

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 15:09:04

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\16NCRA\_PL91-300\_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
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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  
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RE DISCCART -58.69 82.73 1.2  
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RE DISCCART -79.9 61.52 1.2  
RE DISCCART -81.32 60.1 1.2  
RE DISCCART -82.73 58.69 1.2  
RE DISCCART -84.85 56.57 1.2  
RE DISCCART -88.39 53.03 1.2  
RE DISCCART -91.92 49.5 1.2  
RE DISCCART -98.99 42.43 1.2  
RE DISCCART -106.07 35.36 1.2  
RE DISCCART -113.14 28.28 1.2  
RE DISCCART -120.21 21.21 1.2  
RE DISCCART -127.28 14.14 1.2  
RE DISCCART -134.35 7.07 1.2  
RE DISCCART -141.42 0.0 1.2  
RE DISCCART 7.07 134.35 1.2  
RE DISCCART 0.0 127.28 1.2  
RE DISCCART -7.07 120.21 1.2

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET91300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1991

ME UAIRDATA 9901 1991

ME STARTEND 1991 01 01 1 1991 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\Petaluma\16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

15:09:05

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\16NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\16NCRA-1.LST

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

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

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID	SOURCE IDs
NCRA_S1	NCRA_S1 ,
NCRA_S2	NCRA_S2 ,
NCRA_S3	NCRA_S3 ,
NCRA_S4	NCRA_S4 ,
NCRA_S5	NCRA_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

15:09:05

\*\*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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

04/20/08

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

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\*\*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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

1 \*\*\* ISCS T3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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

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15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA\_PL91-300\_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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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\*\*\*

15:09:05  
\*\*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);

16NCRA\_PL91-300\_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      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*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);



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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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);

16NCRA\_PL91-300\_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 \*\*\*  
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\*\*\* 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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA\_PL91-300\_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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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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);

16NCRA\_PL91-300\_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      \*\*\*  
 04/20/08

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

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 \*\*MODELOPTs:  
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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);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

15:09:05  
 \*\*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);



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

04/20/08

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

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\*\*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);

16NCRA\_PL91-300\_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 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1991 1 1 1  
 AND END DATE: 1991 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES \*\*\*  
 (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

\*\*\* WIND PROFILE EXPONENTS \*\*\*

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
.15000E+00 A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.15000E+00 B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.20000E+00 C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
.25000E+00 D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
.30000E+00 E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
.30000E+00 F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

\*\*\* VERTICAL POTENTIAL TEMPERATURE GRADIENTS \*\*\*  
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
.00000E+00 A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00 B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00 C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00 D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.20000E-01 E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
.35000E-01 F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

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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

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\*\*\* THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

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FILE:  C:\NCRA\Modeling\Met Data\Petaluma\PET91300.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 9901           UPPER AIR STATION NO.: 9901
                 NAME: UNKNOWN       NAME: UNKNOWN
YEAR: 1991                       YEAR: 1991

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16NCRA\_PL91-300\_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)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	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 \*\*\*

04/20/08

\*\*\* 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	0.00002	-113.14	240.42	0.00003
-120.21	233.35	0.00003	-127.28	226.27	0.00003
-134.35	219.20	0.00003	-141.42	212.13	0.00003
-148.49	205.06	0.00003	-155.56	197.99	0.00003
-159.10	194.45	0.00003	-162.63	190.92	0.00003
-164.76	188.80	0.00003	-166.17	187.38	0.00003
-167.58	185.97	0.00003	-169.00	184.55	0.00003
-170.41	183.14	0.00003	-183.14	170.41	0.00003
-184.55	169.00	0.00003	-185.97	167.58	0.00003
-187.38	166.17	0.00003	-188.80	164.76	0.00003
-190.92	162.63	0.00003	-194.45	159.10	0.00003
-197.99	155.56	0.00003	-205.06	148.49	0.00003
-212.13	141.42	0.00003	-219.20	134.35	0.00003
-226.27	127.28	0.00003	-233.35	120.21	0.00003
-240.42	113.14	0.00003	-247.49	106.07	0.00003
-98.99	240.42	0.00003	-106.07	233.35	0.00003
-113.14	226.27	0.00003	-120.21	219.20	0.00003

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.28	212.13	0.00003	-134.35	205.06	0.00003
-141.42	197.99	0.00003	-148.49	190.92	0.00003
-152.03	187.38	0.00003	-155.56	183.85	0.00003
-157.68	181.73	0.00003	-159.10	180.31	0.00003
-160.51	178.90	0.00003	-161.93	177.48	0.00003
-163.34	176.07	0.00003	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00004	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00003
-219.20	120.21	0.00003	-226.27	113.14	0.00003
-233.35	106.07	0.00003	-240.42	98.99	0.00003
-91.92	233.35	0.00003	-98.99	226.27	0.00003
-106.07	219.20	0.00003	-113.14	212.13	0.00003
-120.21	205.06	0.00003	-127.28	197.99	0.00003
-134.35	190.92	0.00003	-141.42	183.85	0.00003
-144.96	180.31	0.00003	-148.49	176.78	0.00003
-150.61	174.66	0.00003	-152.03	173.24	0.00003
-153.44	171.83	0.00004	-154.86	170.41	0.00004
-156.27	169.00	0.00004	-169.00	156.27	0.00004
-170.41	154.86	0.00004	-171.83	153.44	0.00004
-173.24	152.03	0.00004	-174.66	150.61	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00003
-226.27	99.00	0.00003	-233.35	91.92	0.00003
-84.85	226.27	0.00003	-91.92	219.20	0.00003
-98.99	212.13	0.00003	-106.07	205.06	0.00003
-113.14	197.99	0.00003	-120.21	190.92	0.00003
-127.28	183.85	0.00003	-134.35	176.78	0.00003
-137.89	173.24	0.00004	-141.42	169.71	0.00004
-143.54	167.58	0.00004	-144.96	166.17	0.00004

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00004	-147.79	163.34	0.00004
-149.20	161.93	0.00004	-161.93	149.20	0.00004
-163.34	147.79	0.00004	-164.76	146.37	0.00004
-166.17	144.96	0.00004	-167.58	143.54	0.00004
-169.71	141.42	0.00004	-173.24	137.89	0.00004
-176.78	134.35	0.00004	-183.85	127.28	0.00004
-190.92	120.21	0.00004	-197.99	113.14	0.00004
-205.06	106.07	0.00004	-212.13	99.00	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00003
-77.78	219.20	0.00003	-84.85	212.13	0.00003
-91.92	205.06	0.00003	-98.99	197.99	0.00003
-106.07	190.92	0.00003	-113.14	183.85	0.00003
-120.21	176.78	0.00003	-127.28	169.71	0.00004
-130.81	166.17	0.00004	-134.35	162.63	0.00004
-136.47	160.51	0.00004	-137.89	159.10	0.00004
-139.30	157.68	0.00004	-140.71	156.27	0.00004
-142.13	154.86	0.00004	-154.86	142.13	0.00004
-156.27	140.71	0.00004	-157.68	139.30	0.00004
-159.10	137.89	0.00004	-160.51	136.47	0.00004
-162.63	134.35	0.00004	-166.17	130.81	0.00004
-169.71	127.28	0.00004	-176.78	120.21	0.00004
-183.85	113.14	0.00004	-190.92	106.07	0.00004
-197.99	99.00	0.00004	-205.06	91.92	0.00004
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00003	-77.78	205.06	0.00003
-84.85	197.99	0.00003	-91.92	190.92	0.00003
-98.99	183.85	0.00003	-106.07	176.78	0.00004
-113.14	169.71	0.00004	-120.21	162.63	0.00004
-123.74	159.10	0.00004	-127.28	155.56	0.00004

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

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

15:09:05  
 \*\*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	0.00004	-130.81	152.03	0.00004
-132.23	150.61	0.00004	-133.64	149.20	0.00004
-135.06	147.79	0.00004	-147.79	135.06	0.00004
-149.20	133.64	0.00004	-150.61	132.23	0.00004
-152.03	130.81	0.00004	-153.44	129.40	0.00004

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00004	-159.10	123.74	0.00004
-162.63	120.21	0.00004	-169.71	113.14	0.00004
-176.78	106.07	0.00004	-183.85	98.99	0.00004
-190.92	91.92	0.00004	-197.99	84.85	0.00004
-205.06	77.78	0.00004	-212.13	70.71	0.00004
-63.64	205.06	0.00003	-70.71	197.99	0.00003
-77.78	190.92	0.00003	-84.85	183.85	0.00003
-91.92	176.78	0.00004	-98.99	169.71	0.00004
-106.07	162.63	0.00004	-113.14	155.56	0.00004
-116.67	152.03	0.00004	-120.21	148.49	0.00004
-122.33	146.37	0.00004	-123.74	144.96	0.00004
-125.16	143.54	0.00004	-126.57	142.13	0.00004
-127.99	140.71	0.00004	-140.71	127.99	0.00005
-142.13	126.57	0.00005	-143.54	125.16	0.00005
-144.96	123.74	0.00005	-146.37	122.33	0.00005
-148.49	120.21	0.00005	-152.03	116.67	0.00005
-155.56	113.14	0.00005	-162.63	106.07	0.00005
-169.71	98.99	0.00004	-176.78	91.92	0.00004
-183.85	84.85	0.00004	-190.92	77.78	0.00004
-197.99	70.71	0.00004	-205.06	63.64	0.00004
-56.57	197.99	0.00003	-63.64	190.92	0.00003
-70.71	183.85	0.00003	-77.78	176.78	0.00004
-84.85	169.71	0.00004	-91.92	162.63	0.00004
-98.99	155.56	0.00004	-106.07	148.49	0.00004
-109.60	144.96	0.00004	-113.14	141.42	0.00004
-115.26	139.30	0.00004	-116.67	137.89	0.00004
-118.09	136.47	0.00004	-119.50	135.06	0.00004
-120.92	133.64	0.00005	-133.64	120.92	0.00005
-135.06	119.50	0.00005	-136.47	118.09	0.00005
-137.89	116.67	0.00005	-139.30	115.26	0.00005
-141.42	113.14	0.00005	-144.96	109.60	0.00005
-148.49	106.07	0.00005	-155.56	98.99	0.00005
-162.63	91.92	0.00005	-169.71	84.85	0.00005
-176.78	77.78	0.00004	-183.85	70.71	0.00004
-190.92	63.64	0.00004	-197.99	56.57	0.00004

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

15:09:05  
 \*\*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 \*\*

16NCRA_PL91-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00003	-56.57	183.85	0.00003
-63.64	176.78	0.00004	-70.71	169.71	0.00004
-77.78	162.63	0.00004	-84.85	155.56	0.00004
-91.92	148.49	0.00004	-98.99	141.42	0.00004
-102.53	137.89	0.00004	-106.07	134.35	0.00005
-108.19	132.23	0.00005	-109.60	130.81	0.00005
-111.02	129.40	0.00005	-112.43	127.99	0.00005
-113.84	126.57	0.00005	-126.57	113.84	0.00005
-127.99	112.43	0.00005	-129.40	111.02	0.00005
-130.81	109.60	0.00005	-132.23	108.19	0.00005
-134.35	106.07	0.00005	-137.89	102.53	0.00005
-141.42	98.99	0.00005	-148.49	91.92	0.00005
-155.56	84.85	0.00005	-162.63	77.78	0.00005
-169.71	70.71	0.00005	-176.78	63.64	0.00005
-183.85	56.57	0.00004	-190.92	49.50	0.00004
-42.43	183.85	0.00003	-49.50	176.78	0.00004
-56.57	169.71	0.00004	-63.64	162.63	0.00004
-70.71	155.56	0.00004	-77.78	148.49	0.00004
-84.85	141.42	0.00004	-91.92	134.35	0.00005
-95.46	130.81	0.00005	-98.99	127.28	0.00005
-101.12	125.16	0.00005	-102.53	123.74	0.00005
-103.94	122.33	0.00005	-105.36	120.92	0.00005
-106.77	119.50	0.00005	-119.50	106.77	0.00005
-120.92	105.36	0.00005	-122.33	103.94	0.00005
-123.74	102.53	0.00005	-125.16	101.12	0.00005
-127.28	98.99	0.00005	-130.81	95.46	0.00005
-134.35	91.92	0.00005	-141.42	84.85	0.00005
-148.49	77.78	0.00005	-155.56	70.71	0.00005
-162.63	63.64	0.00005	-169.71	56.57	0.00005
-176.78	49.50	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00003	-42.43	169.71	0.00004
-49.50	162.63	0.00004	-56.57	155.56	0.00004
-63.64	148.49	0.00004	-70.71	141.42	0.00004
-77.78	134.35	0.00005	-84.85	127.28	0.00005
-88.39	123.74	0.00005	-91.92	120.21	0.00005
-94.05	118.09	0.00005	-95.46	116.67	0.00005
-96.87	115.26	0.00005	-98.29	113.84	0.00005
-99.70	112.43	0.00005	-112.43	99.70	0.00006
-113.84	98.29	0.00006	-115.26	96.87	0.00006
-116.67	95.46	0.00006	-118.09	94.05	0.00006

