-139.30	0.00055

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00055	109.60	-144.96	0.00053
106.07	-148.49	0.00052	98.99	-155.56	0.00048
91.92	-162.63	0.00044	84.85	-169.71	0.00040
77.78	-176.78	0.00037	70.71	-183.85	0.00034
63.64	-190.92	0.00031	56.57	-197.99	0.00028
205.06	-63.64	0.00033	197.99	-70.71	0.00035
190.92	-77.78	0.00037	183.85	-84.85	0.00039
176.78	-91.92	0.00042	169.71	-98.99	0.00044
162.63	-106.07	0.00047	155.56	-113.14	0.00049
152.03	-116.67	0.00049	148.49	-120.21	0.00050
146.37	-122.33	0.00050	144.96	-123.74	0.00050
143.54	-125.16	0.00050	142.13	-126.57	0.00050
140.71	-127.99	0.00051	127.99	-140.71	0.00051
126.57	-142.13	0.00051	125.16	-143.54	0.00051
123.74	-144.96	0.00050	122.33	-146.37	0.00050
120.21	-148.49	0.00050	116.67	-152.03	0.00049
113.14	-155.56	0.00047	106.07	-162.63	0.00044
98.99	-169.71	0.00041	91.92	-176.78	0.00037
84.85	-183.85	0.00035	77.78	-190.92	0.00032
70.71	-197.99	0.00029	63.64	-205.06	0.00027
212.13	-70.71	0.00031	205.06	-77.78	0.00033
197.99	-84.85	0.00034	190.92	-91.92	0.00037
183.85	-98.99	0.00039	176.78	-106.07	0.00041
169.71	-113.14	0.00043	162.63	-120.21	0.00044
159.10	-123.74	0.00045	155.56	-127.28	0.00045

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

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

20:09:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00046	152.03	-130.81	0.00046
150.61	-132.23	0.00046	149.20	-133.64	0.00046
147.79	-135.06	0.00046	135.06	-147.79	0.00046
133.64	-149.20	0.00046	132.23	-150.61	0.00046
130.81	-152.03	0.00046	129.40	-153.44	0.00046
127.28	-155.56	0.00045	123.74	-159.10	0.00044
120.21	-162.63	0.00043	113.14	-169.71	0.00041
106.07	-176.78	0.00038	98.99	-183.85	0.00035
91.92	-190.92	0.00032	84.85	-197.99	0.00030

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30

\*\*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	0.00026	226.27	-98.99	0.00027
219.20	-106.07	0.00028	212.13	-113.14	0.00030
205.06	-120.21	0.00031	197.99	-127.28	0.00033

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

15NCRA\_SR05-300\_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	0.00030	159.10	-194.45	0.00030
155.56	-197.99	0.00030	148.49	-205.06	0.00028
141.42	-212.13	0.00027	134.35	-219.20	0.00025
127.28	-226.27	0.00024	120.21	-233.35	0.00023
113.14	-240.42	0.00021	106.07	-247.49	0.00020

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

20:09:30  
 \*\*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	0.00081	-113.14	240.42	0.00085
-120.21	233.35	0.00089	-127.28	226.27	0.00091
-134.35	219.20	0.00091	-141.42	212.13	0.00089
-148.49	205.06	0.00086	-155.56	197.99	0.00082
-159.10	194.45	0.00079	-162.63	190.92	0.00076
-164.76	188.80	0.00074	-166.17	187.38	0.00073
-167.58	185.97	0.00071	-169.00	184.55	0.00069
-170.41	183.14	0.00068	-183.14	170.41	0.00049
-184.55	169.00	0.00047	-185.97	167.58	0.00045
-187.38	166.17	0.00043	-188.80	164.76	0.00041
-190.92	162.63	0.00039	-194.45	159.10	0.00034
-197.99	155.56	0.00031	-205.06	148.49	0.00025
-212.13	141.42	0.00021	-219.20	134.35	0.00018
-226.27	127.28	0.00015	-233.35	120.21	0.00014
-240.42	113.14	0.00012	-247.49	106.07	0.00011
-98.99	240.42	0.00087	-106.07	233.35	0.00093
-113.14	226.27	0.00098	-120.21	219.20	0.00101
-127.28	212.13	0.00103	-134.35	205.06	0.00102
-141.42	197.99	0.00098	-148.49	190.92	0.00094
-152.03	187.38	0.00091	-155.56	183.85	0.00087
-157.68	181.73	0.00085	-159.10	180.31	0.00083
-160.51	178.90	0.00081	-161.93	177.48	0.00079
-163.34	176.07	0.00077	-176.07	163.34	0.00055
-177.48	161.93	0.00052	-178.90	160.51	0.00050
-180.31	159.10	0.00048	-181.73	157.68	0.00045
-183.85	155.56	0.00042	-187.38	152.03	0.00037



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00108	-84.85	212.13	0.00119
-91.92	205.06	0.00131	-98.99	197.99	0.00142
-106.07	190.92	0.00151	-113.14	183.85	0.00156
-120.21	176.78	0.00156	-127.28	169.71	0.00150
-130.81	166.17	0.00145	-134.35	162.63	0.00140
-136.47	160.51	0.00136	-137.89	159.10	0.00132
-139.30	157.68	0.00129	-140.71	156.27	0.00126
-142.13	154.86	0.00122	-154.86	142.13	0.00078
-156.27	140.71	0.00074	-157.68	139.30	0.00069
-159.10	137.89	0.00065	-160.51	136.47	0.00061
-162.63	134.35	0.00055	-166.17	130.81	0.00048
-169.71	127.28	0.00042	-176.78	120.21	0.00033
-183.85	113.14	0.00027	-190.92	106.07	0.00023
-197.99	99.00	0.00020	-205.06	91.92	0.00018
-212.13	84.85	0.00017	-219.20	77.78	0.00015
-70.71	212.13	0.00114	-77.78	205.06	0.00128
-84.85	197.99	0.00143	-91.92	190.92	0.00158
-98.99	183.85	0.00171	-106.07	176.78	0.00181
-113.14	169.71	0.00185	-120.21	162.63	0.00180
-123.74	159.10	0.00175	-127.28	155.56	0.00168

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

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

20:09:30

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00163	-130.81	152.03	0.00159
-132.23	150.61	0.00155	-133.64	149.20	0.00150
-135.06	147.79	0.00146	-147.79	135.06	0.00089
-149.20	133.64	0.00083	-150.61	132.23	0.00077
-152.03	130.81	0.00072	-153.44	129.40	0.00067
-155.56	127.28	0.00061	-159.10	123.74	0.00052
-162.63	120.21	0.00045	-169.71	113.14	0.00035
-176.78	106.07	0.00029	-183.85	98.99	0.00025
-190.92	91.92	0.00022	-197.99	84.85	0.00020
-205.06	77.78	0.00018	-212.13	70.71	0.00016
-63.64	205.06	0.00119	-70.71	197.99	0.00136
-77.78	190.92	0.00154	-84.85	183.85	0.00174
-91.92	176.78	0.00193	-98.99	169.71	0.00210
-106.07	162.63	0.00220	-113.14	155.56	0.00219



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00214	-120.21	148.49	0.00205
-122.33	146.37	0.00199	-123.74	144.96	0.00194
-125.16	143.54	0.00189	-126.57	142.13	0.00183
-127.99	140.71	0.00177	-140.71	127.99	0.00102
-142.13	126.57	0.00094	-143.54	125.16	0.00087
-144.96	123.74	0.00080	-146.37	122.33	0.00074
-148.49	120.21	0.00067	-152.03	116.67	0.00056
-155.56	113.14	0.00049	-162.63	106.07	0.00038
-169.71	98.99	0.00032	-176.78	91.92	0.00027
-183.85	84.85	0.00024	-190.92	77.78	0.00021
-197.99	70.71	0.00019	-205.06	63.64	0.00017
-56.57	197.99	0.00124	-63.64	190.92	0.00143
-70.71	183.85	0.00164	-77.78	176.78	0.00189
-84.85	169.71	0.00216	-91.92	162.63	0.00241
-98.99	155.56	0.00261	-106.07	148.49	0.00269
-109.60	144.96	0.00265	-113.14	141.42	0.00256
-115.26	139.30	0.00249	-116.67	137.89	0.00242
-118.09	136.47	0.00236	-119.50	135.06	0.00228
-120.92	133.64	0.00220	-133.64	120.92	0.00116
-135.06	119.50	0.00106	-136.47	118.09	0.00097
-137.89	116.67	0.00089	-139.30	115.26	0.00082
-141.42	113.14	0.00073	-144.96	109.60	0.00061
-148.49	106.07	0.00053	-155.56	98.99	0.00042
-162.63	91.92	0.00035	-169.71	84.85	0.00030
-176.78	77.78	0.00026	-183.85	70.71	0.00023
-190.92	63.64	0.00020	-197.99	56.57	0.00018

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

20:09:30  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00127	-56.57	183.85	0.00148
-63.64	176.78	0.00173	-70.71	169.71	0.00202
-77.78	162.63	0.00236	-84.85	155.56	0.00273
-91.92	148.49	0.00307	-98.99	141.42	0.00330
-102.53	137.89	0.00333	-106.07	134.35	0.00326
-108.19	132.23	0.00318	-109.60	130.81	0.00310
-111.02	129.40	0.00301	-112.43	127.99	0.00291
-113.84	126.57	0.00280	-126.57	113.84	0.00132

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00119	-129.40	111.02	0.00108
-130.81	109.60	0.00098	-132.23	108.19	0.00090
-134.35	106.07	0.00079	-137.89	102.53	0.00066
-141.42	98.99	0.00057	-148.49	91.92	0.00046
-155.56	84.85	0.00038	-162.63	77.78	0.00033
-169.71	70.71	0.00028	-176.78	63.64	0.00025
-183.85	56.57	0.00022	-190.92	49.50	0.00019
-42.43	183.85	0.00130	-49.50	176.78	0.00153
-56.57	169.71	0.00180	-63.64	162.63	0.00213
-70.71	155.56	0.00254	-77.78	148.49	0.00301
-84.85	141.42	0.00353	-91.92	134.35	0.00400
-95.46	130.81	0.00415	-98.99	127.28	0.00420
-101.12	125.16	0.00414	-102.53	123.74	0.00407
-103.94	122.33	0.00397	-105.36	120.92	0.00383
-106.77	119.50	0.00367	-119.50	106.77	0.00149
-120.92	105.36	0.00132	-122.33	103.94	0.00118
-123.74	102.53	0.00107	-125.16	101.12	0.00097
-127.28	98.99	0.00086	-130.81	95.46	0.00072
-134.35	91.92	0.00063	-141.42	84.85	0.00050
-148.49	77.78	0.00042	-155.56	70.71	0.00036
-162.63	63.64	0.00031	-169.71	56.57	0.00027
-176.78	49.50	0.00023	-183.85	42.43	0.00021
-35.36	176.78	0.00132	-42.43	169.71	0.00156
-49.50	162.63	0.00186	-56.57	155.56	0.00223
-63.64	148.49	0.00269	-70.71	141.42	0.00326
-77.78	134.35	0.00393	-84.85	127.28	0.00467
-88.39	123.74	0.00503	-91.92	120.21	0.00531
-94.05	118.09	0.00540	-95.46	116.67	0.00540
-96.87	115.26	0.00534	-98.29	113.84	0.00522
-99.70	112.43	0.00503	-112.43	99.70	0.00164
-113.84	98.29	0.00144	-115.26	96.87	0.00128
-116.67	95.46	0.00116	-118.09	94.05	0.00106

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

20:09:30  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00094	-123.74	88.39	0.00080
-127.28	84.85	0.00069	-134.35	77.78	0.00055

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00046	-148.49	63.64	0.00039
-155.56	56.57	0.00033	-162.63	49.50	0.00029
-169.71	42.43	0.00025	-176.78	35.36	0.00022
-28.28	169.71	0.00133	-35.36	162.63	0.00158
-42.43	155.56	0.00190	-49.50	148.49	0.00230
-56.57	141.42	0.00281	-63.64	134.35	0.00346
-70.71	127.28	0.00427	-77.78	120.21	0.00525
-81.32	116.67	0.00579	-84.85	113.14	0.00633
-86.97	111.02	0.00662	-88.39	109.60	0.00679
-89.80	108.19	0.00695	-91.22	106.77	0.00706
-92.63	105.36	0.00707	-105.36	92.63	0.00179
-106.77	91.22	0.00156	-108.19	89.80	0.00139
-109.60	88.39	0.00126	-111.02	86.97	0.00115
-113.14	84.85	0.00102	-116.67	81.32	0.00087
-120.21	77.78	0.00076	-127.28	70.71	0.00061
-134.35	63.64	0.00050	-141.42	56.57	0.00042
-148.49	49.50	0.00036	-155.56	42.43	0.00031
-162.63	35.36	0.00027	-169.71	28.28	0.00023
-21.21	162.63	0.00133	-28.28	155.56	0.00159
-35.36	148.49	0.00192	-42.43	141.42	0.00234
-49.50	134.35	0.00289	-56.57	127.28	0.00360
-63.64	120.21	0.00453	-70.71	113.14	0.00569
-74.25	109.60	0.00637	-77.78	106.07	0.00709
-79.90	103.94	0.00753	-81.32	102.53	0.00781
-82.73	101.12	0.00808	-84.15	99.70	0.00841
-85.56	98.29	0.00873	-98.29	85.56	0.00202
-99.70	84.15	0.00175	-101.12	82.73	0.00154
-102.53	81.32	0.00139	-103.94	79.90	0.00127
-106.07	77.78	0.00113	-109.60	74.25	0.00096
-113.14	70.71	0.00084	-120.21	63.64	0.00067
-127.28	56.57	0.00055	-134.35	49.50	0.00046
-141.42	42.43	0.00039	-148.49	35.36	0.00033
-155.56	28.28	0.00029	-162.63	21.21	0.00025
-14.14	155.56	0.00132	-21.21	148.49	0.00157
-28.28	141.42	0.00190	-35.36	134.35	0.00234
-42.43	127.28	0.00291	-49.50	120.21	0.00367
-56.57	113.14	0.00467	-63.64	106.07	0.00596
-67.18	102.53	0.00671	-70.71	98.99	0.00752

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

15NCRA\_SR05-300\_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	0.00800	-74.25	95.46	0.00831
-75.66	94.05	0.00862	-77.07	92.63	0.00895
-78.49	91.22	0.00934	-91.22	78.49	0.00242
-92.63	77.07	0.00205	-94.05	75.66	0.00179
-95.46	74.25	0.00160	-96.87	72.83	0.00145
-98.99	70.71	0.00128	-102.53	67.18	0.00108
-106.07	63.64	0.00095	-113.14	56.57	0.00075
-120.21	49.50	0.00062	-127.28	42.43	0.00051
-134.35	35.36	0.00043	-141.42	28.28	0.00036
-148.49	21.21	0.00031	-155.56	14.14	0.00026
-7.07	148.49	0.00130	-14.14	141.42	0.00155
-21.21	134.35	0.00187	-28.28	127.28	0.00230
-35.36	120.21	0.00288	-42.43	113.14	0.00365
-49.50	106.07	0.00468	-56.57	98.99	0.00602
-60.10	95.46	0.00679	-63.64	91.92	0.00764
-65.76	89.80	0.00817	-67.18	88.39	0.00853
-68.59	86.97	0.00888	-70.00	85.56	0.00925
-71.42	84.15	0.00969	-84.15	71.42	0.00284
-85.56	70.00	0.00242	-86.97	68.59	0.00211
-88.39	67.18	0.00187	-89.80	65.76	0.00169
-91.92	63.64	0.00148	-95.46	60.10	0.00123
-98.99	56.57	0.00106	-106.07	49.50	0.00084
-113.14	42.43	0.00068	-120.21	35.36	0.00056
-127.28	28.28	0.00046	-134.35	21.21	0.00039
-141.42	14.14	0.00033	-148.49	7.07	0.00028
0.00	141.42	0.00128	-7.07	134.35	0.00152
-14.14	127.28	0.00183	-21.21	120.21	0.00224
-28.28	113.14	0.00279	-35.36	106.07	0.00353
-42.43	98.99	0.00453	-49.50	91.92	0.00588
-53.03	88.39	0.00670	-56.57	84.85	0.00760
-58.69	82.73	0.00818	-60.10	81.32	0.00857
-61.52	79.90	0.00896	-62.93	78.49	0.00937
-64.35	77.07	0.00984	-77.07	64.35	0.00318
-78.49	62.93	0.00273	-79.90	61.52	0.00240
-81.32	60.10	0.00214	-82.73	58.69	0.00194
-84.85	56.57	0.00170	-88.39	53.03	0.00141
-91.92	49.50	0.00121	-98.99	42.43	0.00093
-106.07	35.36	0.00074	-113.14	28.28	0.00061
-120.21	21.21	0.00050	-127.28	14.14	0.00042
-134.35	7.07	0.00035	-141.42	0.00	0.00030