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05

\*\*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	0.00006	-123.74	88.39	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00005	-148.49	63.64	0.00005
-155.56	56.57	0.00005	-162.63	49.50	0.00005
-169.71	42.43	0.00005	-176.78	35.36	0.00005
-28.28	169.71	0.00004	-35.36	162.63	0.00004
-42.43	155.56	0.00004	-49.50	148.49	0.00004
-56.57	141.42	0.00005	-63.64	134.35	0.00005
-70.71	127.28	0.00005	-77.78	120.21	0.00005
-81.32	116.67	0.00005	-84.85	113.14	0.00005
-86.97	111.02	0.00005	-88.39	109.60	0.00005
-89.80	108.19	0.00006	-91.22	106.77	0.00006
-92.63	105.36	0.00006	-105.36	92.63	0.00006
-106.77	91.22	0.00006	-108.19	89.80	0.00006
-109.60	88.39	0.00006	-111.02	86.97	0.00006
-113.14	84.85	0.00006	-116.67	81.32	0.00006
-120.21	77.78	0.00006	-127.28	70.71	0.00006
-134.35	63.64	0.00006	-141.42	56.57	0.00006
-148.49	49.50	0.00005	-155.56	42.43	0.00005
-162.63	35.36	0.00005	-169.71	28.28	0.00005
-21.21	162.63	0.00004	-28.28	155.56	0.00004
-35.36	148.49	0.00004	-42.43	141.42	0.00005
-49.50	134.35	0.00005	-56.57	127.28	0.00005
-63.64	120.21	0.00005	-70.71	113.14	0.00005
-74.25	109.60	0.00006	-77.78	106.07	0.00006
-79.90	103.94	0.00006	-81.32	102.53	0.00006
-82.73	101.12	0.00006	-84.15	99.70	0.00006
-85.56	98.29	0.00006	-98.29	85.56	0.00006
-99.70	84.15	0.00006	-101.12	82.73	0.00006
-102.53	81.32	0.00006	-103.94	79.90	0.00006
-106.07	77.78	0.00006	-109.60	74.25	0.00006
-113.14	70.71	0.00006	-120.21	63.64	0.00006
-127.28	56.57	0.00006	-134.35	49.50	0.00006
-141.42	42.43	0.00006	-148.49	35.36	0.00006
-155.56	28.28	0.00005	-162.63	21.21	0.00005
-14.14	155.56	0.00004	-21.21	148.49	0.00004
-28.28	141.42	0.00005	-35.36	134.35	0.00005

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00005	-49.50	120.21	0.00005
-56.57	113.14	0.00006	-63.64	106.07	0.00006
-67.18	102.53	0.00006	-70.71	98.99	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-72.83	96.87	0.00006	-74.25	95.46	0.00006
-75.66	94.05	0.00006	-77.07	92.63	0.00006
-78.49	91.22	0.00006	-91.22	78.49	0.00007
-92.63	77.07	0.00007	-94.05	75.66	0.00007
-95.46	74.25	0.00007	-96.87	72.83	0.00007
-98.99	70.71	0.00007	-102.53	67.18	0.00007
-106.07	63.64	0.00007	-113.14	56.57	0.00007
-120.21	49.50	0.00006	-127.28	42.43	0.00006
-134.35	35.36	0.00006	-141.42	28.28	0.00006
-148.49	21.21	0.00006	-155.56	14.14	0.00006
-7.07	148.49	0.00004	-14.14	141.42	0.00004
-21.21	134.35	0.00005	-28.28	127.28	0.00005
-35.36	120.21	0.00005	-42.43	113.14	0.00006
-49.50	106.07	0.00006	-56.57	98.99	0.00006
-60.10	95.46	0.00006	-63.64	91.92	0.00006
-65.76	89.80	0.00007	-67.18	88.39	0.00007
-68.59	86.97	0.00007	-70.00	85.56	0.00007
-71.42	84.15	0.00007	-84.15	71.42	0.00007
-85.56	70.00	0.00007	-86.97	68.59	0.00007
-88.39	67.18	0.00007	-89.80	65.76	0.00007
-91.92	63.64	0.00007	-95.46	60.10	0.00007
-98.99	56.57	0.00007	-106.07	49.50	0.00007
-113.14	42.43	0.00007	-120.21	35.36	0.00007
-127.28	28.28	0.00006	-134.35	21.21	0.00006
-141.42	14.14	0.00006	-148.49	7.07	0.00006
0.00	141.42	0.00004	-7.07	134.35	0.00005
-14.14	127.28	0.00005	-21.21	120.21	0.00005
-28.28	113.14	0.00006	-35.36	106.07	0.00006
-42.43	98.99	0.00006	-49.50	91.92	0.00007
-53.03	88.39	0.00007	-56.57	84.85	0.00007
-58.69	82.73	0.00007	-60.10	81.32	0.00007

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00007	-62.93	78.49	0.00007
-64.35	77.07	0.00007	-77.07	64.35	0.00008
-78.49	62.93	0.00008	-79.90	61.52	0.00008
-81.32	60.10	0.00008	-82.73	58.69	0.00008
-84.85	56.57	0.00008	-88.39	53.03	0.00008
-91.92	49.50	0.00008	-98.99	42.43	0.00007
-106.07	35.36	0.00007	-113.14	28.28	0.00007
-120.21	21.21	0.00007	-127.28	14.14	0.00007
-134.35	7.07	0.00007	-141.42	0.00	0.00006

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

\*\*\* 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
7.07	134.35	0.00004	0.00	127.28	0.00005
-7.07	120.21	0.00005	-14.14	113.14	0.00006
-21.21	106.07	0.00006	-28.28	98.99	0.00006
-35.36	91.92	0.00007	-42.43	84.85	0.00007
-45.96	81.32	0.00007	-49.50	77.78	0.00007
-51.62	75.66	0.00007	-53.03	74.25	0.00007
-54.45	72.83	0.00008	-55.86	71.42	0.00008
-57.28	70.00	0.00008	-70.00	57.28	0.00008
-71.42	55.86	0.00008	-72.83	54.45	0.00008
-74.25	53.03	0.00008	-75.66	51.62	0.00008
-77.78	49.50	0.00008	-81.32	45.96	0.00008
-84.85	42.43	0.00008	-91.92	35.36	0.00008
-98.99	28.28	0.00008	-106.07	21.21	0.00007
-113.14	14.14	0.00007	-120.21	7.07	0.00007
-127.28	0.00	0.00007	-134.35	-7.07	0.00007
14.14	127.28	0.00004	7.07	120.21	0.00005
0.00	113.14	0.00005	-7.07	106.07	0.00006
-14.14	98.99	0.00006	-21.21	91.92	0.00007
-28.28	84.85	0.00007	-35.36	77.78	0.00007
-38.89	74.25	0.00008	-42.43	70.71	0.00008
-44.55	68.59	0.00008	-45.96	67.18	0.00008
-47.38	65.76	0.00008	-48.79	64.35	0.00008
-50.20	62.93	0.00008	-62.93	50.20	0.00009
-64.35	48.79	0.00009	-65.76	47.38	0.00009
-67.18	45.96	0.00009	-68.59	44.55	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00009	-74.25	38.89	0.00009
-77.78	35.36	0.00009	-84.85	28.28	0.00008
-91.92	21.21	0.00008	-98.99	14.14	0.00008
-106.07	7.07	0.00008	-113.14	0.00	0.00008
-120.21	-7.07	0.00007	-127.28	-14.14	0.00007
21.21	120.21	0.00004	14.14	113.14	0.00005
7.07	106.07	0.00006	0.00	98.99	0.00006
-7.07	91.92	0.00007	-14.14	84.85	0.00007
-21.21	77.78	0.00008	-28.28	70.71	0.00008
-31.82	67.18	0.00008	-35.36	63.64	0.00008
-37.48	61.52	0.00009	-38.89	60.10	0.00009
-40.31	58.69	0.00009	-41.72	57.28	0.00009
-43.13	55.86	0.00009	-55.86	43.13	0.00009
-57.28	41.72	0.00010	-58.69	40.31	0.00010
-60.10	38.89	0.00010	-61.52	37.48	0.00010

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

\*\*\* 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
-63.64	35.36	0.00010	-67.18	31.82	0.00009
-70.71	28.28	0.00009	-77.78	21.21	0.00009
-84.85	14.14	0.00009	-91.92	7.07	0.00008
-98.99	0.00	0.00008	-106.07	-7.07	0.00008
-113.14	-14.14	0.00008	-120.21	-21.21	0.00008
28.28	113.14	0.00005	21.21	106.07	0.00005
14.14	98.99	0.00006	7.07	91.92	0.00007
0.00	84.85	0.00007	-7.07	77.78	0.00008
-14.14	70.71	0.00008	-21.21	63.64	0.00009
-24.75	60.10	0.00009	-28.28	56.57	0.00009
-30.41	54.45	0.00009	-31.82	53.03	0.00009
-33.23	51.62	0.00009	-34.65	50.20	0.00010
-36.06	48.79	0.00010	-48.79	36.06	0.00010
-50.20	34.65	0.00010	-51.62	33.23	0.00010
-53.03	31.82	0.00010	-54.45	30.41	0.00010
-56.57	28.28	0.00010	-60.10	24.75	0.00010
-63.64	21.21	0.00010	-70.71	14.14	0.00010
-77.78	7.07	0.00009	-84.85	0.00	0.00009
-91.92	-7.07	0.00009	-98.99	-14.14	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00008	-113.14	-28.28	0.00008
35.36	106.07	0.00005	28.28	98.99	0.00005
21.21	91.92	0.00006	14.14	84.85	0.00007
7.07	77.78	0.00008	0.00	70.71	0.00008
-7.07	63.64	0.00009	-14.14	56.57	0.00009
-17.68	53.03	0.00009	-21.21	49.50	0.00010
-23.33	47.38	0.00010	-24.75	45.96	0.00010
-26.16	44.55	0.00010	-27.58	43.13	0.00010
-28.99	41.72	0.00010	-41.72	28.99	0.00011
-43.13	27.58	0.00011	-44.55	26.16	0.00011
-45.96	24.75	0.00011	-47.38	23.33	0.00011
-49.50	21.21	0.00011	-53.03	17.68	0.00011
-56.57	14.14	0.00011	-63.64	7.07	0.00010
-70.71	0.00	0.00010	-77.78	-7.07	0.00010
-84.85	-14.14	0.00010	-91.92	-21.21	0.00009
-98.99	-28.28	0.00009	-106.07	-35.36	0.00009
42.43	98.99	0.00005	35.36	91.92	0.00006
28.28	84.85	0.00006	21.21	77.78	0.00007
14.14	70.71	0.00008	7.07	63.64	0.00009
0.00	56.57	0.00009	-7.07	49.50	0.00010
-10.61	45.96	0.00010	-14.14	42.43	0.00011

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

\*\*\* 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
-16.26	40.31	0.00011	-17.68	38.89	0.00011
-19.09	37.48	0.00011	-20.51	36.06	0.00011
-21.92	34.65	0.00011	-34.65	21.92	0.00012
-36.06	20.51	0.00012	-37.48	19.09	0.00012
-38.89	17.68	0.00012	-40.31	16.26	0.00012
-42.43	14.14	0.00012	-45.96	10.61	0.00012
-49.50	7.07	0.00012	-56.57	0.00	0.00011
-63.64	-7.07	0.00011	-70.71	-14.14	0.00011
-77.78	-21.21	0.00010	-84.85	-28.28	0.00010
-91.92	-35.36	0.00010	-98.99	-42.43	0.00009
49.50	91.92	0.00005	42.43	84.85	0.00006
35.36	77.78	0.00007	28.28	70.71	0.00008
21.21	63.64	0.00009	14.14	56.57	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00010	0.00	42.43	0.00011
-3.54	38.89	0.00011	-7.07	35.36	0.00011
-9.19	33.23	0.00012	-10.61	31.82	0.00012
-12.02	30.41	0.00012	-13.44	28.99	0.00012
-14.85	27.58	0.00012	-27.58	14.85	0.00013
-28.99	13.44	0.00013	-30.41	12.02	0.00013
-31.82	10.61	0.00013	-33.23	9.19	0.00013
-35.36	7.07	0.00013	-38.89	3.54	0.00013
-42.43	0.00	0.00013	-49.50	-7.07	0.00012
-56.57	-14.14	0.00012	-63.64	-21.21	0.00011
-70.71	-28.28	0.00011	-77.78	-35.36	0.00011
-84.85	-42.43	0.00010	-91.92	-49.50	0.00010
56.57	84.85	0.00005	49.50	77.78	0.00006
42.43	70.71	0.00007	35.36	63.64	0.00008
28.28	56.57	0.00009	21.21	49.50	0.00010
14.14	42.43	0.00011	7.07	35.36	0.00012
3.54	31.82	0.00012	0.00	28.28	0.00013
-2.12	26.16	0.00013	-3.54	24.75	0.00013
-4.95	23.33	0.00013	-6.36	21.92	0.00013
-7.78	20.51	0.00013	-20.51	7.78	0.00015
-21.92	6.36	0.00015	-23.33	4.95	0.00015
-24.75	3.54	0.00015	-26.16	2.12	0.00015
-28.28	0.00	0.00014	-31.82	-3.54	0.00014
-35.36	-7.07	0.00014	-42.43	-14.14	0.00013
-49.50	-21.21	0.00013	-56.57	-28.28	0.00012
-63.64	-35.36	0.00012	-70.71	-42.43	0.00012
-77.78	-49.50	0.00011	-84.85	-56.57	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
63.64	77.78	0.00006	56.57	70.71	0.00006
49.50	63.64	0.00007	42.43	56.57	0.00008
35.36	49.50	0.00010	28.28	42.43	0.00011
21.21	35.36	0.00012	14.14	28.28	0.00013
10.61	24.75	0.00013	7.07	21.21	0.00014
4.95	19.09	0.00014	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00015

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00015	-13.44	0.71	0.00016
-14.85	-0.71	0.00016	-16.26	-2.12	0.00016
-17.68	-3.54	0.00016	-19.09	-4.95	0.00016
-21.21	-7.07	0.00016	-24.75	-10.61	0.00016
-28.28	-14.14	0.00015	-35.36	-21.21	0.00015
-42.43	-28.28	0.00014	-49.50	-35.36	0.00014
-56.57	-42.43	0.00013	-63.64	-49.50	0.00013
-70.71	-56.57	0.00012	-77.78	-63.64	0.00011
70.71	70.71	0.00006	63.64	63.64	0.00007
56.57	56.57	0.00007	49.50	49.50	0.00009
42.43	42.43	0.00010	35.36	35.36	0.00012
28.28	28.28	0.00013	21.21	21.21	0.00014
17.68	17.68	0.00015	14.14	14.14	0.00015
12.02	12.02	0.00015	10.61	10.61	0.00016
9.19	9.19	0.00016	7.78	7.78	0.00016
6.36	6.36	0.00016	-6.36	-6.36	0.00018
-7.78	-7.78	0.00018	-9.19	-9.19	0.00018
-10.61	-10.61	0.00018	-12.02	-12.02	0.00018
-14.14	-14.14	0.00017	-17.68	-17.68	0.00017
-21.21	-21.21	0.00017	-28.28	-28.28	0.00016
-35.36	-35.36	0.00015	-42.43	-42.43	0.00015
-49.50	-49.50	0.00014	-56.57	-56.57	0.00014
-63.64	-63.64	0.00013	-70.71	-70.71	0.00012
77.78	63.64	0.00006	70.71	56.57	0.00007
63.64	49.50	0.00008	56.57	42.43	0.00009
49.50	35.36	0.00011	42.43	28.28	0.00012
35.36	21.21	0.00014	28.28	14.14	0.00016
24.75	10.61	0.00016	21.21	7.07	0.00017
19.09	4.95	0.00017	17.68	3.54	0.00017
16.26	2.12	0.00018	14.85	0.71	0.00018
13.44	-0.71	0.00018	0.71	-13.44	0.00020
-0.71	-14.85	0.00020	-2.12	-16.26	0.00020
-3.54	-17.68	0.00020	-4.95	-19.09	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-7.07	-21.21	0.00019	-10.61	-24.75	0.00019

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00018	-21.21	-35.36	0.00018
-28.28	-42.43	0.00017	-35.36	-49.50	0.00016
-42.43	-56.57	0.00016	-49.50	-63.64	0.00015
-56.57	-70.71	0.00014	-63.64	-77.78	0.00013
84.85	56.57	0.00006	77.78	49.50	0.00007
70.71	42.43	0.00008	63.64	35.36	0.00009
56.57	28.28	0.00011	49.50	21.21	0.00013
42.43	14.14	0.00015	35.36	7.07	0.00017
31.82	3.54	0.00018	28.28	0.00	0.00019
26.16	-2.12	0.00019	24.75	-3.54	0.00019
23.33	-4.95	0.00020	21.92	-6.36	0.00020
20.51	-7.78	0.00020	7.78	-20.51	0.00022
6.36	-21.92	0.00022	4.95	-23.33	0.00022
3.54	-24.75	0.00022	2.12	-26.16	0.00022
0.00	-28.28	0.00022	-3.54	-31.82	0.00021
-7.07	-35.36	0.00021	-14.14	-42.43	0.00020
-21.21	-49.50	0.00019	-28.28	-56.57	0.00018
-35.36	-63.64	0.00017	-42.43	-70.71	0.00016
-49.50	-77.78	0.00015	-56.57	-84.85	0.00013
91.92	49.50	0.00007	84.85	42.43	0.00008
77.78	35.36	0.00009	70.71	28.28	0.00010
63.64	21.21	0.00012	56.57	14.14	0.00014
49.50	7.07	0.00017	42.43	0.00	0.00019
38.89	-3.54	0.00020	35.36	-7.07	0.00021
33.23	-9.19	0.00021	31.82	-10.61	0.00022
30.41	-12.02	0.00022	28.99	-13.44	0.00023
27.58	-14.85	0.00023	14.85	-27.58	0.00025
13.44	-28.99	0.00025	12.02	-30.41	0.00025
10.61	-31.82	0.00025	9.19	-33.23	0.00025
7.07	-35.36	0.00024	3.54	-38.89	0.00024
0.00	-42.43	0.00023	-7.07	-49.50	0.00022
-14.14	-56.57	0.00021	-21.21	-63.64	0.00020
-28.28	-70.71	0.00019	-35.36	-77.78	0.00017
-42.43	-84.85	0.00016	-49.50	-91.92	0.00014
98.99	42.43	0.00007	91.92	35.36	0.00008
84.85	28.28	0.00009	77.78	21.21	0.00011
70.71	14.14	0.00013	63.64	7.07	0.00015
56.57	0.00	0.00018	49.50	-7.07	0.00021
45.96	-10.61	0.00023	42.43	-14.14	0.00024

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



\*\*\*

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	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00026
34.65	-21.92	0.00026	21.92	-34.65	0.00029
20.51	-36.06	0.00029	19.09	-37.48	0.00028
17.68	-38.89	0.00028	16.26	-40.31	0.00028
14.14	-42.43	0.00027	10.61	-45.96	0.00027
7.07	-49.50	0.00026	0.00	-56.57	0.00025
-7.07	-63.64	0.00024	-14.14	-70.71	0.00022
-21.21	-77.78	0.00020	-28.28	-84.85	0.00018
-35.36	-91.92	0.00016	-42.43	-98.99	0.00015
106.07	35.36	0.00007	98.99	28.28	0.00008
91.92	21.21	0.00010	84.85	14.14	0.00011
77.78	7.07	0.00013	70.71	0.00	0.00016
63.64	-7.07	0.00020	56.57	-14.14	0.00024
53.03	-17.68	0.00025	49.50	-21.21	0.00027
47.38	-23.33	0.00028	45.96	-24.75	0.00028
44.55	-26.16	0.00029	43.13	-27.58	0.00029
41.72	-28.99	0.00030	28.99	-41.72	0.00033
27.58	-43.13	0.00033	26.16	-44.55	0.00033
24.75	-45.96	0.00032	23.33	-47.38	0.00032
21.21	-49.50	0.00031	17.68	-53.03	0.00030
14.14	-56.57	0.00029	7.07	-63.64	0.00028
0.00	-70.71	0.00026	-7.07	-77.78	0.00024
-14.14	-84.85	0.00022	-21.21	-91.92	0.00020
-28.28	-98.99	0.00017	-35.36	-106.07	0.00015
113.14	28.28	0.00008	106.07	21.21	0.00009
98.99	14.14	0.00010	91.92	7.07	0.00012
84.85	0.00	0.00014	77.78	-7.07	0.00017
70.71	-14.14	0.00021	63.64	-21.21	0.00026
60.10	-24.75	0.00029	56.57	-28.28	0.00031
54.45	-30.41	0.00032	53.03	-31.82	0.00033
51.62	-33.23	0.00033	50.20	-34.65	0.00034
48.79	-36.06	0.00035	36.06	-48.79	0.00038
34.65	-50.20	0.00038	33.23	-51.62	0.00038
31.82	-53.03	0.00037	30.41	-54.45	0.00037
28.28	-56.57	0.00036	24.75	-60.10	0.00035
21.21	-63.64	0.00034	14.14	-70.71	0.00032
7.07	-77.78	0.00030	0.00	-84.85	0.00027
-7.07	-91.92	0.00024	-14.14	-98.99	0.00021

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00018 -28.28 -113.14 0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* 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\_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	0.00008	113.14	14.14	0.00009
106.07	7.07	0.00011	98.99	0.00	0.00013
91.92	-7.07	0.00015	84.85	-14.14	0.00019
77.78	-21.21	0.00023	70.71	-28.28	0.00029
67.18	-31.82	0.00032	63.64	-35.36	0.00035
61.52	-37.48	0.00037	60.10	-38.89	0.00038
58.69	-40.31	0.00039	57.28	-41.72	0.00040
55.86	-43.13	0.00041	43.13	-55.86	0.00045
41.72	-57.28	0.00045	40.31	-58.69	0.00044
38.89	-60.10	0.00043	37.48	-61.52	0.00043
35.36	-63.64	0.00042	31.82	-67.18	0.00040
28.28	-70.71	0.00039	21.21	-77.78	0.00036
14.14	-84.85	0.00033	7.07	-91.92	0.00029
0.00	-98.99	0.00025	-7.07	-106.07	0.00022
-14.14	-113.14	0.00019	-21.21	-120.21	0.00017
127.28	14.14	0.00009	120.21	7.07	0.00010
113.14	0.00	0.00011	106.07	-7.07	0.00013
98.99	-14.14	0.00016	91.92	-21.21	0.00020
84.85	-28.28	0.00025	77.78	-35.36	0.00032
74.25	-38.89	0.00037	70.71	-42.43	0.00041
68.59	-44.55	0.00043	67.18	-45.96	0.00044
65.76	-47.38	0.00046	64.35	-48.79	0.00047
62.93	-50.20	0.00048	50.20	-62.93	0.00054
48.79	-64.35	0.00053	47.38	-65.76	0.00052
45.96	-67.18	0.00051	44.55	-68.59	0.00050
42.43	-70.71	0.00049	38.89	-74.25	0.00047
35.36	-77.78	0.00045	28.28	-84.85	0.00041
21.21	-91.92	0.00036	14.14	-98.99	0.00031
7.07	-106.07	0.00027	0.00	-113.14	0.00023
-7.07	-120.21	0.00020	-14.14	-127.28	0.00017
134.35	7.07	0.00009	127.28	0.00	0.00011
120.21	-7.07	0.00012	113.14	-14.14	0.00014
106.07	-21.21	0.00017	98.99	-28.28	0.00021

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00027	84.85	-42.43	0.00036
81.32	-45.96	0.00041	77.78	-49.50	0.00047
75.66	-51.62	0.00050	74.25	-53.03	0.00053
72.83	-54.45	0.00054	71.42	-55.86	0.00056
70.00	-57.28	0.00058	57.28	-70.00	0.00064
55.86	-71.42	0.00063	54.45	-72.83	0.00062
53.03	-74.25	0.00061	51.62	-75.66	0.00060

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\_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	0.00058	45.96	-81.32	0.00056
42.43	-84.85	0.00053	35.36	-91.92	0.00046
28.28	-98.99	0.00039	21.21	-106.07	0.00033
14.14	-113.14	0.00028	7.07	-120.21	0.00024
0.00	-127.28	0.00021	-7.07	-134.35	0.00018
141.42	0.00	0.00010	134.35	-7.07	0.00011
127.28	-14.14	0.00013	120.21	-21.21	0.00016
113.14	-28.28	0.00019	106.07	-35.36	0.00023
98.99	-42.43	0.00030	91.92	-49.50	0.00040
88.39	-53.03	0.00046	84.85	-56.57	0.00054
82.73	-58.69	0.00059	81.32	-60.10	0.00062
79.90	-61.52	0.00065	78.49	-62.93	0.00068
77.07	-64.35	0.00071	64.35	-77.07	0.00078
62.93	-78.49	0.00077	61.52	-79.90	0.00075
60.10	-81.32	0.00073	58.69	-82.73	0.00072
56.57	-84.85	0.00070	53.03	-88.39	0.00065
49.50	-91.92	0.00061	42.43	-98.99	0.00051
35.36	-106.07	0.00042	28.28	-113.14	0.00035
21.21	-120.21	0.00030	14.14	-127.28	0.00025
7.07	-134.35	0.00021	0.00	-141.42	0.00018
148.49	-7.07	0.00011	141.42	-14.14	0.00013
134.35	-21.21	0.00015	127.28	-28.28	0.00017
120.21	-35.36	0.00020	113.14	-42.43	0.00025
106.07	-49.50	0.00032	98.99	-56.57	0.00044
95.46	-60.10	0.00052	91.92	-63.64	0.00062
89.80	-65.76	0.00068	88.39	-67.18	0.00073
86.97	-68.59	0.00078	85.56	-70.00	0.00083

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00087	71.42	-84.15	0.00097
70.00	-85.56	0.00094	68.59	-86.97	0.00092
67.18	-88.39	0.00089	65.76	-89.80	0.00086
63.64	-91.92	0.00082	60.10	-95.46	0.00075
56.57	-98.99	0.00068	49.50	-106.07	0.00055
42.43	-113.14	0.00045	35.36	-120.21	0.00037
28.28	-127.28	0.00031	21.21	-134.35	0.00026
14.14	-141.42	0.00022	7.07	-148.49	0.00019
155.56	-14.14	0.00012	148.49	-21.21	0.00014
141.42	-28.28	0.00016	134.35	-35.36	0.00019
127.28	-42.43	0.00023	120.21	-49.50	0.00028
113.14	-56.57	0.00036	106.07	-63.64	0.00048
102.53	-67.18	0.00057	98.99	-70.71	0.00069

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: 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	0.00078	95.46	-74.25	0.00085
94.05	-75.66	0.00092	92.63	-77.07	0.00099
91.22	-78.49	0.00107	78.49	-91.22	0.00119
77.07	-92.63	0.00115	75.66	-94.05	0.00110
74.25	-95.46	0.00105	72.83	-96.87	0.00100
70.71	-98.99	0.00093	67.18	-102.53	0.00083
63.64	-106.07	0.00074	56.57	-113.14	0.00059
49.50	-120.21	0.00048	42.43	-127.28	0.00039
35.36	-134.35	0.00032	28.28	-141.42	0.00027
21.21	-148.49	0.00023	14.14	-155.56	0.00020
162.63	-21.21	0.00013	155.56	-28.28	0.00015
148.49	-35.36	0.00017	141.42	-42.43	0.00021
134.35	-49.50	0.00025	127.28	-56.57	0.00032
120.21	-63.64	0.00041	113.14	-70.71	0.00055
109.60	-74.25	0.00066	106.07	-77.78	0.00079
103.94	-79.90	0.00090	102.53	-81.32	0.00097
101.12	-82.73	0.00106	99.70	-84.15	0.00116
98.29	-85.56	0.00127	85.56	-98.29	0.00142
84.15	-99.70	0.00132	82.73	-101.12	0.00124
81.32	-102.53	0.00117	79.90	-103.94	0.00110
77.78	-106.07	0.00101	74.25	-109.60	0.00089

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00079	63.64	-120.21	0.00063
56.57	-127.28	0.00051	49.50	-134.35	0.00042
42.43	-141.42	0.00035	35.36	-148.49	0.00029
28.28	-155.56	0.00025	21.21	-162.63	0.00022
169.71	-28.28	0.00014	162.63	-35.36	0.00016
155.56	-42.43	0.00019	148.49	-49.50	0.00023
141.42	-56.57	0.00028	134.35	-63.64	0.00035
127.28	-70.71	0.00046	120.21	-77.78	0.00063
116.67	-81.32	0.00076	113.14	-84.85	0.00093
111.02	-86.97	0.00106	109.60	-88.39	0.00117
108.19	-89.80	0.00129	106.77	-91.22	0.00144
105.36	-92.63	0.00165	92.63	-105.36	0.00165
91.22	-106.77	0.00151	89.80	-108.19	0.00140
88.39	-109.60	0.00130	86.97	-111.02	0.00123
84.85	-113.14	0.00112	81.32	-116.67	0.00099
77.78	-120.21	0.00087	70.71	-127.28	0.00069
63.64	-134.35	0.00056	56.57	-141.42	0.00045
49.50	-148.49	0.00038	42.43	-155.56	0.00032
35.36	-162.63	0.00027	28.28	-169.71	0.00024