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

20:09:30

\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00125	0.00	127.28	0.00148
-7.07	120.21	0.00177	-14.14	113.14	0.00214
-21.21	106.07	0.00264	-28.28	98.99	0.00332
-35.36	91.92	0.00426	-42.43	84.85	0.00558
-45.96	81.32	0.00642	-49.50	77.78	0.00737
-51.62	75.66	0.00798	-53.03	74.25	0.00840
-54.45	72.83	0.00883	-55.86	71.42	0.00927
-57.28	70.00	0.00977	-70.00	57.28	0.00341
-71.42	55.86	0.00296	-72.83	54.45	0.00263
-74.25	53.03	0.00237	-75.66	51.62	0.00216
-77.78	49.50	0.00190	-81.32	45.96	0.00159
-84.85	42.43	0.00135	-91.92	35.36	0.00102
-98.99	28.28	0.00080	-106.07	21.21	0.00065
-113.14	14.14	0.00053	-120.21	7.07	0.00045
-127.28	0.00	0.00038	-134.35	-7.07	0.00032
14.14	127.28	0.00121	7.07	120.21	0.00142
0.00	113.14	0.00169	-7.07	106.07	0.00202
-14.14	98.99	0.00246	-21.21	91.92	0.00305
-28.28	84.85	0.00389	-35.36	77.78	0.00512
-38.89	74.25	0.00592	-42.43	70.71	0.00688
-44.55	68.59	0.00752	-45.96	67.18	0.00796
-47.38	65.76	0.00843	-48.79	64.35	0.00891
-50.20	62.93	0.00944	-62.93	50.20	0.00355
-64.35	48.79	0.00312	-65.76	47.38	0.00280
-67.18	45.96	0.00254	-68.59	44.55	0.00233
-70.71	42.43	0.00207	-74.25	38.89	0.00173
-77.78	35.36	0.00148	-84.85	28.28	0.00111
-91.92	21.21	0.00086	-98.99	14.14	0.00068
-106.07	7.07	0.00056	-113.14	0.00	0.00047
-120.21	-7.07	0.00040	-127.28	-14.14	0.00034
21.21	120.21	0.00116	14.14	113.14	0.00135
7.07	106.07	0.00159	0.00	98.99	0.00189
-7.07	91.92	0.00227	-14.14	84.85	0.00278
-21.21	77.78	0.00348	-28.28	70.71	0.00451

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00521	-35.36	63.64	0.00609
-37.48	61.52	0.00671	-38.89	60.10	0.00717
-40.31	58.69	0.00766	-41.72	57.28	0.00818
-43.13	55.86	0.00876	-55.86	43.13	0.00362
-57.28	41.72	0.00322	-58.69	40.31	0.00291
-60.10	38.89	0.00266	-61.52	37.48	0.00245

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

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

20:09:30

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00219	-67.18	31.82	0.00184
-70.71	28.28	0.00157	-77.78	21.21	0.00118
-84.85	14.14	0.00092	-91.92	7.07	0.00073
-98.99	0.00	0.00059	-106.07	-7.07	0.00049
-113.14	-14.14	0.00041	-120.21	-21.21	0.00035
28.28	113.14	0.00109	21.21	106.07	0.00127
14.14	98.99	0.00147	7.07	91.92	0.00173
0.00	84.85	0.00207	-7.07	77.78	0.00250
-14.14	70.71	0.00308	-21.21	63.64	0.00386
-24.75	60.10	0.00439	-28.28	56.57	0.00505
-30.41	54.45	0.00555	-31.82	53.03	0.00594
-33.23	51.62	0.00639	-34.65	50.20	0.00691
-36.06	48.79	0.00752	-48.79	36.06	0.00364
-50.20	34.65	0.00327	-51.62	33.23	0.00297
-53.03	31.82	0.00273	-54.45	30.41	0.00252
-56.57	28.28	0.00226	-60.10	24.75	0.00191
-63.64	21.21	0.00164	-70.71	14.14	0.00124
-77.78	7.07	0.00096	-84.85	0.00	0.00076
-91.92	-7.07	0.00061	-98.99	-14.14	0.00050
-106.07	-21.21	0.00042	-113.14	-28.28	0.00036
35.36	106.07	0.00102	28.28	98.99	0.00117
21.21	91.92	0.00135	14.14	84.85	0.00158
7.07	77.78	0.00186	0.00	70.71	0.00222
-7.07	63.64	0.00267	-14.14	56.57	0.00325
-17.68	53.03	0.00362	-21.21	49.50	0.00404
-23.33	47.38	0.00435	-24.75	45.96	0.00458
-26.16	44.55	0.00484	-27.58	43.13	0.00515
-28.99	41.72	0.00557	-41.72	28.99	0.00361

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00326	-44.55	26.16	0.00298
-45.96	24.75	0.00275	-47.38	23.33	0.00255
-49.50	21.21	0.00229	-53.03	17.68	0.00195
-56.57	14.14	0.00168	-63.64	7.07	0.00128
-70.71	0.00	0.00100	-77.78	-7.07	0.00079
-84.85	-14.14	0.00064	-91.92	-21.21	0.00052
-98.99	-28.28	0.00043	-106.07	-35.36	0.00037
42.43	98.99	0.00095	35.36	91.92	0.00108
28.28	84.85	0.00123	21.21	77.78	0.00143
14.14	70.71	0.00166	7.07	63.64	0.00195
0.00	56.57	0.00230	-7.07	49.50	0.00271
-10.61	45.96	0.00295	-14.14	42.43	0.00322

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00339	-17.68	38.89	0.00351
-19.09	37.48	0.00364	-20.51	36.06	0.00379
-21.92	34.65	0.00395	-34.65	21.92	0.00345
-36.06	20.51	0.00316	-37.48	19.09	0.00291
-38.89	17.68	0.00270	-40.31	16.26	0.00251
-42.43	14.14	0.00227	-45.96	10.61	0.00195
-49.50	7.07	0.00168	-56.57	0.00	0.00129
-63.64	-7.07	0.00101	-70.71	-14.14	0.00080
-77.78	-21.21	0.00065	-84.85	-28.28	0.00053
-91.92	-35.36	0.00044	-98.99	-42.43	0.00037
49.50	91.92	0.00088	42.43	84.85	0.00099
35.36	77.78	0.00112	28.28	70.71	0.00128
21.21	63.64	0.00148	14.14	56.57	0.00170
7.07	49.50	0.00196	0.00	42.43	0.00227
-3.54	38.89	0.00245	-7.07	35.36	0.00265
-9.19	33.23	0.00280	-10.61	31.82	0.00290
-12.02	30.41	0.00301	-13.44	28.99	0.00312
-14.85	27.58	0.00323	-27.58	14.85	0.00304
-28.99	13.44	0.00287	-30.41	12.02	0.00270
-31.82	10.61	0.00254	-33.23	9.19	0.00239
-35.36	7.07	0.00218	-38.89	3.54	0.00188
-42.43	0.00	0.00164	-49.50	-7.07	0.00127

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00100	-63.64	-21.21	0.00080
-70.71	-28.28	0.00065	-77.78	-35.36	0.00054
-84.85	-42.43	0.00045	-91.92	-49.50	0.00038
56.57	84.85	0.00080	49.50	77.78	0.00090
42.43	70.71	0.00101	35.36	63.64	0.00115
28.28	56.57	0.00130	21.21	49.50	0.00148
14.14	42.43	0.00169	7.07	35.36	0.00195
3.54	31.82	0.00211	0.00	28.28	0.00229
-2.12	26.16	0.00240	-3.54	24.75	0.00248
-4.95	23.33	0.00255	-6.36	21.92	0.00262
-7.78	20.51	0.00269	-20.51	7.78	0.00260
-21.92	6.36	0.00249	-23.33	4.95	0.00238
-24.75	3.54	0.00227	-26.16	2.12	0.00216
-28.28	0.00	0.00201	-31.82	-3.54	0.00177
-35.36	-7.07	0.00157	-42.43	-14.14	0.00123
-49.50	-21.21	0.00097	-56.57	-28.28	0.00079
-63.64	-35.36	0.00064	-70.71	-42.43	0.00053
-77.78	-49.50	0.00045	-84.85	-56.57	0.00038

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

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

20:09:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00073	56.57	70.71	0.00081
49.50	63.64	0.00091	42.43	56.57	0.00102
35.36	49.50	0.00115	28.28	42.43	0.00130
21.21	35.36	0.00148	14.14	28.28	0.00172
10.61	24.75	0.00185	7.07	21.21	0.00198
4.95	19.09	0.00206	3.54	17.68	0.00211
2.12	16.26	0.00216	0.71	14.85	0.00221
-0.71	13.44	0.00225	-13.44	0.71	0.00220
-14.85	-0.71	0.00213	-16.26	-2.12	0.00206
-17.68	-3.54	0.00198	-19.09	-4.95	0.00191
-21.21	-7.07	0.00179	-24.75	-10.61	0.00161
-28.28	-14.14	0.00145	-35.36	-21.21	0.00117
-42.43	-28.28	0.00094	-49.50	-35.36	0.00077
-56.57	-42.43	0.00063	-63.64	-49.50	0.00052
-70.71	-56.57	0.00044	-77.78	-63.64	0.00037
70.71	70.71	0.00067	63.64	63.64	0.00074



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00082	49.50	49.50	0.00091
42.43	42.43	0.00102	35.36	35.36	0.00116
28.28	28.28	0.00132	21.21	21.21	0.00151
17.68	17.68	0.00160	14.14	14.14	0.00171
12.02	12.02	0.00176	10.61	10.61	0.00180
9.19	9.19	0.00183	7.78	7.78	0.00186
6.36	6.36	0.00188	-6.36	-6.36	0.00186
-7.78	-7.78	0.00182	-9.19	-9.19	0.00177
-10.61	-10.61	0.00172	-12.02	-12.02	0.00166
-14.14	-14.14	0.00158	-17.68	-17.68	0.00144
-21.21	-21.21	0.00132	-28.28	-28.28	0.00109
-35.36	-35.36	0.00090	-42.43	-42.43	0.00074
-49.50	-49.50	0.00061	-56.57	-56.57	0.00051
-63.64	-63.64	0.00043	-70.71	-70.71	0.00037
77.78	63.64	0.00061	70.71	56.57	0.00067
63.64	49.50	0.00074	56.57	42.43	0.00082
49.50	35.36	0.00093	42.43	28.28	0.00105
35.36	21.21	0.00118	28.28	14.14	0.00132
24.75	10.61	0.00140	21.21	7.07	0.00147
19.09	4.95	0.00151	17.68	3.54	0.00154
16.26	2.12	0.00156	14.85	0.71	0.00158
13.44	-0.71	0.00159	0.71	-13.44	0.00158
-0.71	-14.85	0.00155	-2.12	-16.26	0.00152
-3.54	-17.68	0.00148	-4.95	-19.09	0.00144

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00138	-10.61	-24.75	0.00128
-14.14	-28.28	0.00118	-21.21	-35.36	0.00100
-28.28	-42.43	0.00085	-35.36	-49.50	0.00071
-42.43	-56.57	0.00060	-49.50	-63.64	0.00050
-56.57	-70.71	0.00043	-63.64	-77.78	0.00036
84.85	56.57	0.00056	77.78	49.50	0.00061
70.71	42.43	0.00068	63.64	35.36	0.00076
56.57	28.28	0.00084	49.50	21.21	0.00094
42.43	14.14	0.00105	35.36	7.07	0.00116
31.82	3.54	0.00122	28.28	0.00	0.00128

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00131	24.75	-3.54	0.00132
23.33	-4.95	0.00133	21.92	-6.36	0.00135
20.51	-7.78	0.00135	7.78	-20.51	0.00135
6.36	-21.92	0.00133	4.95	-23.33	0.00131
3.54	-24.75	0.00129	2.12	-26.16	0.00126
0.00	-28.28	0.00121	-3.54	-31.82	0.00113
-7.07	-35.36	0.00106	-14.14	-42.43	0.00091
-21.21	-49.50	0.00078	-28.28	-56.57	0.00067
-35.36	-63.64	0.00058	-42.43	-70.71	0.00049
-49.50	-77.78	0.00042	-56.57	-84.85	0.00036
91.92	49.50	0.00052	84.85	42.43	0.00057
77.78	35.36	0.00063	70.71	28.28	0.00070
63.64	21.21	0.00077	56.57	14.14	0.00085
49.50	7.07	0.00093	42.43	0.00	0.00103
38.89	-3.54	0.00107	35.36	-7.07	0.00111
33.23	-9.19	0.00113	31.82	-10.61	0.00114
30.41	-12.02	0.00115	28.99	-13.44	0.00116
27.58	-14.85	0.00117	14.85	-27.58	0.00117
13.44	-28.99	0.00115	12.02	-30.41	0.00114
10.61	-31.82	0.00112	9.19	-33.23	0.00110
7.07	-35.36	0.00107	3.54	-38.89	0.00101
0.00	-42.43	0.00094	-7.07	-49.50	0.00083
-14.14	-56.57	0.00072	-21.21	-63.64	0.00063
-28.28	-70.71	0.00055	-35.36	-77.78	0.00047
-42.43	-84.85	0.00041	-49.50	-91.92	0.00035
98.99	42.43	0.00048	91.92	35.36	0.00053
84.85	28.28	0.00058	77.78	21.21	0.00064
70.71	14.14	0.00070	63.64	7.07	0.00076
56.57	0.00	0.00084	49.50	-7.07	0.00091
45.96	-10.61	0.00095	42.43	-14.14	0.00097

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

20:09:30  
 \*\*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	0.00099	38.89	-17.68	0.00099
37.48	-19.09	0.00100	36.06	-20.51	0.00101
34.65	-21.92	0.00101	21.92	-34.65	0.00101
20.51	-36.06	0.00101	19.09	-37.48	0.00099

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00098	16.26	-40.31	0.00097
14.14	-42.43	0.00094	10.61	-45.96	0.00090
7.07	-49.50	0.00085	0.00	-56.57	0.00075
-7.07	-63.64	0.00066	-14.14	-70.71	0.00059
-21.21	-77.78	0.00052	-28.28	-84.85	0.00045
-35.36	-91.92	0.00040	-42.43	-98.99	0.00035
106.07	35.36	0.00045	98.99	28.28	0.00049
91.92	21.21	0.00054	84.85	14.14	0.00059
77.78	7.07	0.00064	70.71	0.00	0.00069
63.64	-7.07	0.00075	56.57	-14.14	0.00081
53.03	-17.68	0.00084	49.50	-21.21	0.00086
47.38	-23.33	0.00087	45.96	-24.75	0.00087
44.55	-26.16	0.00088	43.13	-27.58	0.00088
41.72	-28.99	0.00089	28.99	-41.72	0.00089
27.58	-43.13	0.00088	26.16	-44.55	0.00088
24.75	-45.96	0.00087	23.33	-47.38	0.00086
21.21	-49.50	0.00084	17.68	-53.03	0.00080
14.14	-56.57	0.00076	7.07	-63.64	0.00068
0.00	-70.71	0.00061	-7.07	-77.78	0.00054
-14.14	-84.85	0.00048	-21.21	-91.92	0.00043
-28.28	-98.99	0.00038	-35.36	-106.07	0.00034
113.14	28.28	0.00042	106.07	21.21	0.00046
98.99	14.14	0.00050	91.92	7.07	0.00054
84.85	0.00	0.00058	77.78	-7.07	0.00063
70.71	-14.14	0.00068	63.64	-21.21	0.00073
60.10	-24.75	0.00075	56.57	-28.28	0.00076
54.45	-30.41	0.00077	53.03	-31.82	0.00077
51.62	-33.23	0.00078	50.20	-34.65	0.00078
48.79	-36.06	0.00078	36.06	-48.79	0.00078
34.65	-50.20	0.00078	33.23	-51.62	0.00077
31.82	-53.03	0.00077	30.41	-54.45	0.00076
28.28	-56.57	0.00075	24.75	-60.10	0.00072
21.21	-63.64	0.00069	14.14	-70.71	0.00062
7.07	-77.78	0.00056	0.00	-84.85	0.00050
-7.07	-91.92	0.00045	-14.14	-98.99	0.00041
-21.21	-106.07	0.00036	-28.28	-113.14	0.00032