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

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\*\*MODELOPTs:

PAGE 38

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* 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	0.00015	169.71	-42.43	0.00017
162.63	-49.50	0.00021	155.56	-56.57	0.00025
148.49	-63.64	0.00031	141.42	-70.71	0.00040
134.35	-77.78	0.00054	127.28	-84.85	0.00077
123.74	-88.39	0.00097	120.21	-91.92	0.00127
118.09	-94.05	0.00153	116.67	-95.46	0.00175
115.26	-96.87	0.00204	113.84	-98.29	0.00243
112.43	-99.70	0.00296	99.70	-112.43	0.00208
98.29	-113.84	0.00182	96.87	-115.26	0.00163
95.46	-116.67	0.00149	94.05	-118.09	0.00138
91.92	-120.21	0.00124	88.39	-123.74	0.00107
84.85	-127.28	0.00094	77.78	-134.35	0.00074
70.71	-141.42	0.00059	63.64	-148.49	0.00048
56.57	-155.56	0.00040	49.50	-162.63	0.00034
42.43	-169.71	0.00029	35.36	-176.78	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00016	176.78	-49.50	0.00019
169.71	-56.57	0.00023	162.63	-63.64	0.00028
155.56	-70.71	0.00036	148.49	-77.78	0.00048
141.42	-84.85	0.00067	134.35	-91.92	0.00104
130.81	-95.46	0.00136	127.28	-98.99	0.00188
125.16	-101.12	0.00233	123.74	-102.53	0.00271
122.33	-103.94	0.00317	120.92	-105.36	0.00374
119.50	-106.77	0.00446	106.77	-119.50	0.00265
105.36	-120.92	0.00227	103.94	-122.33	0.00199
102.53	-123.74	0.00179	101.12	-125.16	0.00162
98.99	-127.28	0.00143	95.46	-130.81	0.00119
91.92	-134.35	0.00102	84.85	-141.42	0.00078
77.78	-148.49	0.00063	70.71	-155.56	0.00051
63.64	-162.63	0.00043	56.57	-169.71	0.00036
49.50	-176.78	0.00031	42.43	-183.85	0.00027
190.92	-49.50	0.00018	183.85	-56.57	0.00021
176.78	-63.64	0.00026	169.71	-70.71	0.00033
162.63	-77.78	0.00043	155.56	-84.85	0.00059
148.49	-91.92	0.00086	141.42	-98.99	0.00141
137.89	-102.53	0.00188	134.35	-106.07	0.00258
132.23	-108.19	0.00317	130.81	-109.60	0.00365
129.40	-111.02	0.00422	127.99	-112.43	0.00489
126.57	-113.84	0.00569	113.84	-126.57	0.00319
112.43	-127.99	0.00274	111.02	-129.40	0.00239
109.60	-130.81	0.00212	108.19	-132.23	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	0.00165	102.53	-137.89	0.00134
98.99	-141.42	0.00112	91.92	-148.49	0.00083
84.85	-155.56	0.00066	77.78	-162.63	0.00054
70.71	-169.71	0.00045	63.64	-176.78	0.00038
56.57	-183.85	0.00032	49.50	-190.92	0.00028
197.99	-56.57	0.00019	190.92	-63.64	0.00024
183.85	-70.71	0.00030	176.78	-77.78	0.00039
169.71	-84.85	0.00052	162.63	-91.92	0.00073
155.56	-98.99	0.00110	148.49	-106.07	0.00182

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00240	141.42	-113.14	0.00324
139.30	-115.26	0.00391	137.89	-116.67	0.00445
136.47	-118.09	0.00508	135.06	-119.50	0.00580
133.64	-120.92	0.00663	120.92	-133.64	0.00365
119.50	-135.06	0.00314	118.09	-136.47	0.00275
116.67	-137.89	0.00243	115.26	-139.30	0.00218
113.14	-141.42	0.00187	109.60	-144.96	0.00149
106.07	-148.49	0.00123	98.99	-155.56	0.00090
91.92	-162.63	0.00070	84.85	-169.71	0.00056
77.78	-176.78	0.00047	70.71	-183.85	0.00039
63.64	-190.92	0.00033	56.57	-197.99	0.00029
205.06	-63.64	0.00022	197.99	-70.71	0.00027
190.92	-77.78	0.00034	183.85	-84.85	0.00045
176.78	-91.92	0.00062	169.71	-98.99	0.00089
162.63	-106.07	0.00136	155.56	-113.14	0.00221
152.03	-116.67	0.00288	148.49	-120.21	0.00381
146.37	-122.33	0.00453	144.96	-123.74	0.00510
143.54	-125.16	0.00574	142.13	-126.57	0.00647
140.71	-127.99	0.00730	127.99	-140.71	0.00400
126.57	-142.13	0.00344	125.16	-143.54	0.00302
123.74	-144.96	0.00268	122.33	-146.37	0.00240
120.21	-148.49	0.00206	116.67	-152.03	0.00164
113.14	-155.56	0.00134	106.07	-162.63	0.00098
98.99	-169.71	0.00075	91.92	-176.78	0.00059
84.85	-183.85	0.00048	77.78	-190.92	0.00041
70.71	-197.99	0.00035	63.64	-205.06	0.00030
212.13	-70.71	0.00024	205.06	-77.78	0.00030
197.99	-84.85	0.00039	190.92	-91.92	0.00052
183.85	-98.99	0.00073	176.78	-106.07	0.00106
169.71	-113.14	0.00162	162.63	-120.21	0.00257
159.10	-123.74	0.00329	155.56	-127.28	0.00427

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
153.44	-129.40	0.00502	152.03	-130.81	0.00559
150.61	-132.23	0.00623	149.20	-133.64	0.00694
147.79	-135.06	0.00776	135.06	-147.79	0.00422

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00364	132.23	-150.61	0.00320
130.81	-152.03	0.00284	129.40	-153.44	0.00255
127.28	-155.56	0.00220	123.74	-159.10	0.00176
120.21	-162.63	0.00145	113.14	-169.71	0.00105
106.07	-176.78	0.00080	98.99	-183.85	0.00063
91.92	-190.92	0.00051	84.85	-197.99	0.00042
77.78	-205.06	0.00036	70.71	-212.13	0.00031
219.20	-77.78	0.00027	212.13	-84.85	0.00034
205.06	-91.92	0.00045	197.99	-98.99	0.00060
190.92	-106.07	0.00085	183.85	-113.14	0.00123
176.78	-120.21	0.00184	169.71	-127.28	0.00287
166.17	-130.81	0.00364	162.63	-134.35	0.00465
160.51	-136.47	0.00539	159.10	-137.89	0.00596
157.68	-139.30	0.00658	156.27	-140.71	0.00727
154.86	-142.13	0.00805	142.13	-154.86	0.00433
140.71	-156.27	0.00374	139.30	-157.68	0.00330
137.89	-159.10	0.00295	136.47	-160.51	0.00266
134.35	-162.63	0.00231	130.81	-166.17	0.00187
127.28	-169.71	0.00155	120.21	-176.78	0.00112
113.14	-183.85	0.00085	106.07	-190.92	0.00067
98.99	-197.99	0.00054	91.92	-205.06	0.00044
84.85	-212.13	0.00036	77.78	-219.20	0.00031
226.27	-84.85	0.00030	219.20	-91.92	0.00039
212.13	-98.99	0.00051	205.06	-106.07	0.00069
197.99	-113.14	0.00096	190.92	-120.21	0.00138
183.85	-127.28	0.00204	176.78	-134.35	0.00311
173.24	-137.89	0.00390	169.71	-141.42	0.00492
167.58	-143.54	0.00566	166.17	-144.96	0.00622
164.76	-146.37	0.00683	163.34	-147.79	0.00750
161.93	-149.20	0.00824	149.20	-161.93	0.00437
147.79	-163.34	0.00382	146.37	-164.76	0.00339
144.96	-166.17	0.00306	143.54	-167.58	0.00277
141.42	-169.71	0.00242	137.89	-173.24	0.00197
134.35	-176.78	0.00164	127.28	-183.85	0.00118
120.21	-190.92	0.00088	113.14	-197.99	0.00068
106.07	-205.06	0.00055	98.99	-212.13	0.00044
91.92	-219.20	0.00037	84.85	-226.27	0.00031

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

\*\*\* 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 ,



16NCRA\_PL91-300\_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	0.00034		226.27	-98.99	0.00044	
219.20	-106.07	0.00058		212.13	-113.14	0.00078	
205.06	-120.21	0.00107		197.99	-127.28	0.00152	
190.92	-134.35	0.00220		183.85	-141.42	0.00330	
180.31	-144.96	0.00409		176.78	-148.49	0.00508	
174.66	-150.61	0.00580		173.24	-152.03	0.00633	
171.83	-153.44	0.00691		170.41	-154.86	0.00753	
169.00	-156.27	0.00817		156.27	-169.00	0.00435	
154.86	-170.41	0.00384		153.44	-171.83	0.00343	
152.03	-173.24	0.00309		150.61	-174.66	0.00281	
148.49	-176.78	0.00246		144.96	-180.31	0.00202	
141.42	-183.85	0.00168		134.35	-190.92	0.00121	
127.28	-197.99	0.00090		120.21	-205.06	0.00069	
113.14	-212.13	0.00055		106.07	-219.20	0.00045	
98.99	-226.27	0.00037		91.92	-233.35	0.00031	
240.42	-98.99	0.00038		233.35	-106.07	0.00049	
226.27	-113.14	0.00064		219.20	-120.21	0.00086	
212.13	-127.28	0.00117		205.06	-134.35	0.00162	
197.99	-141.42	0.00232		190.92	-148.49	0.00338	
187.38	-152.03	0.00411		183.85	-155.56	0.00499	
181.73	-157.68	0.00559		180.31	-159.10	0.00600	
178.90	-160.51	0.00640		177.48	-161.93	0.00678	
176.07	-163.34	0.00709		163.34	-176.07	0.00405	
161.93	-177.48	0.00367		160.51	-178.90	0.00334	
159.10	-180.31	0.00305		157.68	-181.73	0.00280	
155.56	-183.85	0.00247		152.03	-187.38	0.00203	
148.49	-190.92	0.00170		141.42	-197.99	0.00122	
134.35	-205.06	0.00091		127.28	-212.13	0.00070	
120.21	-219.20	0.00056		113.14	-226.27	0.00045	
106.07	-233.35	0.00037		98.99	-240.42	0.00031	
247.49	-106.07	0.00042		240.42	-113.14	0.00054	
233.35	-120.21	0.00070		226.27	-127.28	0.00092	
219.20	-134.35	0.00124		212.13	-141.42	0.00169	
205.06	-148.49	0.00235		197.99	-155.56	0.00331	
194.45	-159.10	0.00392		190.92	-162.63	0.00458	
188.80	-164.76	0.00498		187.38	-166.17	0.00523	
185.97	-167.58	0.00546		184.55	-169.00	0.00564	
183.14	-170.41	0.00575		170.41	-183.14	0.00360	
169.00	-184.55	0.00332		167.58	-185.97	0.00307	
166.17	-187.38	0.00285		164.76	-188.80	0.00265	

04/20/08

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

\*\*\*

15:09:05

\*\*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	0.00237	159.10	-194.45	0.00199
155.56	-197.99	0.00169	148.49	-205.06	0.00123
141.42	-212.13	0.00092	134.35	-219.20	0.00071
127.28	-226.27	0.00056	120.21	-233.35	0.00045
113.14	-240.42	0.00037	106.07	-247.49	0.00031

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

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

\*\*\*

15:09:05

\*\*MODELOPTs:  
PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00003	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00004	-141.42	212.13	0.00004
-148.49	205.06	0.00004	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00005
-212.13	141.42	0.00005	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00003	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00004
-127.28	212.13	0.00004	-134.35	205.06	0.00004
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

15:09:05  
 \*\*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	0.00006	-180.31	144.96	0.00006
-183.85	141.42	0.00006	-190.92	134.35	0.00006
-197.99	127.28	0.00006	-205.06	120.21	0.00006
-212.13	113.14	0.00005	-219.20	106.07	0.00005
-226.27	99.00	0.00005	-233.35	91.92	0.00005
-84.85	226.27	0.00004	-91.92	219.20	0.00004
-98.99	212.13	0.00004	-106.07	205.06	0.00005
-113.14	197.99	0.00005	-120.21	190.92	0.00005
-127.28	183.85	0.00005	-134.35	176.78	0.00005
-137.89	173.24	0.00006	-141.42	169.71	0.00006
-143.54	167.58	0.00006	-144.96	166.17	0.00006
-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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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	0.00007	-130.81	152.03	0.00007
-132.23	150.61	0.00007	-133.64	149.20	0.00007
-135.06	147.79	0.00007	-147.79	135.06	0.00007
-149.20	133.64	0.00007	-150.61	132.23	0.00007
-152.03	130.81	0.00007	-153.44	129.40	0.00007
-155.56	127.28	0.00007	-159.10	123.74	0.00007
-162.63	120.21	0.00007	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00006	-197.99	84.85	0.00006
-205.06	77.78	0.00006	-212.13	70.71	0.00006
-63.64	205.06	0.00004	-70.71	197.99	0.00005
-77.78	190.92	0.00005	-84.85	183.85	0.00005
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00007
-116.67	152.03	0.00007	-120.21	148.49	0.00007
-122.33	146.37	0.00007	-123.74	144.96	0.00007
-125.16	143.54	0.00007	-126.57	142.13	0.00007
-127.99	140.71	0.00007	-140.71	127.99	0.00008
-142.13	126.57	0.00008	-143.54	125.16	0.00008
-144.96	123.74	0.00008	-146.37	122.33	0.00008
-148.49	120.21	0.00008	-152.03	116.67	0.00008
-155.56	113.14	0.00008	-162.63	106.07	0.00007
-169.71	98.99	0.00007	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00006
-56.57	197.99	0.00004	-63.64	190.92	0.00005
-70.71	183.85	0.00005	-77.78	176.78	0.00006
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00008	-119.50	135.06	0.00008
-120.92	133.64	0.00008	-133.64	120.92	0.00008
-135.06	119.50	0.00008	-136.47	118.09	0.00008
-137.89	116.67	0.00008	-139.30	115.26	0.00008
-141.42	113.14	0.00008	-144.96	109.60	0.00008
-148.49	106.07	0.00008	-155.56	98.99	0.00008
-162.63	91.92	0.00008	-169.71	84.85	0.00007
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00007	-197.99	56.57	0.00007

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00004	-56.57	183.85	0.00005
-63.64	176.78	0.00005	-70.71	169.71	0.00006

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00006	-84.85	155.56	0.00007
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00008	-106.07	134.35	0.00008
-108.19	132.23	0.00008	-109.60	130.81	0.00008
-111.02	129.40	0.00008	-112.43	127.99	0.00008
-113.84	126.57	0.00008	-126.57	113.84	0.00009
-127.99	112.43	0.00009	-129.40	111.02	0.00009
-130.81	109.60	0.00009	-132.23	108.19	0.00009
-134.35	106.07	0.00009	-137.89	102.53	0.00009
-141.42	98.99	0.00009	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00007	-190.92	49.50	0.00007
-42.43	183.85	0.00004	-49.50	176.78	0.00005
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00007	-77.78	148.49	0.00007
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00008	-98.99	127.28	0.00008
-101.12	125.16	0.00009	-102.53	123.74	0.00009
-103.94	122.33	0.00009	-105.36	120.92	0.00009
-106.77	119.50	0.00009	-119.50	106.77	0.00009
-120.92	105.36	0.00010	-122.33	103.94	0.00010
-123.74	102.53	0.00010	-125.16	101.12	0.00010
-127.28	98.99	0.00010	-130.81	95.46	0.00009
-134.35	91.92	0.00009	-141.42	84.85	0.00009
-148.49	77.78	0.00009	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00005
-49.50	162.63	0.00006	-56.57	155.56	0.00007
-63.64	148.49	0.00007	-70.71	141.42	0.00008
-77.78	134.35	0.00008	-84.85	127.28	0.00009
-88.39	123.74	0.00009	-91.92	120.21	0.00009
-94.05	118.09	0.00009	-95.46	116.67	0.00009
-96.87	115.26	0.00009	-98.29	113.84	0.00010
-99.70	112.43	0.00010	-112.43	99.70	0.00010
-113.84	98.29	0.00010	-115.26	96.87	0.00010
-116.67	95.46	0.00010	-118.09	94.05	0.00010

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

\*\*\* 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

\*\*\*

16NCRA PL91-300 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	0.00010	-123.74	88.39	0.00010
-127.28	84.85	0.00010	-134.35	77.78	0.00010
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00009
-169.71	42.43	0.00008	-176.78	35.36	0.00008
-28.28	169.71	0.00005	-35.36	162.63	0.00005
-42.43	155.56	0.00006	-49.50	148.49	0.00007
-56.57	141.42	0.00008	-63.64	134.35	0.00008
-70.71	127.28	0.00009	-77.78	120.21	0.00009
-81.32	116.67	0.00009	-84.85	113.14	0.00010
-86.97	111.02	0.00010	-88.39	109.60	0.00010
-89.80	108.19	0.00010	-91.22	106.77	0.00010
-92.63	105.36	0.00010	-105.36	92.63	0.00011
-106.77	91.22	0.00011	-108.19	89.80	0.00011
-109.60	88.39	0.00011	-111.02	86.97	0.00011
-113.14	84.85	0.00011	-116.67	81.32	0.00011
-120.21	77.78	0.00011	-127.28	70.71	0.00010
-134.35	63.64	0.00010	-141.42	56.57	0.00010
-148.49	49.50	0.00010	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00005	-28.28	155.56	0.00006
-35.36	148.49	0.00006	-42.43	141.42	0.00007
-49.50	134.35	0.00008	-56.57	127.28	0.00009
-63.64	120.21	0.00009	-70.71	113.14	0.00010
-74.25	109.60	0.00010	-77.78	106.07	0.00011
-79.90	103.94	0.00011	-81.32	102.53	0.00011
-82.73	101.12	0.00011	-84.15	99.70	0.00011
-85.56	98.29	0.00011	-98.29	85.56	0.00012
-99.70	84.15	0.00012	-101.12	82.73	0.00012
-102.53	81.32	0.00012	-103.94	79.90	0.00012
-106.07	77.78	0.00012	-109.60	74.25	0.00012
-113.14	70.71	0.00012	-120.21	63.64	0.00011
-127.28	56.57	0.00011	-134.35	49.50	0.00011
-141.42	42.43	0.00010	-148.49	35.36	0.00010
-155.56	28.28	0.00010	-162.63	21.21	0.00009
-14.14	155.56	0.00005	-21.21	148.49	0.00006
-28.28	141.42	0.00007	-35.36	134.35	0.00008
-42.43	127.28	0.00009	-49.50	120.21	0.00009
-56.57	113.14	0.00010	-63.64	106.07	0.00011
-67.18	102.53	0.00011	-70.71	98.99	0.00011

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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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	0.00012	-74.25	95.46	0.00012
-75.66	94.05	0.00012	-77.07	92.63	0.00012
-78.49	91.22	0.00012	-91.22	78.49	0.00013
-92.63	77.07	0.00013	-94.05	75.66	0.00013
-95.46	74.25	0.00013	-96.87	72.83	0.00013
-98.99	70.71	0.00013	-102.53	67.18	0.00013
-106.07	63.64	0.00013	-113.14	56.57	0.00012
-120.21	49.50	0.00012	-127.28	42.43	0.00011
-134.35	35.36	0.00011	-141.42	28.28	0.00011
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00005	-14.14	141.42	0.00006
-21.21	134.35	0.00007	-28.28	127.28	0.00008
-35.36	120.21	0.00009	-42.43	113.14	0.00010
-49.50	106.07	0.00011	-56.57	98.99	0.00012
-60.10	95.46	0.00012	-63.64	91.92	0.00013
-65.76	89.80	0.00013	-67.18	88.39	0.00013
-68.59	86.97	0.00013	-70.00	85.56	0.00013
-71.42	84.15	0.00013	-84.15	71.42	0.00015
-85.56	70.00	0.00015	-86.97	68.59	0.00015
-88.39	67.18	0.00015	-89.80	65.76	0.00015
-91.92	63.64	0.00014	-95.46	60.10	0.00014
-98.99	56.57	0.00014	-106.07	49.50	0.00013
-113.14	42.43	0.00013	-120.21	35.36	0.00012
-127.28	28.28	0.00012	-134.35	21.21	0.00012
-141.42	14.14	0.00011	-148.49	7.07	0.00011
0.00	141.42	0.00006	-7.07	134.35	0.00006
-14.14	127.28	0.00007	-21.21	120.21	0.00008
-28.28	113.14	0.00010	-35.36	106.07	0.00011
-42.43	98.99	0.00012	-49.50	91.92	0.00013
-53.03	88.39	0.00013	-56.57	84.85	0.00014
-58.69	82.73	0.00014	-60.10	81.32	0.00014
-61.52	79.90	0.00014	-62.93	78.49	0.00015
-64.35	77.07	0.00015	-77.07	64.35	0.00016
-78.49	62.93	0.00016	-79.90	61.52	0.00016



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00016	-82.73	58.69	0.00016
-84.85	56.57	0.00016	-88.39	53.03	0.00016
-91.92	49.50	0.00015	-98.99	42.43	0.00015
-106.07	35.36	0.00014	-113.14	28.28	0.00014
-120.21	21.21	0.00013	-127.28	14.14	0.00013
-134.35	7.07	0.00012	-141.42	0.00	0.00011

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

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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	0.00006	0.00	127.28	0.00007
-7.07	120.21	0.00007	-14.14	113.14	0.00009
-21.21	106.07	0.00010	-28.28	98.99	0.00012
-35.36	91.92	0.00013	-42.43	84.85	0.00014
-45.96	81.32	0.00015	-49.50	77.78	0.00015
-51.62	75.66	0.00015	-53.03	74.25	0.00016
-54.45	72.83	0.00016	-55.86	71.42	0.00016
-57.28	70.00	0.00016	-70.00	57.28	0.00018
-71.42	55.86	0.00018	-72.83	54.45	0.00018
-74.25	53.03	0.00018	-75.66	51.62	0.00018
-77.78	49.50	0.00017	-81.32	45.96	0.00017
-84.85	42.43	0.00017	-91.92	35.36	0.00016
-98.99	28.28	0.00015	-106.07	21.21	0.00015
-113.14	14.14	0.00014	-120.21	7.07	0.00014
-127.28	0.00	0.00013	-134.35	-7.07	0.00012
14.14	127.28	0.00006	7.07	120.21	0.00007
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00011	-21.21	91.92	0.00012
-28.28	84.85	0.00014	-35.36	77.78	0.00016
-38.89	74.25	0.00016	-42.43	70.71	0.00017
-44.55	68.59	0.00017	-45.96	67.18	0.00017
-47.38	65.76	0.00018	-48.79	64.35	0.00018
-50.20	62.93	0.00018	-62.93	50.20	0.00020
-64.35	48.79	0.00020	-65.76	47.38	0.00020
-67.18	45.96	0.00020	-68.59	44.55	0.00020
-70.71	42.43	0.00019	-74.25	38.89	0.00019
-77.78	35.36	0.00018	-84.85	28.28	0.00018
-91.92	21.21	0.00017	-98.99	14.14	0.00016

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00016	-113.14	0.00	0.00015
-120.21	-7.07	0.00014	-127.28	-14.14	0.00013
21.21	120.21	0.00006	14.14	113.14	0.00007
7.07	106.07	0.00008	0.00	98.99	0.00009
-7.07	91.92	0.00011	-14.14	84.85	0.00013
-21.21	77.78	0.00015	-28.28	70.71	0.00017
-31.82	67.18	0.00018	-35.36	63.64	0.00019
-37.48	61.52	0.00019	-38.89	60.10	0.00019
-40.31	58.69	0.00020	-41.72	57.28	0.00020
-43.13	55.86	0.00020	-55.86	43.13	0.00022
-57.28	41.72	0.00022	-58.69	40.31	0.00022
-60.10	38.89	0.00022	-61.52	37.48	0.00022

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

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

15:09:05

\*\*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	0.00022	-67.18	31.82	0.00021
-70.71	28.28	0.00021	-77.78	21.21	0.00020
-84.85	14.14	0.00019	-91.92	7.07	0.00018
-98.99	0.00	0.00017	-106.07	-7.07	0.00016
-113.14	-14.14	0.00015	-120.21	-21.21	0.00013
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00009	7.07	91.92	0.00010
0.00	84.85	0.00012	-7.07	77.78	0.00014
-14.14	70.71	0.00017	-21.21	63.64	0.00019
-24.75	60.10	0.00020	-28.28	56.57	0.00021
-30.41	54.45	0.00021	-31.82	53.03	0.00022
-33.23	51.62	0.00022	-34.65	50.20	0.00023
-36.06	48.79	0.00023	-48.79	36.06	0.00025
-50.20	34.65	0.00025	-51.62	33.23	0.00025
-53.03	31.82	0.00025	-54.45	30.41	0.00025
-56.57	28.28	0.00024	-60.10	24.75	0.00024
-63.64	21.21	0.00023	-70.71	14.14	0.00022
-77.78	7.07	0.00021	-84.85	0.00	0.00020
-91.92	-7.07	0.00019	-98.99	-14.14	0.00017
-106.07	-21.21	0.00016	-113.14	-28.28	0.00014
35.36	106.07	0.00007	28.28	98.99	0.00008
21.21	91.92	0.00009	14.14	84.85	0.00011

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00013	0.00	70.71	0.00015
-7.07	63.64	0.00018	-14.14	56.57	0.00021
-17.68	53.03	0.00023	-21.21	49.50	0.00024
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00026
-28.99	41.72	0.00026	-41.72	28.99	0.00029
-43.13	27.58	0.00029	-44.55	26.16	0.00028
-45.96	24.75	0.00028	-47.38	23.33	0.00028
-49.50	21.21	0.00027	-53.03	17.68	0.00027
-56.57	14.14	0.00026	-63.64	7.07	0.00025
-70.71	0.00	0.00024	-77.78	-7.07	0.00022
-84.85	-14.14	0.00020	-91.92	-21.21	0.00018
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00007	35.36	91.92	0.00008
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00013	7.07	63.64	0.00016
0.00	56.57	0.00020	-7.07	49.50	0.00024
-10.61	45.96	0.00025	-14.14	42.43	0.00027

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

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

15:09:05  
 \*\*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	0.00028	-17.68	38.89	0.00028
-19.09	37.48	0.00029	-20.51	36.06	0.00029
-21.92	34.65	0.00030	-34.65	21.92	0.00033
-36.06	20.51	0.00033	-37.48	19.09	0.00033
-38.89	17.68	0.00032	-40.31	16.26	0.00032
-42.43	14.14	0.00031	-45.96	10.61	0.00030
-49.50	7.07	0.00029	-56.57	0.00	0.00028
-63.64	-7.07	0.00026	-70.71	-14.14	0.00024
-77.78	-21.21	0.00022	-84.85	-28.28	0.00020
-91.92	-35.36	0.00017	-98.99	-42.43	0.00015
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00012
21.21	63.64	0.00014	14.14	56.57	0.00017
7.07	49.50	0.00021	0.00	42.43	0.00026
-3.54	38.89	0.00029	-7.07	35.36	0.00031
-9.19	33.23	0.00032	-10.61	31.82	0.00033