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

15NCRA\_SR05-300\_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	0.00040	113.14	14.14	0.00043
106.07	7.07	0.00046	98.99	0.00	0.00050
91.92	-7.07	0.00053	84.85	-14.14	0.00057
77.78	-21.21	0.00062	70.71	-28.28	0.00065
67.18	-31.82	0.00067	63.64	-35.36	0.00068
61.52	-37.48	0.00068	60.10	-38.89	0.00069
58.69	-40.31	0.00069	57.28	-41.72	0.00069
55.86	-43.13	0.00069	43.13	-55.86	0.00070
41.72	-57.28	0.00069	40.31	-58.69	0.00069
38.89	-60.10	0.00069	37.48	-61.52	0.00068
35.36	-63.64	0.00067	31.82	-67.18	0.00065
28.28	-70.71	0.00062	21.21	-77.78	0.00057
14.14	-84.85	0.00051	7.07	-91.92	0.00047
0.00	-98.99	0.00042	-7.07	-106.07	0.00038
-14.14	-113.14	0.00034	-21.21	-120.21	0.00031
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00043	106.07	-7.07	0.00046
98.99	-14.14	0.00049	91.92	-21.21	0.00053
84.85	-28.28	0.00056	77.78	-35.36	0.00059
74.25	-38.89	0.00060	70.71	-42.43	0.00061
68.59	-44.55	0.00061	67.18	-45.96	0.00062
65.76	-47.38	0.00062	64.35	-48.79	0.00062
62.93	-50.20	0.00062	50.20	-62.93	0.00062
48.79	-64.35	0.00062	47.38	-65.76	0.00062
45.96	-67.18	0.00062	44.55	-68.59	0.00061
42.43	-70.71	0.00060	38.89	-74.25	0.00059
35.36	-77.78	0.00057	28.28	-84.85	0.00052
21.21	-91.92	0.00047	14.14	-98.99	0.00043
7.07	-106.07	0.00040	0.00	-113.14	0.00036
-7.07	-120.21	0.00033	-14.14	-127.28	0.00030
134.35	7.07	0.00035	127.28	0.00	0.00037
120.21	-7.07	0.00040	113.14	-14.14	0.00042
106.07	-21.21	0.00045	98.99	-28.28	0.00048
91.92	-35.36	0.00051	84.85	-42.43	0.00053
81.32	-45.96	0.00054	77.78	-49.50	0.00055
75.66	-51.62	0.00055	74.25	-53.03	0.00055
72.83	-54.45	0.00056	71.42	-55.86	0.00056
70.00	-57.28	0.00056	57.28	-70.00	0.00056
55.86	-71.42	0.00056	54.45	-72.83	0.00056
53.03	-74.25	0.00056	51.62	-75.66	0.00055

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00055	45.96	-81.32	0.00053
42.43	-84.85	0.00052	35.36	-91.92	0.00048
28.28	-98.99	0.00044	21.21	-106.07	0.00040
14.14	-113.14	0.00037	7.07	-120.21	0.00034
0.00	-127.28	0.00031	-7.07	-134.35	0.00028
141.42	0.00	0.00033	134.35	-7.07	0.00035
127.28	-14.14	0.00037	120.21	-21.21	0.00039
113.14	-28.28	0.00042	106.07	-35.36	0.00044
98.99	-42.43	0.00047	91.92	-49.50	0.00049
88.39	-53.03	0.00049	84.85	-56.57	0.00050
82.73	-58.69	0.00050	81.32	-60.10	0.00050
79.90	-61.52	0.00050	78.49	-62.93	0.00050
77.07	-64.35	0.00051	64.35	-77.07	0.00051
62.93	-78.49	0.00051	61.52	-79.90	0.00051
60.10	-81.32	0.00050	58.69	-82.73	0.00050
56.57	-84.85	0.00050	53.03	-88.39	0.00049
49.50	-91.92	0.00047	42.43	-98.99	0.00044
35.36	-106.07	0.00041	28.28	-113.14	0.00037
21.21	-120.21	0.00035	14.14	-127.28	0.00032
7.07	-134.35	0.00029	0.00	-141.42	0.00027
148.49	-7.07	0.00031	141.42	-14.14	0.00033
134.35	-21.21	0.00034	127.28	-28.28	0.00037
120.21	-35.36	0.00039	113.14	-42.43	0.00041
106.07	-49.50	0.00043	98.99	-56.57	0.00044
95.46	-60.10	0.00045	91.92	-63.64	0.00045
89.80	-65.76	0.00046	88.39	-67.18	0.00046
86.97	-68.59	0.00046	85.56	-70.00	0.00046
84.15	-71.42	0.00046	71.42	-84.15	0.00046
70.00	-85.56	0.00046	68.59	-86.97	0.00046
67.18	-88.39	0.00046	65.76	-89.80	0.00046
63.64	-91.92	0.00045	60.10	-95.46	0.00044
56.57	-98.99	0.00043	49.50	-106.07	0.00041
42.43	-113.14	0.00038	35.36	-120.21	0.00035
28.28	-127.28	0.00032	21.21	-134.35	0.00030
14.14	-141.42	0.00028	7.07	-148.49	0.00026
155.56	-14.14	0.00029	148.49	-21.21	0.00030

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00032	134.35	-35.36	0.00034
127.28	-42.43	0.00036	120.21	-49.50	0.00038
113.14	-56.57	0.00040	106.07	-63.64	0.00041
102.53	-67.18	0.00041	98.99	-70.71	0.00042

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00035	109.60	-88.39	0.00035
108.19	-89.80	0.00035	106.77	-91.22	0.00035
105.36	-92.63	0.00036	92.63	-105.36	0.00036
91.22	-106.77	0.00036	89.80	-108.19	0.00036
88.39	-109.60	0.00036	86.97	-111.02	0.00035
84.85	-113.14	0.00035	81.32	-116.67	0.00035
77.78	-120.21	0.00034	70.71	-127.28	0.00033
63.64	-134.35	0.00031	56.57	-141.42	0.00029
49.50	-148.49	0.00027	42.43	-155.56	0.00025
35.36	-162.63	0.00024	28.28	-169.71	0.00022

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00031	101.12	-125.16	0.00030
98.99	-127.28	0.00030	95.46	-130.81	0.00030
91.92	-134.35	0.00030	84.85	-141.42	0.00028
77.78	-148.49	0.00027	70.71	-155.56	0.00025
63.64	-162.63	0.00024	56.57	-169.71	0.00023
49.50	-176.78	0.00021	42.43	-183.85	0.00020
190.92	-49.50	0.00022	183.85	-56.57	0.00023
176.78	-63.64	0.00024	169.71	-70.71	0.00025
162.63	-77.78	0.00026	155.56	-84.85	0.00027
148.49	-91.92	0.00027	141.42	-98.99	0.00028
137.89	-102.53	0.00028	134.35	-106.07	0.00028
132.23	-108.19	0.00028	130.81	-109.60	0.00028
129.40	-111.02	0.00028	127.99	-112.43	0.00028
126.57	-113.84	0.00028	113.84	-126.57	0.00028
112.43	-127.99	0.00028	111.02	-129.40	0.00028
109.60	-130.81	0.00028	108.19	-132.23	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00028	102.53	-137.89	0.00028
98.99	-141.42	0.00028	91.92	-148.49	0.00027
84.85	-155.56	0.00025	77.78	-162.63	0.00024
70.71	-169.71	0.00023	63.64	-176.78	0.00021
56.57	-183.85	0.00020	49.50	-190.92	0.00019
197.99	-56.57	0.00021	190.92	-63.64	0.00022
183.85	-70.71	0.00023	176.78	-77.78	0.00023
169.71	-84.85	0.00024	162.63	-91.92	0.00025
155.56	-98.99	0.00026	148.49	-106.07	0.00026
144.96	-109.60	0.00026	141.42	-113.14	0.00026
139.30	-115.26	0.00026	137.89	-116.67	0.00026
136.47	-118.09	0.00026	135.06	-119.50	0.00026
133.64	-120.92	0.00026	120.92	-133.64	0.00027
119.50	-135.06	0.00027	118.09	-136.47	0.00027
116.67	-137.89	0.00026	115.26	-139.30	0.00026
113.14	-141.42	0.00026	109.60	-144.96	0.00026
106.07	-148.49	0.00026	98.99	-155.56	0.00025
91.92	-162.63	0.00024	84.85	-169.71	0.00023



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

20:09:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00017	159.10	-194.45	0.00017
155.56	-197.99	0.00017	148.49	-205.06	0.00017
141.42	-212.13	0.00016	134.35	-219.20	0.00016
127.28	-226.27	0.00015	120.21	-233.35	0.00015
113.14	-240.42	0.00014	106.07	-247.49	0.00013

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

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

20:09:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00130	-113.14	240.42	0.00153
-120.21	233.35	0.00180	-127.28	226.27	0.00213
-134.35	219.20	0.00254	-141.42	212.13	0.00301
-148.49	205.06	0.00353	-155.56	197.99	0.00400
-159.10	194.45	0.00415	-162.63	190.92	0.00420
-164.76	188.80	0.00414	-166.17	187.38	0.00407
-167.58	185.97	0.00397	-169.00	184.55	0.00383
-170.41	183.14	0.00367	-183.14	170.41	0.00149
-184.55	169.00	0.00132	-185.97	167.58	0.00118
-187.38	166.17	0.00107	-188.80	164.76	0.00097
-190.92	162.63	0.00086	-194.45	159.10	0.00072
-197.99	155.56	0.00063	-205.06	148.49	0.00050
-212.13	141.42	0.00042	-219.20	134.35	0.00036
-226.27	127.28	0.00031	-233.35	120.21	0.00027
-240.42	113.14	0.00023	-247.49	106.07	0.00021
-98.99	240.42	0.00132	-106.07	233.35	0.00156
-113.14	226.27	0.00186	-120.21	219.20	0.00223
-127.28	212.13	0.00269	-134.35	205.06	0.00326
-141.42	197.99	0.00393	-148.49	190.92	0.00467
-152.03	187.38	0.00503	-155.56	183.85	0.00531
-157.68	181.73	0.00540	-159.10	180.31	0.00540
-160.51	178.90	0.00534	-161.93	177.48	0.00522
-163.34	176.07	0.00503	-176.07	163.34	0.00164
-177.48	161.93	0.00144	-178.90	160.51	0.00128
-180.31	159.10	0.00116	-181.73	157.68	0.00106
-183.85	155.56	0.00094	-187.38	152.03	0.00080
-190.92	148.49	0.00069	-197.99	141.42	0.00055
-205.06	134.35	0.00046	-212.13	127.28	0.00039
-219.20	120.21	0.00033	-226.27	113.14	0.00029

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00025	-240.42	98.99	0.00022
-91.92	233.35	0.00133	-98.99	226.27	0.00158
-106.07	219.20	0.00190	-113.14	212.13	0.00230
-120.21	205.06	0.00281	-127.28	197.99	0.00346
-134.35	190.92	0.00427	-141.42	183.85	0.00525
-144.96	180.31	0.00579	-148.49	176.78	0.00633
-150.61	174.66	0.00662	-152.03	173.24	0.00679
-153.44	171.83	0.00695	-154.86	170.41	0.00706
-156.27	169.00	0.00707	-169.00	156.27	0.00179
-170.41	154.86	0.00156	-171.83	153.44	0.00139
-173.24	152.03	0.00126	-174.66	150.61	0.00115

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

20:09:30  
 \*\*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	0.00102	-180.31	144.96	0.00087
-183.85	141.42	0.00076	-190.92	134.35	0.00061
-197.99	127.28	0.00050	-205.06	120.21	0.00042
-212.13	113.14	0.00036	-219.20	106.07	0.00031
-226.27	99.00	0.00027	-233.35	91.92	0.00023
-84.85	226.27	0.00133	-91.92	219.20	0.00159
-98.99	212.13	0.00191	-106.07	205.06	0.00234
-113.14	197.99	0.00289	-120.21	190.92	0.00360
-127.28	183.85	0.00453	-134.35	176.78	0.00569
-137.89	173.24	0.00637	-141.42	169.71	0.00709
-143.54	167.58	0.00753	-144.96	166.17	0.00781
-146.37	164.76	0.00808	-147.79	163.34	0.00841
-149.20	161.93	0.00873	-161.93	149.20	0.00202
-163.34	147.79	0.00175	-164.76	146.37	0.00154
-166.17	144.96	0.00139	-167.58	143.54	0.00127
-169.71	141.42	0.00113	-173.24	137.89	0.00096
-176.78	134.35	0.00084	-183.85	127.28	0.00067
-190.92	120.21	0.00055	-197.99	113.14	0.00046
-205.06	106.07	0.00039	-212.13	99.00	0.00033
-219.20	91.92	0.00029	-226.27	84.85	0.00025
-77.78	219.20	0.00132	-84.85	212.13	0.00157
-91.92	205.06	0.00190	-98.99	197.99	0.00234
-106.07	190.92	0.00291	-113.14	183.85	0.00367

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00467	-127.28	169.71	0.00596
-130.81	166.17	0.00671	-134.35	162.63	0.00752
-136.47	160.51	0.00800	-137.89	159.10	0.00831
-139.30	157.68	0.00862	-140.71	156.27	0.00895
-142.13	154.86	0.00934	-154.86	142.13	0.00242
-156.27	140.71	0.00205	-157.68	139.30	0.00179
-159.10	137.89	0.00160	-160.51	136.47	0.00145
-162.63	134.35	0.00128	-166.17	130.81	0.00108
-169.71	127.28	0.00095	-176.78	120.21	0.00075
-183.85	113.14	0.00062	-190.92	106.07	0.00051
-197.99	99.00	0.00043	-205.06	91.92	0.00036
-212.13	84.85	0.00031	-219.20	77.78	0.00026
-70.71	212.13	0.00130	-77.78	205.06	0.00155
-84.85	197.99	0.00187	-91.92	190.92	0.00230
-98.99	183.85	0.00288	-106.07	176.78	0.00365
-113.14	169.71	0.00468	-120.21	162.63	0.00602
-123.74	159.10	0.00679	-127.28	155.56	0.00764

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

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

20:09:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00817	-130.81	152.03	0.00853
-132.23	150.61	0.00888	-133.64	149.20	0.00925
-135.06	147.79	0.00969	-147.79	135.06	0.00284
-149.20	133.64	0.00242	-150.61	132.23	0.00211
-152.03	130.81	0.00187	-153.44	129.40	0.00169
-155.56	127.28	0.00148	-159.10	123.74	0.00123
-162.63	120.21	0.00106	-169.71	113.14	0.00084
-176.78	106.07	0.00068	-183.85	98.99	0.00056
-190.92	91.92	0.00046	-197.99	84.85	0.00039
-205.06	77.78	0.00033	-212.13	70.71	0.00028
-63.64	205.06	0.00128	-70.71	197.99	0.00152
-77.78	190.92	0.00183	-84.85	183.85	0.00224
-91.92	176.78	0.00279	-98.99	169.71	0.00353
-106.07	162.63	0.00453	-113.14	155.56	0.00588
-116.67	152.03	0.00670	-120.21	148.49	0.00760
-122.33	146.37	0.00818	-123.74	144.96	0.00857
-125.16	143.54	0.00896	-126.57	142.13	0.00937