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00033	-13.44	28.99	0.00034
-14.85	27.58	0.00035	-27.58	14.85	0.00038
-28.99	13.44	0.00038	-30.41	12.02	0.00038
-31.82	10.61	0.00037	-33.23	9.19	0.00037
-35.36	7.07	0.00036	-38.89	3.54	0.00035
-42.43	0.00	0.00034	-49.50	-7.07	0.00032
-56.57	-14.14	0.00030	-63.64	-21.21	0.00027
-70.71	-28.28	0.00024	-77.78	-35.36	0.00021
-84.85	-42.43	0.00018	-91.92	-49.50	0.00016
56.57	84.85	0.00008	49.50	77.78	0.00009
42.43	70.71	0.00011	35.36	63.64	0.00013
28.28	56.57	0.00015	21.21	49.50	0.00019
14.14	42.43	0.00023	7.07	35.36	0.00029
3.54	31.82	0.00032	0.00	28.28	0.00035
-2.12	26.16	0.00037	-3.54	24.75	0.00038
-4.95	23.33	0.00039	-6.36	21.92	0.00040
-7.78	20.51	0.00041	-20.51	7.78	0.00045
-21.92	6.36	0.00045	-23.33	4.95	0.00044
-24.75	3.54	0.00043	-26.16	2.12	0.00043
-28.28	0.00	0.00042	-31.82	-3.54	0.00040
-35.36	-7.07	0.00039	-42.43	-14.14	0.00036
-49.50	-21.21	0.00033	-56.57	-28.28	0.00029
-63.64	-35.36	0.00025	-70.71	-42.43	0.00022
-77.78	-49.50	0.00019	-84.85	-56.57	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00013
35.36	49.50	0.00016	28.28	42.43	0.00020
21.21	35.36	0.00025	14.14	28.28	0.00032
10.61	24.75	0.00037	7.07	21.21	0.00041
4.95	19.09	0.00043	3.54	17.68	0.00044
2.12	16.26	0.00046	0.71	14.85	0.00047
-0.71	13.44	0.00048	-13.44	0.71	0.00054
-14.85	-0.71	0.00053	-16.26	-2.12	0.00052
-17.68	-3.54	0.00051	-19.09	-4.95	0.00050

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00049	-24.75	-10.61	0.00047
-28.28	-14.14	0.00045	-35.36	-21.21	0.00041
-42.43	-28.28	0.00036	-49.50	-35.36	0.00031
-56.57	-42.43	0.00027	-63.64	-49.50	0.00023
-70.71	-56.57	0.00020	-77.78	-63.64	0.00017
70.71	70.71	0.00009	63.64	63.64	0.00011
56.57	56.57	0.00012	49.50	49.50	0.00014
42.43	42.43	0.00017	35.36	35.36	0.00021
28.28	28.28	0.00027	21.21	21.21	0.00036
17.68	17.68	0.00041	14.14	14.14	0.00047
12.02	12.02	0.00050	10.61	10.61	0.00053
9.19	9.19	0.00054	7.78	7.78	0.00056
6.36	6.36	0.00058	-6.36	-6.36	0.00064
-7.78	-7.78	0.00063	-9.19	-9.19	0.00062
-10.61	-10.61	0.00061	-12.02	-12.02	0.00060
-14.14	-14.14	0.00058	-17.68	-17.68	0.00056
-21.21	-21.21	0.00053	-28.28	-28.28	0.00046
-35.36	-35.36	0.00039	-42.43	-42.43	0.00033
-49.50	-49.50	0.00028	-56.57	-56.57	0.00024
-63.64	-63.64	0.00021	-70.71	-70.71	0.00018
77.78	63.64	0.00010	70.71	56.57	0.00011
63.64	49.50	0.00013	56.57	42.43	0.00016
49.50	35.36	0.00019	42.43	28.28	0.00023
35.36	21.21	0.00030	28.28	14.14	0.00040
24.75	10.61	0.00046	21.21	7.07	0.00054
19.09	4.95	0.00059	17.68	3.54	0.00062
16.26	2.12	0.00065	14.85	0.71	0.00068
13.44	-0.71	0.00071	0.71	-13.44	0.00078
-0.71	-14.85	0.00077	-2.12	-16.26	0.00075
-3.54	-17.68	0.00073	-4.95	-19.09	0.00072

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

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00070	-10.61	-24.75	0.00065
-14.14	-28.28	0.00061	-21.21	-35.36	0.00051
-28.28	-42.43	0.00042	-35.36	-49.50	0.00035
-42.43	-56.57	0.00030	-49.50	-63.64	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00021	-63.64	-77.78	0.00018
84.85	56.57	0.00011	77.78	49.50	0.00013
70.71	42.43	0.00015	63.64	35.36	0.00017
56.57	28.28	0.00020	49.50	21.21	0.00025
42.43	14.14	0.00032	35.36	7.07	0.00044
31.82	3.54	0.00052	28.28	0.00	0.00062
26.16	-2.12	0.00068	24.75	-3.54	0.00073
23.33	-4.95	0.00078	21.92	-6.36	0.00083
20.51	-7.78	0.00087	7.78	-20.51	0.00097
6.36	-21.92	0.00094	4.95	-23.33	0.00092
3.54	-24.75	0.00089	2.12	-26.16	0.00086
0.00	-28.28	0.00082	-3.54	-31.82	0.00075
-7.07	-35.36	0.00068	-14.14	-42.43	0.00055
-21.21	-49.50	0.00045	-28.28	-56.57	0.00037
-35.36	-63.64	0.00031	-42.43	-70.71	0.00026
-49.50	-77.78	0.00022	-56.57	-84.85	0.00019
91.92	49.50	0.00012	84.85	42.43	0.00014
77.78	35.36	0.00016	70.71	28.28	0.00019
63.64	21.21	0.00023	56.57	14.14	0.00028
49.50	7.07	0.00036	42.43	0.00	0.00048
38.89	-3.54	0.00057	35.36	-7.07	0.00069
33.23	-9.19	0.00078	31.82	-10.61	0.00085
30.41	-12.02	0.00092	28.99	-13.44	0.00099
27.58	-14.85	0.00107	14.85	-27.58	0.00119
13.44	-28.99	0.00115	12.02	-30.41	0.00110
10.61	-31.82	0.00105	9.19	-33.23	0.00100
7.07	-35.36	0.00093	3.54	-38.89	0.00083
0.00	-42.43	0.00074	-7.07	-49.50	0.00059
-14.14	-56.57	0.00048	-21.21	-63.64	0.00039
-28.28	-70.71	0.00032	-35.36	-77.78	0.00027
-42.43	-84.85	0.00023	-49.50	-91.92	0.00020
98.99	42.43	0.00013	91.92	35.36	0.00015
84.85	28.28	0.00017	77.78	21.21	0.00021
70.71	14.14	0.00025	63.64	7.07	0.00032
56.57	0.00	0.00041	49.50	-7.07	0.00055
45.96	-10.61	0.00066	42.43	-14.14	0.00079

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

16NCRA\_PL91-300\_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	0.00090	38.89	-17.68	0.00097
37.48	-19.09	0.00106	36.06	-20.51	0.00116
34.65	-21.92	0.00127	21.92	-34.65	0.00142
20.51	-36.06	0.00132	19.09	-37.48	0.00124
17.68	-38.89	0.00117	16.26	-40.31	0.00110
14.14	-42.43	0.00101	10.61	-45.96	0.00089
7.07	-49.50	0.00079	0.00	-56.57	0.00063
-7.07	-63.64	0.00051	-14.14	-70.71	0.00042
-21.21	-77.78	0.00035	-28.28	-84.85	0.00029
-35.36	-91.92	0.00025	-42.43	-98.99	0.00022
106.07	35.36	0.00014	98.99	28.28	0.00016
91.92	21.21	0.00019	84.85	14.14	0.00023
77.78	7.07	0.00028	70.71	0.00	0.00035
63.64	-7.07	0.00046	56.57	-14.14	0.00063
53.03	-17.68	0.00076	49.50	-21.21	0.00093
47.38	-23.33	0.00106	45.96	-24.75	0.00117
44.55	-26.16	0.00129	43.13	-27.58	0.00144
41.72	-28.99	0.00165	28.99	-41.72	0.00165
27.58	-43.13	0.00151	26.16	-44.55	0.00140
24.75	-45.96	0.00130	23.33	-47.38	0.00123
21.21	-49.50	0.00112	17.68	-53.03	0.00099
14.14	-56.57	0.00087	7.07	-63.64	0.00069
0.00	-70.71	0.00056	-7.07	-77.78	0.00045
-14.14	-84.85	0.00038	-21.21	-91.92	0.00032
-28.28	-98.99	0.00027	-35.36	-106.07	0.00024
113.14	28.28	0.00015	106.07	21.21	0.00017
98.99	14.14	0.00021	91.92	7.07	0.00025
84.85	0.00	0.00031	77.78	-7.07	0.00040
70.71	-14.14	0.00054	63.64	-21.21	0.00077
60.10	-24.75	0.00097	56.57	-28.28	0.00127
54.45	-30.41	0.00153	53.03	-31.82	0.00175
51.62	-33.23	0.00204	50.20	-34.65	0.00243
48.79	-36.06	0.00296	36.06	-48.79	0.00208
34.65	-50.20	0.00182	33.23	-51.62	0.00163
31.82	-53.03	0.00149	30.41	-54.45	0.00138
28.28	-56.57	0.00124	24.75	-60.10	0.00107
21.21	-63.64	0.00094	14.14	-70.71	0.00074
7.07	-77.78	0.00059	0.00	-84.85	0.00048
-7.07	-91.92	0.00040	-14.14	-98.99	0.00034
-21.21	-106.07	0.00029	-28.28	-113.14	0.00025

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05  
 \*\*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	0.00016	113.14	14.14	0.00019	
106.07	7.07	0.00023	98.99	0.00	0.00028	
91.92	-7.07	0.00036	84.85	-14.14	0.00048	
77.78	-21.21	0.00067	70.71	-28.28	0.00104	
67.18	-31.82	0.00136	63.64	-35.36	0.00188	
61.52	-37.48	0.00233	60.10	-38.89	0.00271	
58.69	-40.31	0.00317	57.28	-41.72	0.00374	
55.86	-43.13	0.00446	43.13	-55.86	0.00265	
41.72	-57.28	0.00227	40.31	-58.69	0.00200	
38.89	-60.10	0.00179	37.48	-61.52	0.00162	
35.36	-63.64	0.00143	31.82	-67.18	0.00119	
28.28	-70.71	0.00102	21.21	-77.78	0.00078	
14.14	-84.85	0.00063	7.07	-91.92	0.00051	
0.00	-98.99	0.00043	-7.07	-106.07	0.00036	
-14.14	-113.14	0.00031	-21.21	-120.21	0.00027	
127.28	14.14	0.00018	120.21	7.07	0.00021	
113.14	0.00	0.00026	106.07	-7.07	0.00033	
98.99	-14.14	0.00043	91.92	-21.21	0.00059	
84.85	-28.28	0.00086	77.78	-35.36	0.00141	
74.25	-38.89	0.00188	70.71	-42.43	0.00258	
68.59	-44.55	0.00317	67.18	-45.96	0.00365	
65.76	-47.38	0.00422	64.35	-48.79	0.00489	
62.93	-50.20	0.00569	50.20	-62.93	0.00319	
48.79	-64.35	0.00274	47.38	-65.76	0.00239	
45.96	-67.18	0.00212	44.55	-68.59	0.00191	
42.43	-70.71	0.00165	38.89	-74.25	0.00134	
35.36	-77.78	0.00112	28.28	-84.85	0.00083	
21.21	-91.92	0.00066	14.14	-98.99	0.00054	
7.07	-106.07	0.00045	0.00	-113.14	0.00038	
-7.07	-120.21	0.00032	-14.14	-127.28	0.00028	
134.35	7.07	0.00019	127.28	0.00	0.00024	
120.21	-7.07	0.00030	113.14	-14.14	0.00039	
106.07	-21.21	0.00052	98.99	-28.28	0.00073	
91.92	-35.36	0.00110	84.85	-42.43	0.00182	
81.32	-45.96	0.00240	77.78	-49.50	0.00324	
75.66	-51.62	0.00391	74.25	-53.03	0.00445	



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00508	71.42	-55.86	0.00580
70.00	-57.28	0.00663	57.28	-70.00	0.00365
55.86	-71.42	0.00314	54.45	-72.83	0.00275
53.03	-74.25	0.00243	51.62	-75.66	0.00218

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00187	45.96	-81.32	0.00149
42.43	-84.85	0.00123	35.36	-91.92	0.00090
28.28	-98.99	0.00070	21.21	-106.07	0.00056
14.14	-113.14	0.00047	7.07	-120.21	0.00039
0.00	-127.28	0.00033	-7.07	-134.35	0.00029
141.42	0.00	0.00022	134.35	-7.07	0.00027
127.28	-14.14	0.00034	120.21	-21.21	0.00045
113.14	-28.28	0.00062	106.07	-35.36	0.00089
98.99	-42.43	0.00136	91.92	-49.50	0.00221
88.39	-53.03	0.00288	84.85	-56.57	0.00381
82.73	-58.69	0.00453	81.32	-60.10	0.00510
79.90	-61.52	0.00574	78.49	-62.93	0.00647
77.07	-64.35	0.00730	64.35	-77.07	0.00400
62.93	-78.49	0.00344	61.52	-79.90	0.00302
60.10	-81.32	0.00268	58.69	-82.73	0.00240
56.57	-84.85	0.00206	53.03	-88.39	0.00164
49.50	-91.92	0.00134	42.43	-98.99	0.00098
35.36	-106.07	0.00075	28.28	-113.14	0.00059
21.21	-120.21	0.00048	14.14	-127.28	0.00041
7.07	-134.35	0.00035	0.00	-141.42	0.00030
148.49	-7.07	0.00024	141.42	-14.14	0.00030
134.35	-21.21	0.00039	127.28	-28.28	0.00052
120.21	-35.36	0.00073	113.14	-42.43	0.00106
106.07	-49.50	0.00162	98.99	-56.57	0.00257
95.46	-60.10	0.00329	91.92	-63.64	0.00427
89.80	-65.76	0.00502	88.39	-67.18	0.00559
86.97	-68.59	0.00623	85.56	-70.00	0.00694
84.15	-71.42	0.00776	71.42	-84.15	0.00422
70.00	-85.56	0.00364	68.59	-86.97	0.00320
67.18	-88.39	0.00284	65.76	-89.80	0.00255

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00220	60.10	-95.46	0.00176
56.57	-98.99	0.00145	49.50	-106.07	0.00105
42.43	-113.14	0.00080	35.36	-120.21	0.00063
28.28	-127.28	0.00051	21.21	-134.35	0.00042
14.14	-141.42	0.00036	7.07	-148.49	0.00031
155.56	-14.14	0.00027	148.49	-21.21	0.00034
141.42	-28.28	0.00045	134.35	-35.36	0.00060
127.28	-42.43	0.00085	120.21	-49.50	0.00123
113.14	-56.57	0.00184	106.07	-63.64	0.00287
102.53	-67.18	0.00364	98.99	-70.71	0.00465