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00984	-140.71	127.99	0.00318
-142.13	126.57	0.00273	-143.54	125.16	0.00240
-144.96	123.74	0.00214	-146.37	122.33	0.00194
-148.49	120.21	0.00170	-152.03	116.67	0.00141
-155.56	113.14	0.00121	-162.63	106.07	0.00093
-169.71	98.99	0.00074	-176.78	91.92	0.00061
-183.85	84.85	0.00050	-190.92	77.78	0.00042
-197.99	70.71	0.00035	-205.06	63.64	0.00030
-56.57	197.99	0.00125	-63.64	190.92	0.00148
-70.71	183.85	0.00177	-77.78	176.78	0.00214
-84.85	169.71	0.00264	-91.92	162.63	0.00332
-98.99	155.56	0.00426	-106.07	148.49	0.00558
-109.60	144.96	0.00642	-113.14	141.42	0.00737
-115.26	139.30	0.00798	-116.67	137.89	0.00840
-118.09	136.47	0.00883	-119.50	135.06	0.00927
-120.92	133.64	0.00977	-133.64	120.92	0.00341
-135.06	119.50	0.00296	-136.47	118.09	0.00263
-137.89	116.67	0.00237	-139.30	115.26	0.00216
-141.42	113.14	0.00190	-144.96	109.60	0.00159
-148.49	106.07	0.00135	-155.56	98.99	0.00102
-162.63	91.92	0.00080	-169.71	84.85	0.00065
-176.78	77.78	0.00053	-183.85	70.71	0.00045
-190.92	63.64	0.00038	-197.99	56.57	0.00032

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

20:09:30  
 \*\*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	0.00121	-56.57	183.85	0.00142
-63.64	176.78	0.00169	-70.71	169.71	0.00202
-77.78	162.63	0.00246	-84.85	155.56	0.00305
-91.92	148.49	0.00389	-98.99	141.42	0.00512
-102.53	137.89	0.00592	-106.07	134.35	0.00688
-108.19	132.23	0.00752	-109.60	130.81	0.00796
-111.02	129.40	0.00843	-112.43	127.99	0.00891
-113.84	126.57	0.00944	-126.57	113.84	0.00355
-127.99	112.43	0.00312	-129.40	111.02	0.00280
-130.81	109.60	0.00254	-132.23	108.19	0.00233
-134.35	106.07	0.00207	-137.89	102.53	0.00173

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00148	-148.49	91.92	0.00111
-155.56	84.85	0.00086	-162.63	77.78	0.00068
-169.71	70.71	0.00056	-176.78	63.64	0.00047
-183.85	56.57	0.00040	-190.92	49.50	0.00034
-42.43	183.85	0.00116	-49.50	176.78	0.00135
-56.57	169.71	0.00159	-63.64	162.63	0.00189
-70.71	155.56	0.00227	-77.78	148.49	0.00278
-84.85	141.42	0.00348	-91.92	134.35	0.00451
-95.46	130.81	0.00521	-98.99	127.28	0.00608
-101.12	125.16	0.00671	-102.53	123.74	0.00717
-103.94	122.33	0.00765	-105.36	120.92	0.00818
-106.77	119.50	0.00876	-119.50	106.77	0.00362
-120.92	105.36	0.00322	-122.33	103.94	0.00291
-123.74	102.53	0.00266	-125.16	101.12	0.00245
-127.28	98.99	0.00219	-130.81	95.46	0.00184
-134.35	91.92	0.00157	-141.42	84.85	0.00118
-148.49	77.78	0.00092	-155.56	70.71	0.00073
-162.63	63.64	0.00059	-169.71	56.57	0.00049
-176.78	49.50	0.00041	-183.85	42.43	0.00035
-35.36	176.78	0.00109	-42.43	169.71	0.00127
-49.50	162.63	0.00147	-56.57	155.56	0.00173
-63.64	148.49	0.00207	-70.71	141.42	0.00250
-77.78	134.35	0.00308	-84.85	127.28	0.00386
-88.39	123.74	0.00439	-91.92	120.21	0.00505
-94.05	118.09	0.00555	-95.46	116.67	0.00594
-96.87	115.26	0.00639	-98.29	113.84	0.00691
-99.70	112.43	0.00752	-112.43	99.70	0.00364
-113.84	98.29	0.00327	-115.26	96.87	0.00297
-116.67	95.46	0.00273	-118.09	94.05	0.00252

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

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

20:09:30  
 \*\*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	0.00226	-123.74	88.39	0.00191
-127.28	84.85	0.00164	-134.35	77.78	0.00124
-141.42	70.71	0.00096	-148.49	63.64	0.00076
-155.56	56.57	0.00061	-162.63	49.50	0.00050
-169.71	42.43	0.00042	-176.78	35.36	0.00036



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00102	-35.36	162.63	0.00117
-42.43	155.56	0.00135	-49.50	148.49	0.00158
-56.57	141.42	0.00186	-63.64	134.35	0.00222
-70.71	127.28	0.00267	-77.78	120.21	0.00325
-81.32	116.67	0.00362	-84.85	113.14	0.00404
-86.97	111.02	0.00435	-88.39	109.60	0.00458
-89.80	108.19	0.00484	-91.22	106.77	0.00515
-92.63	105.36	0.00557	-105.36	92.63	0.00361
-106.77	91.22	0.00326	-108.19	89.80	0.00298
-109.60	88.39	0.00275	-111.02	86.97	0.00255
-113.14	84.85	0.00229	-116.67	81.32	0.00195
-120.21	77.78	0.00168	-127.28	70.71	0.00128
-134.35	63.64	0.00100	-141.42	56.57	0.00079
-148.49	49.50	0.00064	-155.56	42.43	0.00052
-162.63	35.36	0.00043	-169.71	28.28	0.00037
-21.21	162.63	0.00095	-28.28	155.56	0.00108
-35.36	148.49	0.00123	-42.43	141.42	0.00143
-49.50	134.35	0.00166	-56.57	127.28	0.00195
-63.64	120.21	0.00230	-70.71	113.14	0.00271
-74.25	109.60	0.00295	-77.78	106.07	0.00322
-79.90	103.94	0.00339	-81.32	102.53	0.00351
-82.73	101.12	0.00364	-84.15	99.70	0.00379
-85.56	98.29	0.00395	-98.29	85.56	0.00345
-99.70	84.15	0.00316	-101.12	82.73	0.00291
-102.53	81.32	0.00270	-103.94	79.90	0.00251
-106.07	77.78	0.00227	-109.60	74.25	0.00195
-113.14	70.71	0.00168	-120.21	63.64	0.00129
-127.28	56.57	0.00101	-134.35	49.50	0.00080
-141.42	42.43	0.00065	-148.49	35.36	0.00053
-155.56	28.28	0.00044	-162.63	21.21	0.00037
-14.14	155.56	0.00088	-21.21	148.49	0.00099
-28.28	141.42	0.00112	-35.36	134.35	0.00128
-42.43	127.28	0.00148	-49.50	120.21	0.00170
-56.57	113.14	0.00196	-63.64	106.07	0.00227
-67.18	102.53	0.00245	-70.71	98.99	0.00265

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 20:09:30  
 \*\*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      \*\*

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00280	-74.25	95.46	0.00290
-75.66	94.05	0.00301	-77.07	92.63	0.00312
-78.49	91.22	0.00323	-91.22	78.49	0.00304
-92.63	77.07	0.00287	-94.05	75.66	0.00270
-95.46	74.25	0.00254	-96.87	72.83	0.00239
-98.99	70.71	0.00218	-102.53	67.18	0.00188
-106.07	63.64	0.00164	-113.14	56.57	0.00127
-120.21	49.50	0.00100	-127.28	42.43	0.00080
-134.35	35.36	0.00065	-141.42	28.28	0.00054
-148.49	21.21	0.00045	-155.56	14.14	0.00038
-7.07	148.49	0.00080	-14.14	141.42	0.00090
-21.21	134.35	0.00101	-28.28	127.28	0.00115
-35.36	120.21	0.00130	-42.43	113.14	0.00148
-49.50	106.07	0.00169	-56.57	98.99	0.00195
-60.10	95.46	0.00211	-63.64	91.92	0.00229
-65.76	89.80	0.00240	-67.18	88.39	0.00248
-68.59	86.97	0.00255	-70.00	85.56	0.00262
-71.42	84.15	0.00269	-84.15	71.42	0.00260
-85.56	70.00	0.00249	-86.97	68.59	0.00238
-88.39	67.18	0.00227	-89.80	65.76	0.00216
-91.92	63.64	0.00201	-95.46	60.10	0.00177
-98.99	56.57	0.00157	-106.07	49.50	0.00123
-113.14	42.43	0.00097	-120.21	35.36	0.00079
-127.28	28.28	0.00064	-134.35	21.21	0.00053
-141.42	14.14	0.00045	-148.49	7.07	0.00038
0.00	141.42	0.00073	-7.07	134.35	0.00081
-14.14	127.28	0.00091	-21.21	120.21	0.00102
-28.28	113.14	0.00115	-35.36	106.07	0.00130
-42.43	98.99	0.00148	-49.50	91.92	0.00172
-53.03	88.39	0.00185	-56.57	84.85	0.00198
-58.69	82.73	0.00206	-60.10	81.32	0.00211
-61.52	79.90	0.00216	-62.93	78.49	0.00221
-64.35	77.07	0.00225	-77.07	64.35	0.00220
-78.49	62.93	0.00213	-79.90	61.52	0.00206
-81.32	60.10	0.00198	-82.73	58.69	0.00191
-84.85	56.57	0.00179	-88.39	53.03	0.00161
-91.92	49.50	0.00145	-98.99	42.43	0.00117
-106.07	35.36	0.00094	-113.14	28.28	0.00077
-120.21	21.21	0.00063	-127.28	14.14	0.00052
-134.35	7.07	0.00044	-141.42	0.00	0.00037

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

20:09:30

\*\*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	0.00067	0.00	127.28	0.00074
-7.07	120.21	0.00082	-14.14	113.14	0.00091
-21.21	106.07	0.00102	-28.28	98.99	0.00116
-35.36	91.92	0.00132	-42.43	84.85	0.00151
-45.96	81.32	0.00160	-49.50	77.78	0.00171
-51.62	75.66	0.00176	-53.03	74.25	0.00180
-54.45	72.83	0.00183	-55.86	71.42	0.00186
-57.28	70.00	0.00188	-70.00	57.28	0.00186
-71.42	55.86	0.00182	-72.83	54.45	0.00177
-74.25	53.03	0.00172	-75.66	51.62	0.00166
-77.78	49.50	0.00158	-81.32	45.96	0.00144
-84.85	42.43	0.00132	-91.92	35.36	0.00109
-98.99	28.28	0.00090	-106.07	21.21	0.00074
-113.14	14.14	0.00061	-120.21	7.07	0.00051
-127.28	0.00	0.00043	-134.35	-7.07	0.00037
14.14	127.28	0.00061	7.07	120.21	0.00067
0.00	113.14	0.00074	-7.07	106.07	0.00082
-14.14	98.99	0.00093	-21.21	91.92	0.00105
-28.28	84.85	0.00118	-35.36	77.78	0.00132
-38.89	74.25	0.00140	-42.43	70.71	0.00147
-44.55	68.59	0.00151	-45.96	67.18	0.00154
-47.38	65.76	0.00156	-48.79	64.35	0.00158
-50.20	62.93	0.00159	-62.93	50.20	0.00158
-64.35	48.79	0.00155	-65.76	47.38	0.00152
-67.18	45.96	0.00148	-68.59	44.55	0.00144
-70.71	42.43	0.00138	-74.25	38.89	0.00128
-77.78	35.36	0.00118	-84.85	28.28	0.00100
-91.92	21.21	0.00085	-98.99	14.14	0.00071
-106.07	7.07	0.00060	-113.14	0.00	0.00050
-120.21	-7.07	0.00043	-127.28	-14.14	0.00036
21.21	120.21	0.00056	14.14	113.14	0.00061
7.07	106.07	0.00068	0.00	98.99	0.00076
-7.07	91.92	0.00084	-14.14	84.85	0.00094
-21.21	77.78	0.00105	-28.28	70.71	0.00116
-31.82	67.18	0.00122	-35.36	63.64	0.00128
-37.48	61.52	0.00131	-38.89	60.10	0.00132
-40.31	58.69	0.00133	-41.72	57.28	0.00135

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00135	-55.86	43.13	0.00135
-57.28	41.72	0.00133	-58.69	40.31	0.00131
-60.10	38.89	0.00129	-61.52	37.48	0.00126

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

20:09:30  
 \*\*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	0.00121	-67.18	31.82	0.00113
-70.71	28.28	0.00106	-77.78	21.21	0.00091
-84.85	14.14	0.00078	-91.92	7.07	0.00067
-98.99	0.00	0.00058	-106.07	-7.07	0.00049
-113.14	-14.14	0.00042	-120.21	-21.21	0.00036
28.28	113.14	0.00052	21.21	106.07	0.00057
14.14	98.99	0.00063	7.07	91.92	0.00070
0.00	84.85	0.00077	-7.07	77.78	0.00085
-14.14	70.71	0.00093	-21.21	63.64	0.00103
-24.75	60.10	0.00107	-28.28	56.57	0.00111
-30.41	54.45	0.00113	-31.82	53.03	0.00114
-33.23	51.62	0.00115	-34.65	50.20	0.00116
-36.06	48.79	0.00117	-48.79	36.06	0.00117
-50.20	34.65	0.00115	-51.62	33.23	0.00114
-53.03	31.82	0.00112	-54.45	30.41	0.00110
-56.57	28.28	0.00107	-60.10	24.75	0.00101
-63.64	21.21	0.00094	-70.71	14.14	0.00083
-77.78	7.07	0.00072	-84.85	0.00	0.00063
-91.92	-7.07	0.00055	-98.99	-14.14	0.00047
-106.07	-21.21	0.00041	-113.14	-28.28	0.00035
35.36	106.07	0.00048	28.28	98.99	0.00053
21.21	91.92	0.00058	14.14	84.85	0.00064
7.07	77.78	0.00070	0.00	70.71	0.00076
-7.07	63.64	0.00084	-14.14	56.57	0.00091
-17.68	53.03	0.00095	-21.21	49.50	0.00097
-23.33	47.38	0.00099	-24.75	45.96	0.00099
-26.16	44.55	0.00100	-27.58	43.13	0.00101
-28.99	41.72	0.00101	-41.72	28.99	0.00101
-43.13	27.58	0.00101	-44.55	26.16	0.00099
-45.96	24.75	0.00098	-47.38	23.33	0.00097
-49.50	21.21	0.00094	-53.03	17.68	0.00090

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00085	-63.64	7.07	0.00075
-70.71	0.00	0.00066	-77.78	-7.07	0.00059
-84.85	-14.14	0.00052	-91.92	-21.21	0.00045
-98.99	-28.28	0.00040	-106.07	-35.36	0.00035
42.43	98.99	0.00045	35.36	91.92	0.00049
28.28	84.85	0.00054	21.21	77.78	0.00059
14.14	70.71	0.00064	7.07	63.64	0.00069
0.00	56.57	0.00075	-7.07	49.50	0.00081
-10.61	45.96	0.00084	-14.14	42.43	0.00086

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

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

20:09:30

\*\*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	0.00087	-17.68	38.89	0.00087
-19.09	37.48	0.00088	-20.51	36.06	0.00088
-21.92	34.65	0.00089	-34.65	21.92	0.00089
-36.06	20.51	0.00088	-37.48	19.09	0.00088
-38.89	17.68	0.00087	-40.31	16.26	0.00086
-42.43	14.14	0.00084	-45.96	10.61	0.00080
-49.50	7.07	0.00076	-56.57	0.00	0.00068
-63.64	-7.07	0.00061	-70.71	-14.14	0.00054
-77.78	-21.21	0.00048	-84.85	-28.28	0.00043
-91.92	-35.36	0.00038	-98.99	-42.43	0.00034
49.50	91.92	0.00042	42.43	84.85	0.00046
35.36	77.78	0.00050	28.28	70.71	0.00054
21.21	63.64	0.00058	14.14	56.57	0.00063
7.07	49.50	0.00068	0.00	42.43	0.00073
-3.54	38.89	0.00075	-7.07	35.36	0.00076
-9.19	33.23	0.00077	-10.61	31.82	0.00077
-12.02	30.41	0.00078	-13.44	28.99	0.00078
-14.85	27.58	0.00078	-27.58	14.85	0.00078
-28.99	13.44	0.00078	-30.41	12.02	0.00077
-31.82	10.61	0.00077	-33.23	9.19	0.00076
-35.36	7.07	0.00075	-38.89	3.54	0.00072
-42.43	0.00	0.00069	-49.50	-7.07	0.00062
-56.57	-14.14	0.00056	-63.64	-21.21	0.00050
-70.71	-28.28	0.00045	-77.78	-35.36	0.00041
-84.85	-42.43	0.00036	-91.92	-49.50	0.00032

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00040	49.50	77.78	0.00043
42.43	70.71	0.00046	35.36	63.64	0.00050
28.28	56.57	0.00053	21.21	49.50	0.00057
14.14	42.43	0.00062	7.07	35.36	0.00065
3.54	31.82	0.00067	0.00	28.28	0.00068
-2.12	26.16	0.00068	-3.54	24.75	0.00069
-4.95	23.33	0.00069	-6.36	21.92	0.00069
-7.78	20.51	0.00069	-20.51	7.78	0.00070
-21.92	6.36	0.00069	-23.33	4.95	0.00069
-24.75	3.54	0.00069	-26.16	2.12	0.00068
-28.28	0.00	0.00067	-31.82	-3.54	0.00065
-35.36	-7.07	0.00062	-42.43	-14.14	0.00057
-49.50	-21.21	0.00051	-56.57	-28.28	0.00047
-63.64	-35.36	0.00042	-70.71	-42.43	0.00038
-77.78	-49.50	0.00034	-84.85	-56.57	0.00031

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

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

20:09:30  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00037	56.57	70.71	0.00040
49.50	63.64	0.00043	42.43	56.57	0.00046
35.36	49.50	0.00049	28.28	42.43	0.00053
21.21	35.36	0.00056	14.14	28.28	0.00059
10.61	24.75	0.00060	7.07	21.21	0.00061
4.95	19.09	0.00061	3.54	17.68	0.00062
2.12	16.26	0.00062	0.71	14.85	0.00062
-0.71	13.44	0.00062	-13.44	0.71	0.00062
-14.85	-0.71	0.00062	-16.26	-2.12	0.00062
-17.68	-3.54	0.00062	-19.09	-4.95	0.00061
-21.21	-7.07	0.00060	-24.75	-10.61	0.00059
-28.28	-14.14	0.00057	-35.36	-21.21	0.00052
-42.43	-28.28	0.00047	-49.50	-35.36	0.00043
-56.57	-42.43	0.00040	-63.64	-49.50	0.00036
-70.71	-56.57	0.00033	-77.78	-63.64	0.00030
70.71	70.71	0.00035	63.64	63.64	0.00037
56.57	56.57	0.00040	49.50	49.50	0.00042
42.43	42.43	0.00045	35.36	35.36	0.00048
28.28	28.28	0.00051	21.21	21.21	0.00053

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00054	14.14	14.14	0.00055
12.02	12.02	0.00055	10.61	10.61	0.00055
9.19	9.19	0.00056	7.78	7.78	0.00056
6.36	6.36	0.00056	-6.36	-6.36	0.00056
-7.78	-7.78	0.00056	-9.19	-9.19	0.00056
-10.61	-10.61	0.00056	-12.02	-12.02	0.00055
-14.14	-14.14	0.00055	-17.68	-17.68	0.00053
-21.21	-21.21	0.00052	-28.28	-28.28	0.00048
-35.36	-35.36	0.00044	-42.43	-42.43	0.00040
-49.50	-49.50	0.00037	-56.57	-56.57	0.00034
-63.64	-63.64	0.00031	-70.71	-70.71	0.00028
77.78	63.64	0.00033	70.71	56.57	0.00035
63.64	49.50	0.00037	56.57	42.43	0.00039
49.50	35.36	0.00042	42.43	28.28	0.00044
35.36	21.21	0.00047	28.28	14.14	0.00049
24.75	10.61	0.00049	21.21	7.07	0.00050
19.09	4.95	0.00050	17.68	3.54	0.00050
16.26	2.12	0.00050	14.85	0.71	0.00050
13.44	-0.71	0.00051	0.71	-13.44	0.00051
-0.71	-14.85	0.00051	-2.12	-16.26	0.00051
-3.54	-17.68	0.00050	-4.95	-19.09	0.00050

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

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

20:09:30

\*\*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	0.00050	-10.61	-24.75	0.00049
-14.14	-28.28	0.00047	-21.21	-35.36	0.00044
-28.28	-42.43	0.00041	-35.36	-49.50	0.00037
-42.43	-56.57	0.00035	-49.50	-63.64	0.00032
-56.57	-70.71	0.00029	-63.64	-77.78	0.00027
84.85	56.57	0.00031	77.78	49.50	0.00033
70.71	42.43	0.00034	63.64	35.36	0.00037
56.57	28.28	0.00039	49.50	21.21	0.00041
42.43	14.14	0.00043	35.36	7.07	0.00044
31.82	3.54	0.00045	28.28	0.00	0.00045
26.16	-2.12	0.00046	24.75	-3.54	0.00046
23.33	-4.95	0.00046	21.92	-6.36	0.00046
20.51	-7.78	0.00046	7.78	-20.51	0.00046

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00046	4.95	-23.33	0.00046
3.54	-24.75	0.00046	2.12	-26.16	0.00046
0.00	-28.28	0.00045	-3.54	-31.82	0.00044
-7.07	-35.36	0.00043	-14.14	-42.43	0.00041
-21.21	-49.50	0.00038	-28.28	-56.57	0.00035
-35.36	-63.64	0.00032	-42.43	-70.71	0.00030
-49.50	-77.78	0.00028	-56.57	-84.85	0.00026
91.92	49.50	0.00029	84.85	42.43	0.00030
77.78	35.36	0.00032	70.71	28.28	0.00034
63.64	21.21	0.00036	56.57	14.14	0.00038
49.50	7.07	0.00040	42.43	0.00	0.00041
38.89	-3.54	0.00041	35.36	-7.07	0.00042
33.23	-9.19	0.00042	31.82	-10.61	0.00042
30.41	-12.02	0.00042	28.99	-13.44	0.00042
27.58	-14.85	0.00042	14.85	-27.58	0.00042
13.44	-28.99	0.00042	12.02	-30.41	0.00042
10.61	-31.82	0.00042	9.19	-33.23	0.00042
7.07	-35.36	0.00041	3.54	-38.89	0.00041
0.00	-42.43	0.00040	-7.07	-49.50	0.00038
-14.14	-56.57	0.00035	-21.21	-63.64	0.00033
-28.28	-70.71	0.00030	-35.36	-77.78	0.00028
-42.43	-84.85	0.00026	-49.50	-91.92	0.00024
98.99	42.43	0.00027	91.92	35.36	0.00029
84.85	28.28	0.00030	77.78	21.21	0.00032
70.71	14.14	0.00034	63.64	7.07	0.00035
56.57	0.00	0.00037	49.50	-7.07	0.00037
45.96	-10.61	0.00038	42.43	-14.14	0.00038

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

20:09:30  
 \*\*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	0.00038	38.89	-17.68	0.00038
37.48	-19.09	0.00038	36.06	-20.51	0.00039
34.65	-21.92	0.00039	21.92	-34.65	0.00039
20.51	-36.06	0.00039	19.09	-37.48	0.00039
17.68	-38.89	0.00039	16.26	-40.31	0.00038
14.14	-42.43	0.00038	10.61	-45.96	0.00038
7.07	-49.50	0.00037	0.00	-56.57	0.00035



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00023	113.14	14.14	0.00024

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

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

102.53 -67.18 0.00022 98.99 -70.71 0.00022

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

20:09:30  
 \*\*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	0.00022	95.46	-74.25	0.00022
94.05	-75.66	0.00022	92.63	-77.07	0.00022
91.22	-78.49	0.00022	78.49	-91.22	0.00022
77.07	-92.63	0.00022	75.66	-94.05	0.00022
74.25	-95.46	0.00022	72.83	-96.87	0.00022
70.71	-98.99	0.00022	67.18	-102.53	0.00022
63.64	-106.07	0.00021	56.57	-113.14	0.00021
49.50	-120.21	0.00020	42.43	-127.28	0.00019
35.36	-134.35	0.00018	28.28	-141.42	0.00017
21.21	-148.49	0.00017	14.14	-155.56	0.00016
162.63	-21.21	0.00017	155.56	-28.28	0.00018
148.49	-35.36	0.00018	141.42	-42.43	0.00019
134.35	-49.50	0.00019	127.28	-56.57	0.00020
120.21	-63.64	0.00020	113.14	-70.71	0.00020
109.60	-74.25	0.00020	106.07	-77.78	0.00020
103.94	-79.90	0.00020	102.53	-81.32	0.00020
101.12	-82.73	0.00020	99.70	-84.15	0.00020
98.29	-85.56	0.00021	85.56	-98.29	0.00021
84.15	-99.70	0.00021	82.73	-101.12	0.00021
81.32	-102.53	0.00021	79.90	-103.94	0.00021
77.78	-106.07	0.00020	74.25	-109.60	0.00020
70.71	-113.14	0.00020	63.64	-120.21	0.00020
56.57	-127.28	0.00019	49.50	-134.35	0.00018
42.43	-141.42	0.00018	35.36	-148.49	0.00017
28.28	-155.56	0.00016	21.21	-162.63	0.00015
169.71	-28.28	0.00016	162.63	-35.36	0.00017
155.56	-42.43	0.00017	148.49	-49.50	0.00018
141.42	-56.57	0.00018	134.35	-63.64	0.00019
127.28	-70.71	0.00019	120.21	-77.78	0.00019
116.67	-81.32	0.00019	113.14	-84.85	0.00019
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00019	106.77	-91.22	0.00019
105.36	-92.63	0.00019	92.63	-105.36	0.00019

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00019	89.80	-108.19	0.00019
88.39	-109.60	0.00019	86.97	-111.02	0.00019
84.85	-113.14	0.00019	81.32	-116.67	0.00019
77.78	-120.21	0.00019	70.71	-127.28	0.00019
63.64	-134.35	0.00018	56.57	-141.42	0.00017
49.50	-148.49	0.00017	42.43	-155.56	0.00016
35.36	-162.63	0.00015	28.28	-169.71	0.00014

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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



15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20:09:30  
 \*\*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	0.00284	-113.14	240.42	0.00310	
-120.21	233.35	0.00339	-127.28	226.27	0.00373	
-134.35	219.20	0.00412	-141.42	212.13	0.00455	
-148.49	205.06	0.00502	-155.56	197.99	0.00542	
-159.10	194.45	0.00553	-162.63	190.92	0.00552	
-164.76	188.80	0.00544	-166.17	187.38	0.00534	
-167.58	185.97	0.00522	-169.00	184.55	0.00506	
-170.41	183.14	0.00487	-183.14	170.41	0.00243	
-184.55	169.00	0.00223	-185.97	167.58	0.00206	
-187.38	166.17	0.00192	-188.80	164.76	0.00180	
-190.92	162.63	0.00164	-194.45	159.10	0.00144	
-197.99	155.56	0.00129	-205.06	148.49	0.00107	
-212.13	141.42	0.00091	-219.20	134.35	0.00079	
-226.27	127.28	0.00069	-233.35	120.21	0.00061	
-240.42	113.14	0.00055	-247.49	106.07	0.00049	
-98.99	240.42	0.00298	-106.07	233.35	0.00326	
-113.14	226.27	0.00360	-120.21	219.20	0.00399	
-127.28	212.13	0.00444	-134.35	205.06	0.00497	
-141.42	197.99	0.00559	-148.49	190.92	0.00625	
-152.03	187.38	0.00657	-155.56	183.85	0.00679	
-157.68	181.73	0.00684	-159.10	180.31	0.00682	
-160.51	178.90	0.00673	-161.93	177.48	0.00658	
-163.34	176.07	0.00636	-176.07	163.34	0.00267	
-177.48	161.93	0.00243	-178.90	160.51	0.00224	
-180.31	159.10	0.00208	-181.73	157.68	0.00195	
-183.85	155.56	0.00178	-187.38	152.03	0.00156	
-190.92	148.49	0.00140	-197.99	141.42	0.00115	
-205.06	134.35	0.00097	-212.13	127.28	0.00084	
-219.20	120.21	0.00073	-226.27	113.14	0.00065	
-233.35	106.07	0.00058	-240.42	98.99	0.00052	
-91.92	233.35	0.00311	-98.99	226.27	0.00343	
-106.07	219.20	0.00380	-113.14	212.13	0.00424	

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00476	-127.28	197.99	0.00539
-134.35	190.92	0.00614	-141.42	183.85	0.00702
-144.96	180.31	0.00751	-148.49	176.78	0.00799
-150.61	174.66	0.00824	-152.03	173.24	0.00838
-153.44	171.83	0.00851	-154.86	170.41	0.00859
-156.27	169.00	0.00856	-169.00	156.27	0.00291
-170.41	154.86	0.00264	-171.83	153.44	0.00243
-173.24	152.03	0.00226	-174.66	150.61	0.00211

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00193	-180.31	144.96	0.00169
-183.85	141.42	0.00151	-190.92	134.35	0.00124
-197.99	127.28	0.00104	-205.06	120.21	0.00090
-212.13	113.14	0.00078	-219.20	106.07	0.00069
-226.27	99.00	0.00061	-233.35	91.92	0.00055
-84.85	226.27	0.00324	-91.92	219.20	0.00358
-98.99	212.13	0.00399	-106.07	205.06	0.00447
-113.14	197.99	0.00506	-120.21	190.92	0.00577
-127.28	183.85	0.00665	-134.35	176.78	0.00771
-137.89	173.24	0.00833	-141.42	169.71	0.00898
-143.54	167.58	0.00936	-144.96	166.17	0.00961
-146.37	164.76	0.00985	-147.79	163.34	0.01013
-149.20	161.93	0.01041	-161.93	149.20	0.00325
-163.34	147.79	0.00293	-164.76	146.37	0.00268
-166.17	144.96	0.00248	-167.58	143.54	0.00231
-169.71	141.42	0.00210	-173.24	137.89	0.00184
-176.78	134.35	0.00164	-183.85	127.28	0.00134
-190.92	120.21	0.00113	-197.99	113.14	0.00096
-205.06	106.07	0.00083	-212.13	99.00	0.00073
-219.20	91.92	0.00065	-226.27	84.85	0.00058
-77.78	219.20	0.00336	-84.85	212.13	0.00373
-91.92	205.06	0.00417	-98.99	197.99	0.00469
-106.07	190.92	0.00533	-113.14	183.85	0.00612
-120.21	176.78	0.00709	-127.28	169.71	0.00828
-130.81	166.17	0.00896	-134.35	162.63	0.00968
-136.47	160.51	0.01010	-137.89	159.10	0.01037

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.01063	-140.71	156.27	0.01092
-142.13	154.86	0.01126	-154.86	142.13	0.00379
-156.27	140.71	0.00335	-157.68	139.30	0.00303
-159.10	137.89	0.00278	-160.51	136.47	0.00258
-162.63	134.35	0.00233	-166.17	130.81	0.00203
-169.71	127.28	0.00180	-176.78	120.21	0.00146
-183.85	113.14	0.00122	-190.92	106.07	0.00104
-197.99	99.00	0.00089	-205.06	91.92	0.00078
-212.13	84.85	0.00069	-219.20	77.78	0.00061
-70.71	212.13	0.00348	-77.78	205.06	0.00387
-84.85	197.99	0.00434	-91.92	190.92	0.00490
-98.99	183.85	0.00559	-106.07	176.78	0.00643
-113.14	169.71	0.00746	-120.21	162.63	0.00871
-123.74	159.10	0.00940	-127.28	155.56	0.01015