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
96.87	-72.83	0.00539	95.46	-74.25	0.00596
94.05	-75.66	0.00658	92.63	-77.07	0.00727
91.22	-78.49	0.00805	78.49	-91.22	0.00433
77.07	-92.63	0.00374	75.66	-94.05	0.00330
74.25	-95.46	0.00295	72.83	-96.87	0.00266
70.71	-98.99	0.00231	67.18	-102.53	0.00187
63.64	-106.07	0.00155	56.57	-113.14	0.00112
49.50	-120.21	0.00085	42.43	-127.28	0.00067
35.36	-134.35	0.00054	28.28	-141.42	0.00044
21.21	-148.49	0.00036	14.14	-155.56	0.00031
162.63	-21.21	0.00030	155.56	-28.28	0.00039
148.49	-35.36	0.00051	141.42	-42.43	0.00069
134.35	-49.50	0.00096	127.28	-56.57	0.00138
120.21	-63.64	0.00204	113.14	-70.71	0.00311
109.60	-74.25	0.00390	106.07	-77.78	0.00492
103.94	-79.90	0.00566	102.53	-81.32	0.00622
101.12	-82.73	0.00683	99.70	-84.15	0.00750
98.29	-85.56	0.00824	85.56	-98.29	0.00437
84.15	-99.70	0.00382	82.73	-101.12	0.00339
81.32	-102.53	0.00306	79.90	-103.94	0.00277
77.78	-106.07	0.00242	74.25	-109.60	0.00197
70.71	-113.14	0.00164	63.64	-120.21	0.00118
56.57	-127.28	0.00088	49.50	-134.35	0.00068
42.43	-141.42	0.00055	35.36	-148.49	0.00044

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00037	21.21	-162.63	0.00031
169.71	-28.28	0.00034	162.63	-35.36	0.00044
155.56	-42.43	0.00058	148.49	-49.50	0.00078
141.42	-56.57	0.00107	134.35	-63.64	0.00152
127.28	-70.71	0.00220	120.21	-77.78	0.00330
116.67	-81.32	0.00409	113.14	-84.85	0.00508
111.02	-86.97	0.00580	109.60	-88.39	0.00633
108.19	-89.80	0.00691	106.77	-91.22	0.00753
105.36	-92.63	0.00817	92.63	-105.36	0.00435
91.22	-106.77	0.00384	89.80	-108.19	0.00343
88.39	-109.60	0.00309	86.97	-111.02	0.00281
84.85	-113.14	0.00246	81.32	-116.67	0.00202
77.78	-120.21	0.00168	70.71	-127.28	0.00121
63.64	-134.35	0.00090	56.57	-141.42	0.00069
49.50	-148.49	0.00055	42.43	-155.56	0.00045
35.36	-162.63	0.00037	28.28	-169.71	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00038	169.71	-42.43	0.00049
162.63	-49.50	0.00064	155.56	-56.57	0.00086
148.49	-63.64	0.00117	141.42	-70.71	0.00162
134.35	-77.78	0.00232	127.28	-84.85	0.00338
123.74	-88.39	0.00411	120.21	-91.92	0.00499
118.09	-94.05	0.00559	116.67	-95.46	0.00600
115.26	-96.87	0.00640	113.84	-98.29	0.00678
112.43	-99.70	0.00709	99.70	-112.43	0.00405
98.29	-113.84	0.00367	96.87	-115.26	0.00334
95.46	-116.67	0.00305	94.05	-118.09	0.00280
91.92	-120.21	0.00247	88.39	-123.74	0.00203
84.85	-127.28	0.00170	77.78	-134.35	0.00122
70.71	-141.42	0.00091	63.64	-148.49	0.00070
56.57	-155.56	0.00056	49.50	-162.63	0.00045
42.43	-169.71	0.00037	35.36	-176.78	0.00031
183.85	-42.43	0.00042	176.78	-49.50	0.00054
169.71	-56.57	0.00070	162.63	-63.64	0.00092
155.56	-70.71	0.00124	148.49	-77.78	0.00169

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00235	134.35	-91.92	0.00331
130.81	-95.46	0.00392	127.28	-98.99	0.00458
125.16	-101.12	0.00498	123.74	-102.53	0.00523
122.33	-103.94	0.00546	120.92	-105.36	0.00564
119.50	-106.77	0.00575	106.77	-119.50	0.00360
105.36	-120.92	0.00332	103.94	-122.33	0.00307
102.53	-123.74	0.00285	101.12	-125.16	0.00265
98.99	-127.28	0.00237	95.46	-130.81	0.00199
91.92	-134.35	0.00169	84.85	-141.42	0.00123
77.78	-148.49	0.00092	70.71	-155.56	0.00071
63.64	-162.63	0.00056	56.57	-169.71	0.00045
49.50	-176.78	0.00037	42.43	-183.85	0.00031
190.92	-49.50	0.00045	183.85	-56.57	0.00058
176.78	-63.64	0.00074	169.71	-70.71	0.00097
162.63	-77.78	0.00128	155.56	-84.85	0.00171
148.49	-91.92	0.00231	141.42	-98.99	0.00310
137.89	-102.53	0.00356	134.35	-106.07	0.00402
132.23	-108.19	0.00427	130.81	-109.60	0.00442
129.40	-111.02	0.00453	127.99	-112.43	0.00461
126.57	-113.84	0.00463	113.84	-126.57	0.00311
112.43	-127.99	0.00292	111.02	-129.40	0.00274
109.60	-130.81	0.00257	108.19	-132.23	0.00241

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	0.00220	102.53	-137.89	0.00188
98.99	-141.42	0.00162	91.92	-148.49	0.00122
84.85	-155.56	0.00093	77.78	-162.63	0.00072
70.71	-169.71	0.00056	63.64	-176.78	0.00045
56.57	-183.85	0.00037	49.50	-190.92	0.00031
197.99	-56.57	0.00048	190.92	-63.64	0.00061
183.85	-70.71	0.00078	176.78	-77.78	0.00100
169.71	-84.85	0.00129	162.63	-91.92	0.00169
155.56	-98.99	0.00220	148.49	-106.07	0.00282
144.96	-109.60	0.00316	141.42	-113.14	0.00347
139.30	-115.26	0.00362	137.89	-116.67	0.00370
136.47	-118.09	0.00375	135.06	-119.50	0.00377

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00376	120.92	-133.64	0.00268
119.50	-135.06	0.00253	118.09	-136.47	0.00240
116.67	-137.89	0.00227	115.26	-139.30	0.00215
113.14	-141.42	0.00199	109.60	-144.96	0.00174
106.07	-148.49	0.00152	98.99	-155.56	0.00117
91.92	-162.63	0.00091	84.85	-169.71	0.00072
77.78	-176.78	0.00057	70.71	-183.85	0.00046
63.64	-190.92	0.00038	56.57	-197.99	0.00031
205.06	-63.64	0.00051	197.99	-70.71	0.00063
190.92	-77.78	0.00080	183.85	-84.85	0.00101
176.78	-91.92	0.00128	169.71	-98.99	0.00162
162.63	-106.07	0.00205	155.56	-113.14	0.00253
152.03	-116.67	0.00277	148.49	-120.21	0.00298
146.37	-122.33	0.00307	144.96	-123.74	0.00310
143.54	-125.16	0.00312	142.13	-126.57	0.00312
140.71	-127.99	0.00310	127.99	-140.71	0.00230
126.57	-142.13	0.00220	125.16	-143.54	0.00209
123.74	-144.96	0.00200	122.33	-146.37	0.00191
120.21	-148.49	0.00178	116.67	-152.03	0.00158
113.14	-155.56	0.00141	106.07	-162.63	0.00111
98.99	-169.71	0.00088	91.92	-176.78	0.00070
84.85	-183.85	0.00057	77.78	-190.92	0.00046
70.71	-197.99	0.00038	63.64	-205.06	0.00032
212.13	-70.71	0.00053	205.06	-77.78	0.00065
197.99	-84.85	0.00080	190.92	-91.92	0.00100
183.85	-98.99	0.00124	176.78	-106.07	0.00154
169.71	-113.14	0.00188	162.63	-120.21	0.00226
159.10	-123.74	0.00243	155.56	-127.28	0.00256

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

\*\*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
153.44	-129.40	0.00260	152.03	-130.81	0.00262
150.61	-132.23	0.00262	149.20	-133.64	0.00261
147.79	-135.06	0.00258	135.06	-147.79	0.00199
133.64	-149.20	0.00191	132.23	-150.61	0.00183
130.81	-152.03	0.00176	129.40	-153.44	0.00168
127.28	-155.56	0.00158	123.74	-159.10	0.00143

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00129	113.14	-169.71	0.00105
106.07	-176.78	0.00084	98.99	-183.85	0.00068
91.92	-190.92	0.00056	84.85	-197.99	0.00046
77.78	-205.06	0.00038	70.71	-212.13	0.00032
219.20	-77.78	0.00054	212.13	-84.85	0.00066
205.06	-91.92	0.00080	197.99	-98.99	0.00098
190.92	-106.07	0.00119	183.85	-113.14	0.00144
176.78	-120.21	0.00172	169.71	-127.28	0.00201
166.17	-130.81	0.00213	162.63	-134.35	0.00221
160.51	-136.47	0.00223	159.10	-137.89	0.00223
157.68	-139.30	0.00223	156.27	-140.71	0.00221
154.86	-142.13	0.00219	142.13	-154.86	0.00173
140.71	-156.27	0.00167	139.30	-157.68	0.00161
137.89	-159.10	0.00155	136.47	-160.51	0.00149
134.35	-162.63	0.00141	130.81	-166.17	0.00128
127.28	-169.71	0.00117	120.21	-176.78	0.00097
113.14	-183.85	0.00080	106.07	-190.92	0.00066
98.99	-197.99	0.00054	91.92	-205.06	0.00045
84.85	-212.13	0.00038	77.78	-219.20	0.00032
226.27	-84.85	0.00055	219.20	-91.92	0.00066
212.13	-98.99	0.00079	205.06	-106.07	0.00094
197.99	-113.14	0.00113	190.92	-120.21	0.00134
183.85	-127.28	0.00157	176.78	-134.35	0.00179
173.24	-137.89	0.00187	169.71	-141.42	0.00191
167.58	-143.54	0.00192	166.17	-144.96	0.00192
164.76	-146.37	0.00191	163.34	-147.79	0.00189
161.93	-149.20	0.00187	149.20	-161.93	0.00151
147.79	-163.34	0.00146	146.37	-164.76	0.00142
144.96	-166.17	0.00137	143.54	-167.58	0.00133
141.42	-169.71	0.00126	137.89	-173.24	0.00116
134.35	-176.78	0.00106	127.28	-183.85	0.00090
120.21	-190.92	0.00076	113.14	-197.99	0.00063
106.07	-205.06	0.00053	98.99	-212.13	0.00044
91.92	-219.20	0.00037	84.85	-226.27	0.00032

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

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

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00055	226.27	-98.99	0.00065
219.20	-106.07	0.00076	212.13	-113.14	0.00090
205.06	-120.21	0.00106	197.99	-127.28	0.00124
190.92	-134.35	0.00143	183.85	-141.42	0.00159
180.31	-144.96	0.00164	176.78	-148.49	0.00167
174.66	-150.61	0.00167	173.24	-152.03	0.00166
171.83	-153.44	0.00165	170.41	-154.86	0.00164
169.00	-156.27	0.00162	156.27	-169.00	0.00133
154.86	-170.41	0.00129	153.44	-171.83	0.00126
152.03	-173.24	0.00122	150.61	-174.66	0.00118
148.49	-176.78	0.00113	144.96	-180.31	0.00105
141.42	-183.85	0.00097	134.35	-190.92	0.00083
127.28	-197.99	0.00071	120.21	-205.06	0.00060
113.14	-212.13	0.00051	106.07	-219.20	0.00043
98.99	-226.27	0.00037	91.92	-233.35	0.00031
240.42	-98.99	0.00054	233.35	-106.07	0.00063
226.27	-113.14	0.00074	219.20	-120.21	0.00086
212.13	-127.28	0.00100	205.06	-134.35	0.00115
197.99	-141.42	0.00130	190.92	-148.49	0.00142
187.38	-152.03	0.00145	183.85	-155.56	0.00147
181.73	-157.68	0.00146	180.31	-159.10	0.00146
178.90	-160.51	0.00145	177.48	-161.93	0.00143
176.07	-163.34	0.00142	163.34	-176.07	0.00118
161.93	-177.48	0.00115	160.51	-178.90	0.00112
159.10	-180.31	0.00109	157.68	-181.73	0.00106
155.56	-183.85	0.00102	152.03	-187.38	0.00095
148.49	-190.92	0.00088	141.42	-197.99	0.00076
134.35	-205.06	0.00066	127.28	-212.13	0.00057
120.21	-219.20	0.00049	113.14	-226.27	0.00042
106.07	-233.35	0.00036	98.99	-240.42	0.00031
247.49	-106.07	0.00053	240.42	-113.14	0.00061
233.35	-120.21	0.00071	226.27	-127.28	0.00081
219.20	-134.35	0.00094	212.13	-141.42	0.00106
205.06	-148.49	0.00118	197.99	-155.56	0.00127
194.45	-159.10	0.00129	190.92	-162.63	0.00130
188.80	-164.76	0.00129	187.38	-166.17	0.00128
185.97	-167.58	0.00127	184.55	-169.00	0.00126
183.14	-170.41	0.00125	170.41	-183.14	0.00105
169.00	-184.55	0.00103	167.58	-185.97	0.00101
166.17	-187.38	0.00098	164.76	-188.80	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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	
162.63	-190.92	0.00092	159.10	-194.45	0.00086	
155.56	-197.99	0.00081	148.49	-205.06	0.00071	
141.42	-212.13	0.00062	134.35	-219.20	0.00054	
127.28	-226.27	0.00047	120.21	-233.35	0.00040	
113.14	-240.42	0.00035	106.07	-247.49	0.00030	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:09:05  
 \*\*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	0.00004	-113.14	240.42	0.00005	
-120.21	233.35	0.00006	-127.28	226.27	0.00006	
-134.35	219.20	0.00007	-141.42	212.13	0.00007	
-148.49	205.06	0.00008	-155.56	197.99	0.00008	
-159.10	194.45	0.00008	-162.63	190.92	0.00008	
-164.76	188.80	0.00009	-166.17	187.38	0.00009	
-167.58	185.97	0.00009	-169.00	184.55	0.00009	
-170.41	183.14	0.00009	-183.14	170.41	0.00009	
-184.55	169.00	0.00010	-185.97	167.58	0.00010	
-187.38	166.17	0.00010	-188.80	164.76	0.00010	
-190.92	162.63	0.00010	-194.45	159.10	0.00009	
-197.99	155.56	0.00009	-205.06	148.49	0.00009	
-212.13	141.42	0.00009	-219.20	134.35	0.00008	
-226.27	127.28	0.00008	-233.35	120.21	0.00008	
-240.42	113.14	0.00008	-247.49	106.07	0.00008	
-98.99	240.42	0.00005	-106.07	233.35	0.00005	
-113.14	226.27	0.00006	-120.21	219.20	0.00007	
-127.28	212.13	0.00007	-134.35	205.06	0.00008	
-141.42	197.99	0.00008	-148.49	190.92	0.00009	
-152.03	187.38	0.00009	-155.56	183.85	0.00009	
-157.68	181.73	0.00009	-159.10	180.31	0.00009	
-160.51	178.90	0.00009	-161.93	177.48	0.00010	
-163.34	176.07	0.00010	-176.07	163.34	0.00010	