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.01062	-130.81	152.03	0.01092
-132.23	150.61	0.01122	-133.64	149.20	0.01152
-135.06	147.79	0.01190	-147.79	135.06	0.00435
-149.20	133.64	0.00385	-150.61	132.23	0.00347
-152.03	130.81	0.00317	-153.44	129.40	0.00292
-155.56	127.28	0.00262	-159.10	123.74	0.00225
-162.63	120.21	0.00198	-169.71	113.14	0.00160
-176.78	106.07	0.00133	-183.85	98.99	0.00112
-190.92	91.92	0.00096	-197.99	84.85	0.00083
-205.06	77.78	0.00073	-212.13	70.71	0.00065
-63.64	205.06	0.00359	-70.71	197.99	0.00400
-77.78	190.92	0.00449	-84.85	183.85	0.00509
-91.92	176.78	0.00581	-98.99	169.71	0.00669
-106.07	162.63	0.00775	-113.14	155.56	0.00904
-116.67	152.03	0.00978	-120.21	148.49	0.01057
-122.33	146.37	0.01106	-123.74	144.96	0.01138
-125.16	143.54	0.01171	-126.57	142.13	0.01205
-127.99	140.71	0.01244	-140.71	127.99	0.00486
-142.13	126.57	0.00432	-143.54	125.16	0.00390
-144.96	123.74	0.00356	-146.37	122.33	0.00328

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00294	-152.03	116.67	0.00250
-155.56	113.14	0.00218	-162.63	106.07	0.00173
-169.71	98.99	0.00143	-176.78	91.92	0.00120
-183.85	84.85	0.00103	-190.92	77.78	0.00089
-197.99	70.71	0.00078	-205.06	63.64	0.00068
-56.57	197.99	0.00369	-63.64	190.92	0.00412
-70.71	183.85	0.00464	-77.78	176.78	0.00525
-84.85	169.71	0.00599	-91.92	162.63	0.00689
-98.99	155.56	0.00799	-106.07	148.49	0.00934
-109.60	144.96	0.01011	-113.14	141.42	0.01093
-115.26	139.30	0.01144	-116.67	137.89	0.01178
-118.09	136.47	0.01213	-119.50	135.06	0.01248
-120.92	133.64	0.01287	-133.64	120.92	0.00530
-135.06	119.50	0.00473	-136.47	118.09	0.00428
-137.89	116.67	0.00392	-139.30	115.26	0.00362
-141.42	113.14	0.00324	-144.96	109.60	0.00276
-148.49	106.07	0.00240	-155.56	98.99	0.00188
-162.63	91.92	0.00153	-169.71	84.85	0.00128
-176.78	77.78	0.00109	-183.85	70.71	0.00094
-190.92	63.64	0.00082	-197.99	56.57	0.00072

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

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 \*\*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	0.00379	-56.57	183.85	0.00423
-63.64	176.78	0.00476	-70.71	169.71	0.00538
-77.78	162.63	0.00614	-84.85	155.56	0.00706
-91.92	148.49	0.00820	-98.99	141.42	0.00960
-102.53	137.89	0.01039	-106.07	134.35	0.01124
-108.19	132.23	0.01177	-109.60	130.81	0.01212
-111.02	129.40	0.01248	-112.43	127.99	0.01284
-113.84	126.57	0.01323	-126.57	113.84	0.00566
-127.99	112.43	0.00507	-129.40	111.02	0.00461
-130.81	109.60	0.00423	-132.23	108.19	0.00391
-134.35	106.07	0.00351	-137.89	102.53	0.00300
-141.42	98.99	0.00260	-148.49	91.92	0.00204
-155.56	84.85	0.00165	-162.63	77.78	0.00137
-169.71	70.71	0.00116	-176.78	63.64	0.00100

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00087	-190.92	49.50	0.00076
-42.43	183.85	0.00387	-49.50	176.78	0.00432
-56.57	169.71	0.00486	-63.64	162.63	0.00550
-70.71	155.56	0.00627	-77.78	148.49	0.00721
-84.85	141.42	0.00839	-91.92	134.35	0.00982
-95.46	130.81	0.01063	-98.99	127.28	0.01151
-101.12	125.16	0.01205	-102.53	123.74	0.01241
-103.94	122.33	0.01277	-105.36	120.92	0.01314
-106.77	119.50	0.01353	-119.50	106.77	0.00596
-120.92	105.36	0.00536	-122.33	103.94	0.00489
-123.74	102.53	0.00450	-125.16	101.12	0.00417
-127.28	98.99	0.00375	-130.81	95.46	0.00321
-134.35	91.92	0.00279	-141.42	84.85	0.00219
-148.49	77.78	0.00176	-155.56	70.71	0.00145
-162.63	63.64	0.00122	-169.71	56.57	0.00105
-176.78	49.50	0.00091	-183.85	42.43	0.00080
-35.36	176.78	0.00394	-42.43	169.71	0.00439
-49.50	162.63	0.00494	-56.57	155.56	0.00559
-63.64	148.49	0.00638	-70.71	141.42	0.00736
-77.78	134.35	0.00855	-84.85	127.28	0.01000
-88.39	123.74	0.01084	-91.92	120.21	0.01173
-94.05	118.09	0.01229	-95.46	116.67	0.01266
-96.87	115.26	0.01302	-98.29	113.84	0.01339
-99.70	112.43	0.01378	-112.43	99.70	0.00622
-113.84	98.29	0.00561	-115.26	96.87	0.00512
-116.67	95.46	0.00473	-118.09	94.05	0.00438

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

20:09:30  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00395	-123.74	88.39	0.00340
-127.28	84.85	0.00296	-134.35	77.78	0.00232
-141.42	70.71	0.00187	-148.49	63.64	0.00154
-155.56	56.57	0.00129	-162.63	49.50	0.00110
-169.71	42.43	0.00095	-176.78	35.36	0.00083
-28.28	169.71	0.00399	-35.36	162.63	0.00446
-42.43	155.56	0.00501	-49.50	148.49	0.00568
-56.57	141.42	0.00649	-63.64	134.35	0.00748

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00869	-77.78	120.21	0.01016
-81.32	116.67	0.01101	-84.85	113.14	0.01192
-86.97	111.02	0.01248	-88.39	109.60	0.01285
-89.80	108.19	0.01324	-91.22	106.77	0.01363
-92.63	105.36	0.01403	-105.36	92.63	0.00643
-106.77	91.22	0.00581	-108.19	89.80	0.00532
-109.60	88.39	0.00492	-111.02	86.97	0.00457
-113.14	84.85	0.00413	-116.67	81.32	0.00356
-120.21	77.78	0.00311	-127.28	70.71	0.00244
-134.35	63.64	0.00197	-141.42	56.57	0.00162
-148.49	49.50	0.00136	-155.56	42.43	0.00115
-162.63	35.36	0.00099	-169.71	28.28	0.00087
-21.21	162.63	0.00404	-28.28	155.56	0.00451
-35.36	148.49	0.00508	-42.43	141.42	0.00576
-49.50	134.35	0.00658	-56.57	127.28	0.00759
-63.64	120.21	0.00881	-70.71	113.14	0.01030
-74.25	109.60	0.01116	-77.78	106.07	0.01207
-79.90	103.94	0.01263	-81.32	102.53	0.01300
-82.73	101.12	0.01338	-84.15	99.70	0.01381
-85.56	98.29	0.01425	-98.29	85.56	0.00660
-99.70	84.15	0.00599	-101.12	82.73	0.00549
-102.53	81.32	0.00508	-103.94	79.90	0.00473
-106.07	77.78	0.00429	-109.60	74.25	0.00370
-113.14	70.71	0.00324	-120.21	63.64	0.00256
-127.28	56.57	0.00207	-134.35	49.50	0.00170
-141.42	42.43	0.00142	-148.49	35.36	0.00121
-155.56	28.28	0.00104	-162.63	21.21	0.00090
-14.14	155.56	0.00408	-21.21	148.49	0.00456
-28.28	141.42	0.00514	-35.36	134.35	0.00583
-42.43	127.28	0.00666	-49.50	120.21	0.00768
-56.57	113.14	0.00892	-63.64	106.07	0.01042
-67.18	102.53	0.01128	-70.71	98.99	0.01221

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

20:09:30  
 \*\*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	0.01277	-74.25	95.46	0.01315
-75.66	94.05	0.01352	-77.07	92.63	0.01392

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01437	-91.22	78.49	0.00672
-92.63	77.07	0.00612	-94.05	75.66	0.00563
-95.46	74.25	0.00522	-96.87	72.83	0.00487
-98.99	70.71	0.00442	-102.53	67.18	0.00382
-106.07	63.64	0.00335	-113.14	56.57	0.00265
-120.21	49.50	0.00215	-127.28	42.43	0.00177
-134.35	35.36	0.00148	-141.42	28.28	0.00126
-148.49	21.21	0.00108	-155.56	14.14	0.00094
-7.07	148.49	0.00412	-14.14	141.42	0.00461
-21.21	134.35	0.00519	-28.28	127.28	0.00589
-35.36	120.21	0.00673	-42.43	113.14	0.00776
-49.50	106.07	0.00901	-56.57	98.99	0.01053
-60.10	95.46	0.01138	-63.64	91.92	0.01231
-65.76	89.80	0.01289	-67.18	88.39	0.01327
-68.59	86.97	0.01364	-70.00	85.56	0.01402
-71.42	84.15	0.01447	-84.15	71.42	0.00684
-85.56	70.00	0.00624	-86.97	68.59	0.00575
-88.39	67.18	0.00534	-89.80	65.76	0.00498
-91.92	63.64	0.00453	-95.46	60.10	0.00393
-98.99	56.57	0.00345	-106.07	49.50	0.00274
-113.14	42.43	0.00223	-120.21	35.36	0.00184
-127.28	28.28	0.00154	-134.35	21.21	0.00131
-141.42	14.14	0.00112	-148.49	7.07	0.00097
0.00	141.42	0.00415	-7.07	134.35	0.00464
-14.14	127.28	0.00523	-21.21	120.21	0.00594
-28.28	113.14	0.00679	-35.36	106.07	0.00783
-42.43	98.99	0.00909	-49.50	91.92	0.01062
-53.03	88.39	0.01149	-56.57	84.85	0.01241
-58.69	82.73	0.01298	-60.10	81.32	0.01336
-61.52	79.90	0.01374	-62.93	78.49	0.01412
-64.35	77.07	0.01456	-77.07	64.35	0.00695
-78.49	62.93	0.00634	-79.90	61.52	0.00585
-81.32	60.10	0.00544	-82.73	58.69	0.00508
-84.85	56.57	0.00463	-88.39	53.03	0.00402
-91.92	49.50	0.00354	-98.99	42.43	0.00282
-106.07	35.36	0.00229	-113.14	28.28	0.00190
-120.21	21.21	0.00159	-127.28	14.14	0.00135
-134.35	7.07	0.00116	-141.42	0.00	0.00101

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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\*\*\* DISCRETE 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	0.00418	0.00	127.28	0.00468
-7.07	120.21	0.00527	-14.14	113.14	0.00599
-21.21	106.07	0.00684	-28.28	98.99	0.00788
-35.36	91.92	0.00915	-42.43	84.85	0.01069
-45.96	81.32	0.01156	-49.50	77.78	0.01249
-51.62	75.66	0.01306	-53.03	74.25	0.01344
-54.45	72.83	0.01382	-55.86	71.42	0.01420
-57.28	70.00	0.01462	-70.00	57.28	0.00704
-71.42	55.86	0.00643	-72.83	54.45	0.00594
-74.25	53.03	0.00552	-75.66	51.62	0.00517
-77.78	49.50	0.00471	-81.32	45.96	0.00410
-84.85	42.43	0.00362	-91.92	35.36	0.00289
-98.99	28.28	0.00236	-106.07	21.21	0.00195
-113.14	14.14	0.00164	-120.21	7.07	0.00140
-127.28	0.00	0.00120	-134.35	-7.07	0.00104
14.14	127.28	0.00420	7.07	120.21	0.00471
0.00	113.14	0.00531	-7.07	106.07	0.00602
-14.14	98.99	0.00689	-21.21	91.92	0.00793
-28.28	84.85	0.00921	-35.36	77.78	0.01076
-38.89	74.25	0.01163	-42.43	70.71	0.01256
-44.55	68.59	0.01313	-45.96	67.18	0.01351
-47.38	65.76	0.01389	-48.79	64.35	0.01427
-50.20	62.93	0.01467	-62.93	50.20	0.00712
-64.35	48.79	0.00650	-65.76	47.38	0.00601
-67.18	45.96	0.00560	-68.59	44.55	0.00524
-70.71	42.43	0.00478	-74.25	38.89	0.00417
-77.78	35.36	0.00368	-84.85	28.28	0.00295
-91.92	21.21	0.00241	-98.99	14.14	0.00200
-106.07	7.07	0.00169	-113.14	0.00	0.00144
-120.21	-7.07	0.00123	-127.28	-14.14	0.00107
21.21	120.21	0.00422	14.14	113.14	0.00473
7.07	106.07	0.00533	0.00	98.99	0.00605
-7.07	91.92	0.00692	-14.14	84.85	0.00797
-21.21	77.78	0.00926	-28.28	70.71	0.01081
-31.82	67.18	0.01169	-35.36	63.64	0.01262
-37.48	61.52	0.01319	-38.89	60.10	0.01357
-40.31	58.69	0.01395	-41.72	57.28	0.01433
-43.13	55.86	0.01474	-55.86	43.13	0.00718
-57.28	41.72	0.00657	-58.69	40.31	0.00608
-60.10	38.89	0.00566	-61.52	37.48	0.00530

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00484	-67.18	31.82	0.00423
-70.71	28.28	0.00374	-77.78	21.21	0.00300
-84.85	14.14	0.00246	-91.92	7.07	0.00205
-98.99	0.00	0.00173	-106.07	-7.07	0.00147
-113.14	-14.14	0.00127	-120.21	-21.21	0.00110
28.28	113.14	0.00423	21.21	106.07	0.00474
14.14	98.99	0.00535	7.07	91.92	0.00608
0.00	84.85	0.00695	-7.07	77.78	0.00801
-14.14	70.71	0.00929	-21.21	63.64	0.01084
-24.75	60.10	0.01174	-28.28	56.57	0.01267
-30.41	54.45	0.01325	-31.82	53.03	0.01363
-33.23	51.62	0.01401	-34.65	50.20	0.01438
-36.06	48.79	0.01478	-48.79	36.06	0.00724
-50.20	34.65	0.00663	-51.62	33.23	0.00613
-53.03	31.82	0.00571	-54.45	30.41	0.00536
-56.57	28.28	0.00490	-60.10	24.75	0.00428
-63.64	21.21	0.00379	-70.71	14.14	0.00305
-77.78	7.07	0.00250	-84.85	0.00	0.00209
-91.92	-7.07	0.00176	-98.99	-14.14	0.00151
-106.07	-21.21	0.00130	-113.14	-28.28	0.00113
35.36	106.07	0.00424	28.28	98.99	0.00475
21.21	91.92	0.00537	14.14	84.85	0.00609
7.07	77.78	0.00697	0.00	70.71	0.00803
-7.07	63.64	0.00932	-14.14	56.57	0.01088
-17.68	53.03	0.01177	-21.21	49.50	0.01271
-23.33	47.38	0.01328	-24.75	45.96	0.01367
-26.16	44.55	0.01406	-27.58	43.13	0.01447
-28.99	41.72	0.01487	-41.72	28.99	0.00729
-43.13	27.58	0.00667	-44.55	26.16	0.00617
-45.96	24.75	0.00576	-47.38	23.33	0.00540
-49.50	21.21	0.00494	-53.03	17.68	0.00433
-56.57	14.14	0.00383	-63.64	7.07	0.00309
-70.71	0.00	0.00254	-77.78	-7.07	0.00212
-84.85	-14.14	0.00180	-91.92	-21.21	0.00154

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00133	-106.07	-35.36	0.00115
42.43	98.99	0.00424	35.36	91.92	0.00476
28.28	84.85	0.00537	21.21	77.78	0.00611
14.14	70.71	0.00699	7.07	63.64	0.00805
0.00	56.57	0.00935	-7.07	49.50	0.01090
-10.61	45.96	0.01180	-14.14	42.43	0.01274

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

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

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01331	-17.68	38.89	0.01369
-19.09	37.48	0.01407	-20.51	36.06	0.01450
-21.92	34.65	0.01496	-34.65	21.92	0.00733
-36.06	20.51	0.00672	-37.48	19.09	0.00621
-38.89	17.68	0.00580	-40.31	16.26	0.00544
-42.43	14.14	0.00498	-45.96	10.61	0.00437
-49.50	7.07	0.00387	-56.57	0.00	0.00313
-63.64	-7.07	0.00258	-70.71	-14.14	0.00216
-77.78	-21.21	0.00183	-84.85	-28.28	0.00156
-91.92	-35.36	0.00135	-98.99	-42.43	0.00118
49.50	91.92	0.00424	42.43	84.85	0.00476
35.36	77.78	0.00538	28.28	70.71	0.00611
21.21	63.64	0.00700	14.14	56.57	0.00807
7.07	49.50	0.00936	0.00	42.43	0.01092
-3.54	38.89	0.01181	-7.07	35.36	0.01276
-9.19	33.23	0.01334	-10.61	31.82	0.01372
-12.02	30.41	0.01410	-13.44	28.99	0.01451
-14.85	27.58	0.01496	-27.58	14.85	0.00734
-28.99	13.44	0.00674	-30.41	12.02	0.00625
-31.82	10.61	0.00584	-33.23	9.19	0.00548
-35.36	7.07	0.00502	-38.89	3.54	0.00440
-42.43	0.00	0.00390	-49.50	-7.07	0.00316
-56.57	-14.14	0.00261	-63.64	-21.21	0.00218
-70.71	-28.28	0.00185	-77.78	-35.36	0.00159
-84.85	-42.43	0.00138	-91.92	-49.50	0.00120
56.57	84.85	0.00423	49.50	77.78	0.00475
42.43	70.71	0.00537	35.36	63.64	0.00611
28.28	56.57	0.00700	21.21	49.50	0.00807

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00937	7.07	35.36	0.01094
3.54	31.82	0.01182	0.00	28.28	0.01277
-2.12	26.16	0.01335	-3.54	24.75	0.01374
-4.95	23.33	0.01412	-6.36	21.92	0.01450
-7.78	20.51	0.01496	-20.51	7.78	0.00737
-21.92	6.36	0.00676	-23.33	4.95	0.00627
-24.75	3.54	0.00586	-26.16	2.12	0.00550
-28.28	0.00	0.00505	-31.82	-3.54	0.00443
-35.36	-7.07	0.00394	-42.43	-14.14	0.00319
-49.50	-21.21	0.00263	-56.57	-28.28	0.00221
-63.64	-35.36	0.00188	-70.71	-42.43	0.00161
-77.78	-49.50	0.00140	-84.85	-56.57	0.00122

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00421	56.57	70.71	0.00474
49.50	63.64	0.00536	42.43	56.57	0.00610
35.36	49.50	0.00700	28.28	42.43	0.00807
21.21	35.36	0.00938	14.14	28.28	0.01095
10.61	24.75	0.01184	7.07	21.21	0.01278
4.95	19.09	0.01336	3.54	17.68	0.01374
2.12	16.26	0.01413	0.71	14.85	0.01452
-0.71	13.44	0.01495	-13.44	0.71	0.00739
-14.85	-0.71	0.00678	-16.26	-2.12	0.00629
-17.68	-3.54	0.00588	-19.09	-4.95	0.00552
-21.21	-7.07	0.00507	-24.75	-10.61	0.00445
-28.28	-14.14	0.00396	-35.36	-21.21	0.00321
-42.43	-28.28	0.00266	-49.50	-35.36	0.00223
-56.57	-42.43	0.00190	-63.64	-49.50	0.00163
-70.71	-56.57	0.00142	-77.78	-63.64	0.00124
70.71	70.71	0.00419	63.64	63.64	0.00472
56.57	56.57	0.00535	49.50	49.50	0.00609
42.43	42.43	0.00699	35.36	35.36	0.00807
28.28	28.28	0.00938	21.21	21.21	0.01095
17.68	17.68	0.01184	14.14	14.14	0.01278
12.02	12.02	0.01336	10.61	10.61	0.01374
9.19	9.19	0.01413	7.78	7.78	0.01452

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01494	-6.36	-6.36	0.00740
-7.78	-7.78	0.00680	-9.19	-9.19	0.00631
-10.61	-10.61	0.00589	-12.02	-12.02	0.00554
-14.14	-14.14	0.00508	-17.68	-17.68	0.00447
-21.21	-21.21	0.00398	-28.28	-28.28	0.00323
-35.36	-35.36	0.00268	-42.43	-42.43	0.00225
-49.50	-49.50	0.00192	-56.57	-56.57	0.00165
-63.64	-63.64	0.00143	-70.71	-70.71	0.00126
77.78	63.64	0.00417	70.71	56.57	0.00470
63.64	49.50	0.00533	56.57	42.43	0.00607
49.50	35.36	0.00697	42.43	28.28	0.00805
35.36	21.21	0.00936	28.28	14.14	0.01095
24.75	10.61	0.01184	21.21	7.07	0.01278
19.09	4.95	0.01336	17.68	3.54	0.01374
16.26	2.12	0.01413	14.85	0.71	0.01452
13.44	-0.71	0.01492	0.71	-13.44	0.00741
-0.71	-14.85	0.00680	-2.12	-16.26	0.00632
-3.54	-17.68	0.00590	-4.95	-19.09	0.00555

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

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00509	-10.61	-24.75	0.00448
-14.14	-28.28	0.00399	-21.21	-35.36	0.00324
-28.28	-42.43	0.00269	-35.36	-49.50	0.00227
-42.43	-56.57	0.00194	-49.50	-63.64	0.00167
-56.57	-70.71	0.00145	-63.64	-77.78	0.00127
84.85	56.57	0.00414	77.78	49.50	0.00467
70.71	42.43	0.00530	63.64	35.36	0.00605
56.57	28.28	0.00695	49.50	21.21	0.00803
42.43	14.14	0.00935	35.36	7.07	0.01093
31.82	3.54	0.01182	28.28	0.00	0.01277
26.16	-2.12	0.01335	24.75	-3.54	0.01374
23.33	-4.95	0.01412	21.92	-6.36	0.01451
20.51	-7.78	0.01492	7.78	-20.51	0.00742
6.36	-21.92	0.00681	4.95	-23.33	0.00632
3.54	-24.75	0.00591	2.12	-26.16	0.00555
0.00	-28.28	0.00510	-3.54	-31.82	0.00449

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00400	-14.14	-42.43	0.00326
-21.21	-49.50	0.00271	-28.28	-56.57	0.00228
-35.36	-63.64	0.00195	-42.43	-70.71	0.00168
-49.50	-77.78	0.00146	-56.57	-84.85	0.00129
91.92	49.50	0.00410	84.85	42.43	0.00463
77.78	35.36	0.00526	70.71	28.28	0.00601
63.64	21.21	0.00692	56.57	14.14	0.00800
49.50	7.07	0.00932	42.43	0.00	0.01090
38.89	-3.54	0.01181	35.36	-7.07	0.01276
33.23	-9.19	0.01335	31.82	-10.61	0.01373
30.41	-12.02	0.01411	28.99	-13.44	0.01450
27.58	-14.85	0.01490	14.85	-27.58	0.00742
13.44	-28.99	0.00681	12.02	-30.41	0.00632
10.61	-31.82	0.00591	9.19	-33.23	0.00555
7.07	-35.36	0.00510	3.54	-38.89	0.00449
0.00	-42.43	0.00401	-7.07	-49.50	0.00327
-14.14	-56.57	0.00272	-21.21	-63.64	0.00230
-28.28	-70.71	0.00196	-35.36	-77.78	0.00170
-42.43	-84.85	0.00148	-49.50	-91.92	0.00130
98.99	42.43	0.00405	91.92	35.36	0.00459
84.85	28.28	0.00522	77.78	21.21	0.00597
70.71	14.14	0.00688	63.64	7.07	0.00797
56.57	0.00	0.00929	49.50	-7.07	0.01087
45.96	-10.61	0.01178	42.43	-14.14	0.01273

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

20:09:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.01332	38.89	-17.68	0.01371
37.48	-19.09	0.01411	36.06	-20.51	0.01452
34.65	-21.92	0.01493	21.92	-34.65	0.00742
20.51	-36.06	0.00681	19.09	-37.48	0.00631
17.68	-38.89	0.00590	16.26	-40.31	0.00555
14.14	-42.43	0.00510	10.61	-45.96	0.00449
7.07	-49.50	0.00401	0.00	-56.57	0.00327
-7.07	-63.64	0.00273	-14.14	-70.71	0.00231
-21.21	-77.78	0.00197	-28.28	-84.85	0.00171
-35.36	-91.92	0.00149	-42.43	-98.99	0.00131

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00400	98.99	28.28	0.00453
91.92	21.21	0.00517	84.85	14.14	0.00592
77.78	7.07	0.00683	70.71	0.00	0.00792
63.64	-7.07	0.00924	56.57	-14.14	0.01083
53.03	-17.68	0.01174	49.50	-21.21	0.01270
47.38	-23.33	0.01328	45.96	-24.75	0.01366
44.55	-26.16	0.01405	43.13	-27.58	0.01450
41.72	-28.99	0.01496	28.99	-41.72	0.00740
27.58	-43.13	0.00680	26.16	-44.55	0.00630
24.75	-45.96	0.00589	23.33	-47.38	0.00554
21.21	-49.50	0.00509	17.68	-53.03	0.00449
14.14	-56.57	0.00401	7.07	-63.64	0.00328
0.00	-70.71	0.00273	-7.07	-77.78	0.00231
-14.14	-84.85	0.00198	-21.21	-91.92	0.00171
-28.28	-98.99	0.00150	-35.36	-106.07	0.00132
113.14	28.28	0.00394	106.07	21.21	0.00447
98.99	14.14	0.00510	91.92	7.07	0.00586
84.85	0.00	0.00677	77.78	-7.07	0.00787
70.71	-14.14	0.00919	63.64	-21.21	0.01078
60.10	-24.75	0.01169	56.57	-28.28	0.01265
54.45	-30.41	0.01324	53.03	-31.82	0.01363
51.62	-33.23	0.01402	50.20	-34.65	0.01444
48.79	-36.06	0.01490	36.06	-48.79	0.00736
34.65	-50.20	0.00677	33.23	-51.62	0.00629
31.82	-53.03	0.00588	30.41	-54.45	0.00553
28.28	-56.57	0.00508	24.75	-60.10	0.00449
21.21	-63.64	0.00400	14.14	-70.71	0.00328
7.07	-77.78	0.00274	0.00	-84.85	0.00232
-7.07	-91.92	0.00199	-14.14	-98.99	0.00172
-21.21	-106.07	0.00150	-28.28	-113.14	0.00132

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00387	113.14	14.14	0.00440
106.07	7.07	0.00503	98.99	0.00	0.00579
91.92	-7.07	0.00670	84.85	-14.14	0.00780
77.78	-21.21	0.00913	70.71	-28.28	0.01073

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.01163	63.64	-35.36	0.01259
61.52	-37.48	0.01319	60.10	-38.89	0.01359
58.69	-40.31	0.01397	57.28	-41.72	0.01437
55.86	-43.13	0.01483	43.13	-55.86	0.00734
41.72	-57.28	0.00674	40.31	-58.69	0.00626
38.89	-60.10	0.00586	37.48	-61.52	0.00551
35.36	-63.64	0.00507	31.82	-67.18	0.00447
28.28	-70.71	0.00400	21.21	-77.78	0.00327
14.14	-84.85	0.00274	7.07	-91.92	0.00232
0.00	-98.99	0.00199	-7.07	-106.07	0.00173
-14.14	-113.14	0.00151	-21.21	-120.21	0.00133
127.28	14.14	0.00380	120.21	7.07	0.00432
113.14	0.00	0.00495	106.07	-7.07	0.00570
98.99	-14.14	0.00662	91.92	-21.21	0.00772
84.85	-28.28	0.00905	77.78	-35.36	0.01066
74.25	-38.89	0.01157	70.71	-42.43	0.01253
68.59	-44.55	0.01312	67.18	-45.96	0.01352
65.76	-47.38	0.01392	64.35	-48.79	0.01431
62.93	-50.20	0.01476	50.20	-62.93	0.00730
48.79	-64.35	0.00671	47.38	-65.76	0.00623
45.96	-67.18	0.00583	44.55	-68.59	0.00549
42.43	-70.71	0.00505	38.89	-74.25	0.00446
35.36	-77.78	0.00399	28.28	-84.85	0.00327
21.21	-91.92	0.00273	14.14	-98.99	0.00232
7.07	-106.07	0.00199	0.00	-113.14	0.00173
-7.07	-120.21	0.00151	-14.14	-127.28	0.00133
134.35	7.07	0.00371	127.28	0.00	0.00423
120.21	-7.07	0.00485	113.14	-14.14	0.00560
106.07	-21.21	0.00651	98.99	-28.28	0.00762
91.92	-35.36	0.00896	84.85	-42.43	0.01057
81.32	-45.96	0.01148	77.78	-49.50	0.01245
75.66	-51.62	0.01304	74.25	-53.03	0.01344
72.83	-54.45	0.01384	71.42	-55.86	0.01424
70.00	-57.28	0.01467	57.28	-70.00	0.00726
55.86	-71.42	0.00667	54.45	-72.83	0.00620
53.03	-74.25	0.00580	51.62	-75.66	0.00545

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



15NCRA\_SR05-300\_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	0.00502	45.96	-81.32	0.00443
42.43	-84.85	0.00397	35.36	-91.92	0.00326
28.28	-98.99	0.00273	21.21	-106.07	0.00232
14.14	-113.14	0.00199	7.07	-120.21	0.00173
0.00	-127.28	0.00152	-7.07	-134.35	0.00134
141.42	0.00	0.00362	134.35	-7.07	0.00412
127.28	-14.14	0.00474	120.21	-21.21	0.00548
113.14	-28.28	0.00639	106.07	-35.36	0.00750
98.99	-42.43	0.00885	91.92	-49.50	0.01047
88.39	-53.03	0.01138	84.85	-56.57	0.01236
82.73	-58.69	0.01295	81.32	-60.10	0.01335
79.90	-61.52	0.01375	78.49	-62.93	0.01415
77.07	-64.35	0.01458	64.35	-77.07	0.00722
62.93	-78.49	0.00662	61.52	-79.90	0.00615
60.10	-81.32	0.00575	58.69	-82.73	0.00542
56.57	-84.85	0.00498	53.03	-88.39	0.00441
49.50	-91.92	0.00395	42.43	-98.99	0.00324
35.36	-106.07	0.00272	28.28	-113.14	0.00232
21.21	-120.21	0.00199	14.14	-127.28	0.00173
7.07	-134.35	0.00152	0.00	-141.42	0.00134
148.49	-7.07	0.00351	141.42	-14.14	0.00401
134.35	-21.21	0.00461	127.28	-28.28	0.00535
120.21	-35.36	0.00626	113.14	-42.43	0.00736
106.07	-49.50	0.00871	98.99	-56.57	0.01034
95.46	-60.10	0.01126	91.92	-63.64	0.01224
89.80	-65.76	0.01284	88.39	-67.18	0.01324
86.97	-68.59	0.01364	85.56	-70.00	0.01405
84.15	-71.42	0.01448	71.42	-84.15	0.00716
70.00	-85.56	0.00657	68.59	-86.97	0.00610
67.18	-88.39	0.00571	65.76	-89.80	0.00537
63.64	-91.92	0.00494	60.10	-95.46	0.00437
56.57	-98.99	0.00392	49.50	-106.07	0.00323
42.43	-113.14	0.00271	35.36	-120.21	0.00231
28.28	-127.28	0.00199	21.21	-134.35	0.00173
14.14	-141.42	0.00151	7.07	-148.49	0.00134
155.56	-14.14	0.00340	148.49	-21.21	0.00388
141.42	-28.28	0.00447	134.35	-35.36	0.00520
127.28	-42.43	0.00609	120.21	-49.50	0.00720
113.14	-56.57	0.00855	106.07	-63.64	0.01018
102.53	-67.18	0.01112	98.99	-70.71	0.01211

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

\*\*\* NCRA Cumulative DPM Impacts

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.01272	95.46	-74.25	0.01312
94.05	-75.66	0.01352	92.63	-77.07	0.01392
91.22	-78.49	0.01435	78.49	-91.22	0.00709
77.07	-92.63	0.00650	75.66	-94.05	0.00603
74.25	-95.46	0.00565	72.83	-96.87	0.00532
70.71	-98.99	0.00490	67.18	-102.53	0.00434
63.64	-106.07	0.00389	56.57	-113.14	0.00321
49.50	-120.21	0.00270	42.43	-127.28	0.00230
35.36	-134.35	0.00198	28.28	-141.42	0.00172
21.21	-148.49	0.00151	14.14	-155.56	0.00133
162.63	-21.21	0.00328	155.56	-28.28	0.00375
148.49	-35.36	0.00432	141.42	-42.43	0.00502
134.35	-49.50	0.00590	127.28	-56.57	0.00700
120.21	-63.64	0.00835	113.14	-70.71	0.00999
109.60	-74.25	0.01093	106.07	-77.78	0.01193
103.94	-79.90	0.01254	102.53	-81.32	0.01295
101.12	-82.73	0.01338	99.70	-84.15	0.01381
98.29	-85.56	0.01425	85.56	-98.29	0.00701
84.15	-99.70	0.00643	82.73	-101.12	0.00596
81.32	-102.53	0.00558	79.90	-103.94	0.00526
77.78	-106.07	0.00484	74.25	-109.60	0.00429
70.71	-113.14	0.00385	63.64	-120.21	0.00319
56.57	-127.28	0.00268	49.50	-134.35	0.00229
42.43	-141.42	0.00197	35.36	-148.49	0.00172
28.28	-155.56	0.00150	21.21	-162.63	0.00133
169.71	-28.28	0.00315	162.63	-35.36	0.00360
155.56	-42.43	0.00415	148.49	-49.50	0.00483
141.42	-56.57	0.00568	134.35	-63.64	0.00676
127.28	-70.71	0.00811	120.21	-77.78	0.00975
116.67	-81.32	0.01070	113.14	-84.85	0.01171
111.02	-86.97	0.01233	109.60	-88.39	0.01274
108.19	-89.80	0.01315	106.77	-91.22	0.01363
105.36	-92.63	0.01412	92.63	-105.36	0.00691
91.22	-106.77	0.00634	89.80	-108.19	0.00588
88.39	-109.60	0.00550	86.97	-111.02	0.00518
84.85	-113.14	0.00478	81.32	-116.67	0.00424

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00381	70.71	-127.28	0.00316
63.64	-134.35	0.00266	56.57	-141.42	0.00227
49.50	-148.49	0.00196	42.43	-155.56	0.00171
35.36	-162.63	0.00150	28.28	-169.71	0.00132

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00301	169.71	-42.43	0.00344
162.63	-49.50	0.00396	155.56	-56.57	0.00461
148.49	-63.64	0.00543	141.42	-70.71	0.00648
134.35	-77.78	0.00781	127.28	-84.85	0.00946
123.74	-88.39	0.01042	120.21	-91.92	0.01144
118.09	-94.05	0.01207	116.67	-95.46	0.01249
115.26	-96.87	0.01291	113.84	-98.29	0.01336
112.43	-99.70	0.01386	99.70	-112.43	0.00676
98.29	-113.84	0.00622	96.87	-115.26	0.00578
95.46	-116.67	0.00542	94.05	-118.09	0.00511
91.92	-120.21	0.00471	88.39	-123.74	0.00419
84.85	-127.28	0.00377	77.78	-134.35	0.00313
70.71	-141.42	0.00264	63.64	-148.49	0.00225
56.57	-155.56	0.00194	49.50	-162.63	0.00169
42.43	-169.71	0.00148	35.36	-176.78	0.00131
183.85	-42.43	0.00288	176.78	-49.50	0.00327
169.71	-56.57	0.00376	162.63	-63.64	0.00437
155.56	-70.71	0.00515	148.49	-77.78	0.00615
141.42	-84.85	0.00745	134.35	-91.92	0.00910
130.81	-95.46	0.01005	127.28	-98.99	0.01109
125.16	-101.12	0.01173	123.74	-102.53	0.01217
122.33	-103.94	0.01260	120.92	-105.36	0.01304
119.50	-106.77	0.01355	106.77	-119.50	0.00662
105.36	-120.92	0.00608	103.94	-122.33	0.00566
102.53	-123.74	0.00531	101.12	-125.16	0.00501
98.99	-127.28	0.00463	95.46	-130.81	0.00413
91.92	-134.35	0.00372	84.85	-141.42	0.00309
77.78	-148.49	0.00261	70.71	-155.56	0.00223
63.64	-162.63	0.00192	56.57	-169.71	0.00167
49.50	-176.78	0.00147	42.43	-183.85	0.00130

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00274	183.85	-56.57	0.00311
176.78	-63.64	0.00355	169.71	-70.71	0.00412
162.63	-77.78	0.00484	155.56	-84.85	0.00578
148.49	-91.92	0.00701	141.42	-98.99	0.00863
137.89	-102.53	0.00959	134.35	-106.07	0.01063
132.23	-108.19	0.01129	130.81	-109.60	0.01174
129.40	-111.02	0.01219	127.99	-112.43	0.01264
126.57	-113.84	0.01315	113.84	-126.57	0.00645
112.43	-127.99	0.00594	111.02	-129.40	0.00553
109.60	-130.81	0.00519	108.19	-132.23	0.00491

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

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

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00454	102.53	-137.89	0.00406
98.99	-141.42	0.00366	91.92	-148.49	0.00305
84.85	-155.56	0.00257	77.78	-162.63	0.00220
70.71	-169.71	0.00190	63.64	-176.78	0.00166
56.57	-183.85	0.00146	49.50	-190.92	0.00129
197.99	-56.57	0.00261	190.92	-63.64	0.00294
183.85	-70.71	0.00335	176.78	-77.78	0.00386
169.71	-84.85	0.00451	162.63	-91.92	0.00536
155.56	-98.99	0.00650	148.49	-106.07	0.00804
144.96	-109.60	0.00898	141.42	-113.14	0.01004
139.30	-115.26	0.01071	137.89	-116.67	0.01117
136.47	-118.09	0.01164	135.06	-119.50	0.01211
133.64	-120.92	0.01263	120.92	-133.64	0.00626
119.50	-135.06	0.00577	118.09	-136.47	0.00538
116.67	-137.89	0.00506	115.26	-139.30	0.00479
113.14	-141.42	0.00445	109.60	-144.96	0.00398
106.07	-148.49	0.00360	98.99	-155.56	0.00299
91.92	-162.63	0.00253	84.85	-169.71	0.00216
77.78	-176.78	0.00187	70.71	-183.85	0.00164
63.64	-190.92	0.00144	56.57	-197.99	0.00128
205.06	-63.64	0.00247	197.99	-70.71	0.00278
190.92	-77.78	0.00315	183.85	-84.85	0.00360
176.78	-91.92	0.00418	169.71	-98.99	0.00492
162.63	-106.07	0.00592	155.56	-113.14	0.00731

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00820	148.49	-120.21	0.00924
146.37	-122.33	0.00993	144.96	-123.74	0.01040
143.54	-125.16	0.01089	142.13	-126.57	0.01139
140.71	-127.99	0.01193	127.99	-140.71	0.00604
126.57	-142.13	0.00558	125.16	-143.54	0.00522
123.74	-144.96	0.00492	122.33	-146.37	0.00467
120.21	-148.49	0.00434	116.67	-152.03	0.00389
113.14	-155.56	0.00352	106.07	-162.63	0.00293
98.99	-169.71	0.00248	91.92	-176.78	0.00213
84.85	-183.85	0.00184	77.78	-190.92	0.00161
70.71	-197.99	0.00142	63.64	-205.06	0.00126
212.13	-70.71	0.00234	205.06	-77.78	0.00261
197.99	-84.85	0.00294	190.92	-91.92	0.00335
183.85	-98.99	0.00385	176.78	-106.07	0.00449
169.71	-113.14	0.00532	162.63	-120.21	0.00648
159.10	-123.74	0.00725	155.56	-127.28	0.00819

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

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00884	152.03	-130.81	0.00932
150.61	-132.23	0.00982	149.20	-133.64	0.01035
147.79	-135.06	0.01094	135.06	-147.79	0.00581
133.64	-149.20	0.00539	132.23	-150.61	0.00506
130.81	-152.03	0.00478	129.40	-153.44	0.00454
127.28	-155.56	0.00423	123.74	-159.10	0.00379
120.21	-162.63	0.00343	113.14	-169.71	0.00286
106.07	-176.78	0.00243	98.99	-183.85	0.00209
91.92	-190.92	0.00181	84.85	-197.99	0.00159
77.78	-205.06	0.00140	70.71	-212.13	0.00124
219.20	-77.78	0.00220	212.13	-84.85	0.00244
205.06	-91.92	0.00274	197.99	-98.99	0.00310
190.92	-106.07	0.00353	183.85	-113.14	0.00407
176.78	-120.21	0.00475	169.71	-127.28	0.00565
166.17	-130.81	0.00622	162.63	-134.35	0.00693
160.51	-136.47	0.00745	159.10	-137.89	0.00785
157.68	-139.30	0.00831	156.27	-140.71	0.00884
154.86	-142.13	0.00946	142.13	-154.86	0.00559

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00520	139.30	-157.68	0.00489
137.89	-159.10	0.00463	136.47	-160.51	0.00440
134.35	-162.63	0.00409	130.81	-166.17	0.00368
127.28	-169.71	0.00333	120.21	-176.78	0.00279
113.14	-183.85	0.00237	106.07	-190.92	0.00204
98.99	-197.99	0.00177	91.92	-205.06	0.00156
84.85	-212.13	0.00138	77.78	-219.20	0.00123
226.27	-84.85	0.00206	219.20	-91.92	0.00228
212.13	-98.99	0.00254	205.06	-106.07	0.00285
197.99	-113.14	0.00321	190.92	-120.21	0.00366
183.85	-127.28	0.00420	176.78	-134.35	0.00487
173.24	-137.89	0.00527	169.71	-141.42	0.00573
167.58	-143.54	0.00605	166.17	-144.96	0.00629
164.76	-146.37	0.00656	163.34	-147.79	0.00688
161.93	-149.20	0.00730	149.20	-161.93	0.00535
147.79	-163.34	0.00499	146.37	-164.76	0.00470
144.96	-166.17	0.00445	143.54	-167.58	0.00424
141.42	-169.71	0.00395	137.89	-173.24	0.00355
134.35	-176.78	0.00323	127.28	-183.85	0.00271
120.21	-190.92	0.00231	113.14	-197.99	0.00199
106.07	-205.06	0.00173	98.99	-212.13	0.00152
91.92	-219.20	0.00135	84.85	-226.27	0.00120

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00193	226.27	-98.99	0.00212
219.20	-106.07	0.00235	212.13	-113.14	0.00261
205.06	-120.21	0.00292	197.99	-127.28	0.00328
190.92	-134.35	0.00370	183.85	-141.42	0.00418
180.31	-144.96	0.00445	176.78	-148.49	0.00474
174.66	-150.61	0.00492	173.24	-152.03	0.00505
171.83	-153.44	0.00519	170.41	-154.86	0.00534
169.00	-156.27	0.00551	156.27	-169.00	0.00501
154.86	-170.41	0.00471	153.44	-171.83	0.00446
152.03	-173.24	0.00424	150.61	-174.66	0.00404
148.49	-176.78	0.00378	144.96	-180.31	0.00341
141.42	-183.85	0.00310	134.35	-190.92	0.00261

15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00223	120.21	-205.06	0.00193
113.14	-212.13	0.00168	106.07	-219.20	0.00148
98.99	-226.27	0.00132	91.92	-233.35	0.00118
240.42	-98.99	0.00180	233.35	-106.07	0.00197
226.27	-113.14	0.00216	219.20	-120.21	0.00239
212.13	-127.28	0.00264	205.06	-134.35	0.00293
197.99	-141.42	0.00325	190.92	-148.49	0.00362
187.38	-152.03	0.00382	183.85	-155.56	0.00404
181.73	-157.68	0.00419	180.31	-159.10	0.00430
178.90	-160.51	0.00441	177.48	-161.93	0.00453
176.07	-163.34	0.00464	163.34	-176.07	0.00446
161.93	-177.48	0.00428	160.51	-178.90	0.00411
159.10	-180.31	0.00394	157.68	-181.73	0.00378
155.56	-183.85	0.00355	152.03	-187.38	0.00322
148.49	-190.92	0.00294	141.42	-197.99	0.00249
134.35	-205.06	0.00214	127.28	-212.13	0.00186
120.21	-219.20	0.00163	113.14	-226.27	0.00144
106.07	-233.35	0.00128	98.99	-240.42	0.00115
247.49	-106.07	0.00168	240.42	-113.14	0.00183
233.35	-120.21	0.00199	226.27	-127.28	0.00218
219.20	-134.35	0.00238	212.13	-141.42	0.00262
205.06	-148.49	0.00288	197.99	-155.56	0.00319
194.45	-159.10	0.00337	190.92	-162.63	0.00356
188.80	-164.76	0.00367	187.38	-166.17	0.00375
185.97	-167.58	0.00383	184.55	-169.00	0.00390
183.14	-170.41	0.00397	170.41	-183.14	0.00389
169.00	-184.55	0.00378	167.58	-185.97	0.00366
166.17	-187.38	0.00355	164.76	-188.80	0.00343

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00327	159.10	-194.45	0.00301
155.56	-197.99	0.00277	148.49	-205.06	0.00236
141.42	-212.13	0.00203	134.35	-219.20	0.00178
127.28	-226.27	0.00157	120.21	-233.35	0.00139
113.14	-240.42	0.00124	106.07	-247.49	0.00112

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

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15NCRA\_SR05-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00984 AT ( 126.57, -113.84, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977 AT ( 133.64, -120.92, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00969 AT ( 119.50, -106.77, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00944 AT ( 140.71, -127.99, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00937 AT ( 127.99, -112.43, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00934 AT ( 112.43, -99.70, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00927 AT ( 135.06, -119.50, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00925 AT ( 120.92, -105.36, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT ( 129.40, -111.02, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00895 AT ( 113.84, -98.29, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00984 AT ( 62.93, -50.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977 AT ( 70.00, -57.28, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00969 AT ( 55.86, -43.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00944 AT ( 77.07, -64.35, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00937 AT ( 64.35, -48.79, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00934 AT ( 48.79, -36.06, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00927 AT ( 71.42, -55.86, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00925 AT ( 57.28, -41.72, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT ( 65.76, -47.38, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00895 AT ( 50.20, -34.65, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00984 AT ( -0.71, 13.44, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977 AT ( 6.36, 6.36, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00969 AT ( -7.78, 20.51, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00944 AT ( 13.44, -0.71, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00937 AT ( 0.71, 14.85, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00934 AT ( -14.85, 27.58, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00927 AT ( 7.78, 7.78, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00925 AT ( -6.36, 21.92, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT ( 2.12, 16.26, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00895 AT ( -13.44, 28.99, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/18/08

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00984 AT ( -64.35, 77.07, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977 AT ( -57.28, 70.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00969 AT ( -71.42, 84.15, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00944 AT ( -50.20, 62.93, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00937 AT ( -62.93, 78.49, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00934 AT ( -78.49, 91.22, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00927 AT ( -55.86, 71.42, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00925 AT ( -70.00, 85.56, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00896 AT ( -61.52, 79.90, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00895 AT ( -77.07, 92.63, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00984 AT ( -127.99, 140.71, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977 AT ( -120.92, 133.64, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00969 AT ( -135.06, 147.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00944 AT ( -113.84, 126.57, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00937 AT ( -126.57, 142.13, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00934 AT ( -142.13, 154.86, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00927 AT ( -119.50, 135.06, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00925 AT ( -133.64, 149.20, 0.00, 1.20)	DC	NA



		15NCRA_SR05-300_DPM_TRAV_ANN_SE-NW Bound								
	9TH HIGHEST VALUE IS	0.00896	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00895	AT (	-140.71,	156.27,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01496	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01496	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01496	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01496	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01495	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01494	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01493	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01492	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01492	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01490	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA	

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

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

04/18/08

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

20:09:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 15 Informational Message(s)  
 A Total of 15 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*