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* 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
-176.78	148.49	0.00011	-180.31	144.96	0.00011
-183.85	141.42	0.00011	-190.92	134.35	0.00010
-197.99	127.28	0.00010	-205.06	120.21	0.00010
-212.13	113.14	0.00010	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00005	-91.92	219.20	0.00006
-98.99	212.13	0.00006	-106.07	205.06	0.00007
-113.14	197.99	0.00008	-120.21	190.92	0.00009
-127.28	183.85	0.00009	-134.35	176.78	0.00010
-137.89	173.24	0.00010	-141.42	169.71	0.00011
-143.54	167.58	0.00011	-144.96	166.17	0.00011
-146.37	164.76	0.00011	-147.79	163.34	0.00011
-149.20	161.93	0.00011	-161.93	149.20	0.00012
-163.34	147.79	0.00012	-164.76	146.37	0.00012
-166.17	144.96	0.00012	-167.58	143.54	0.00012
-169.71	141.42	0.00012	-173.24	137.89	0.00012
-176.78	134.35	0.00012	-183.85	127.28	0.00011

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	120.21	0.00011	-197.99	113.14	0.00011
-205.06	106.07	0.00010	-212.13	99.00	0.00010
-219.20	91.92	0.00010	-226.27	84.85	0.00009
-77.78	219.20	0.00005	-84.85	212.13	0.00006
-91.92	205.06	0.00007	-98.99	197.99	0.00008
-106.07	190.92	0.00009	-113.14	183.85	0.00009
-120.21	176.78	0.00010	-127.28	169.71	0.00011
-130.81	166.17	0.00011	-134.35	162.63	0.00011
-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	0.00013
-156.27	140.71	0.00013	-157.68	139.30	0.00013
-159.10	137.89	0.00013	-160.51	136.47	0.00013
-162.63	134.35	0.00013	-166.17	130.81	0.00013
-169.71	127.28	0.00013	-176.78	120.21	0.00012
-183.85	113.14	0.00012	-190.92	106.07	0.00011
-197.99	99.00	0.00011	-205.06	91.92	0.00011
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00005	-77.78	205.06	0.00006
-84.85	197.99	0.00007	-91.92	190.92	0.00008
-98.99	183.85	0.00009	-106.07	176.78	0.00010
-113.14	169.71	0.00011	-120.21	162.63	0.00012
-123.74	159.10	0.00012	-127.28	155.56	0.00013

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

15:09:05  
 \*\*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
-129.40	153.44	0.00013	-130.81	152.03	0.00013
-132.23	150.61	0.00013	-133.64	149.20	0.00013
-135.06	147.79	0.00013	-147.79	135.06	0.00015
-149.20	133.64	0.00015	-150.61	132.23	0.00015
-152.03	130.81	0.00015	-153.44	129.40	0.00015
-155.56	127.28	0.00014	-159.10	123.74	0.00014
-162.63	120.21	0.00014	-169.71	113.14	0.00013
-176.78	106.07	0.00013	-183.85	98.99	0.00012
-190.92	91.92	0.00012	-197.99	84.85	0.00012
-205.06	77.78	0.00011	-212.13	70.71	0.00011
-63.64	205.06	0.00006	-70.71	197.99	0.00006

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

15:09:05

\*\*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	190.92	0.00006	-56.57	183.85	0.00007
-63.64	176.78	0.00008	-70.71	169.71	0.00009
-77.78	162.63	0.00011	-84.85	155.56	0.00012
-91.92	148.49	0.00014	-98.99	141.42	0.00016
-102.53	137.89	0.00016	-106.07	134.35	0.00017

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:09:05  
 \*\*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      \*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00024	-123.74	88.39	0.00024
-127.28	84.85	0.00023	-134.35	77.78	0.00022
-141.42	70.71	0.00021	-148.49	63.64	0.00020
-155.56	56.57	0.00019	-162.63	49.50	0.00017
-169.71	42.43	0.00016	-176.78	35.36	0.00014
-28.28	169.71	0.00007	-35.36	162.63	0.00008
-42.43	155.56	0.00009	-49.50	148.49	0.00011
-56.57	141.42	0.00013	-63.64	134.35	0.00015
-70.71	127.28	0.00018	-77.78	120.21	0.00021
-81.32	116.67	0.00023	-84.85	113.14	0.00024
-86.97	111.02	0.00024	-88.39	109.60	0.00025
-89.80	108.19	0.00025	-91.22	106.77	0.00026
-92.63	105.36	0.00026	-105.36	92.63	0.00029
-106.77	91.22	0.00029	-108.19	89.80	0.00028
-109.60	88.39	0.00028	-111.02	86.97	0.00028
-113.14	84.85	0.00027	-116.67	81.32	0.00027
-120.21	77.78	0.00026	-127.28	70.71	0.00025
-134.35	63.64	0.00024	-141.42	56.57	0.00022
-148.49	49.50	0.00020	-155.56	42.43	0.00018
-162.63	35.36	0.00016	-169.71	28.28	0.00015
-21.21	162.63	0.00007	-28.28	155.56	0.00008
-35.36	148.49	0.00010	-42.43	141.42	0.00011
-49.50	134.35	0.00013	-56.57	127.28	0.00016
-63.64	120.21	0.00020	-70.71	113.14	0.00024
-74.25	109.60	0.00025	-77.78	106.07	0.00027
-79.90	103.94	0.00028	-81.32	102.53	0.00028
-82.73	101.12	0.00029	-84.15	99.70	0.00029
-85.56	98.29	0.00030	-98.29	85.56	0.00033
-99.70	84.15	0.00033	-101.12	82.73	0.00033
-102.53	81.32	0.00032	-103.94	79.90	0.00032
-106.07	77.78	0.00031	-109.60	74.25	0.00030
-113.14	70.71	0.00029	-120.21	63.64	0.00028
-127.28	56.57	0.00026	-134.35	49.50	0.00024
-141.42	42.43	0.00022	-148.49	35.36	0.00020
-155.56	28.28	0.00017	-162.63	21.21	0.00015
-14.14	155.56	0.00008	-21.21	148.49	0.00009
-28.28	141.42	0.00010	-35.36	134.35	0.00012
-42.43	127.28	0.00014	-49.50	120.21	0.00017
-56.57	113.14	0.00021	-63.64	106.07	0.00026
-67.18	102.53	0.00029	-70.71	98.99	0.00031

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05

\*\*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	0.00032	-74.25	95.46	0.00033
-75.66	94.05	0.00033	-77.07	92.63	0.00034
-78.49	91.22	0.00035	-91.22	78.49	0.00038
-92.63	77.07	0.00038	-94.05	75.66	0.00038
-95.46	74.25	0.00037	-96.87	72.83	0.00037
-98.99	70.71	0.00036	-102.53	67.18	0.00035
-106.07	63.64	0.00034	-113.14	56.57	0.00032
-120.21	49.50	0.00030	-127.28	42.43	0.00027
-134.35	35.36	0.00024	-141.42	28.28	0.00021
-148.49	21.21	0.00018	-155.56	14.14	0.00016
-7.07	148.49	0.00008	-14.14	141.42	0.00009
-21.21	134.35	0.00011	-28.28	127.28	0.00013
-35.36	120.21	0.00015	-42.43	113.14	0.00019
-49.50	106.07	0.00023	-56.57	98.99	0.00029
-60.10	95.46	0.00032	-63.64	91.92	0.00035
-65.76	89.80	0.00037	-67.18	88.39	0.00038
-68.59	86.97	0.00039	-70.00	85.56	0.00040
-71.42	84.15	0.00041	-84.15	71.42	0.00045
-85.56	70.00	0.00045	-86.97	68.59	0.00044
-88.39	67.18	0.00043	-89.80	65.76	0.00043
-91.92	63.64	0.00042	-95.46	60.10	0.00040
-98.99	56.57	0.00039	-106.07	49.50	0.00036
-113.14	42.43	0.00033	-120.21	35.36	0.00029
-127.28	28.28	0.00025	-134.35	21.21	0.00022
-141.42	14.14	0.00019	-148.49	7.07	0.00017
0.00	141.42	0.00009	-7.07	134.35	0.00010
-14.14	127.28	0.00011	-21.21	120.21	0.00013
-28.28	113.14	0.00016	-35.36	106.07	0.00020
-42.43	98.99	0.00025	-49.50	91.92	0.00032
-53.03	88.39	0.00037	-56.57	84.85	0.00041
-58.69	82.73	0.00043	-60.10	81.32	0.00044
-61.52	79.90	0.00046	-62.93	78.49	0.00047
-64.35	77.07	0.00048	-77.07	64.35	0.00054
-78.49	62.93	0.00053	-79.90	61.52	0.00052
-81.32	60.10	0.00051	-82.73	58.69	0.00050
-84.85	56.57	0.00049	-88.39	53.03	0.00047
-91.92	49.50	0.00045	-98.99	42.43	0.00041

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00036	-113.14	28.28	0.00031
-120.21	21.21	0.00027	-127.28	14.14	0.00023
-134.35	7.07	0.00020	-141.42	0.00	0.00017

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

15:09:05

\*\*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\_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	0.00009	0.00	127.28	0.00011
-7.07	120.21	0.00012	-14.14	113.14	0.00014
-21.21	106.07	0.00017	-28.28	98.99	0.00021
-35.36	91.92	0.00027	-42.43	84.85	0.00036
-45.96	81.32	0.00041	-49.50	77.78	0.00047
-51.62	75.66	0.00050	-53.03	74.25	0.00053
-54.45	72.83	0.00054	-55.86	71.42	0.00056
-57.28	70.00	0.00058	-70.00	57.28	0.00064
-71.42	55.86	0.00063	-72.83	54.45	0.00062
-74.25	53.03	0.00061	-75.66	51.62	0.00060
-77.78	49.50	0.00058	-81.32	45.96	0.00056
-84.85	42.43	0.00053	-91.92	35.36	0.00046
-98.99	28.28	0.00039	-106.07	21.21	0.00033
-113.14	14.14	0.00028	-120.21	7.07	0.00024
-127.28	0.00	0.00021	-134.35	-7.07	0.00018
14.14	127.28	0.00010	7.07	120.21	0.00011
0.00	113.14	0.00013	-7.07	106.07	0.00016
-14.14	98.99	0.00019	-21.21	91.92	0.00023
-28.28	84.85	0.00030	-35.36	77.78	0.00040
-38.89	74.25	0.00046	-42.43	70.71	0.00054
-44.55	68.59	0.00059	-45.96	67.18	0.00062
-47.38	65.76	0.00065	-48.79	64.35	0.00068
-50.20	62.93	0.00071	-62.93	50.20	0.00078
-64.35	48.79	0.00077	-65.76	47.38	0.00075
-67.18	45.96	0.00073	-68.59	44.55	0.00072
-70.71	42.43	0.00070	-74.25	38.89	0.00065
-77.78	35.36	0.00061	-84.85	28.28	0.00051
-91.92	21.21	0.00042	-98.99	14.14	0.00035
-106.07	7.07	0.00030	-113.14	0.00	0.00025
-120.21	-7.07	0.00021	-127.28	-14.14	0.00018
21.21	120.21	0.00011	14.14	113.14	0.00013

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00015	0.00	98.99	0.00017
-7.07	91.92	0.00020	-14.14	84.85	0.00025
-21.21	77.78	0.00032	-28.28	70.71	0.00044
-31.82	67.18	0.00052	-35.36	63.64	0.00062
-37.48	61.52	0.00068	-38.89	60.10	0.00073
-40.31	58.69	0.00078	-41.72	57.28	0.00083
-43.13	55.86	0.00087	-55.86	43.13	0.00097
-57.28	41.72	0.00094	-58.69	40.31	0.00092
-60.10	38.89	0.00089	-61.52	37.48	0.00086

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

15:09:05  
 \*\*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	0.00082	-67.18	31.82	0.00075
-70.71	28.28	0.00068	-77.78	21.21	0.00055
-84.85	14.14	0.00045	-91.92	7.07	0.00037
-98.99	0.00	0.00031	-106.07	-7.07	0.00026
-113.14	-14.14	0.00022	-120.21	-21.21	0.00019
28.28	113.14	0.00012	21.21	106.07	0.00014
14.14	98.99	0.00016	7.07	91.92	0.00019
0.00	84.85	0.00023	-7.07	77.78	0.00028
-14.14	70.71	0.00036	-21.21	63.64	0.00048
-24.75	60.10	0.00057	-28.28	56.57	0.00069
-30.41	54.45	0.00078	-31.82	53.03	0.00085
-33.23	51.62	0.00092	-34.65	50.20	0.00099
-36.06	48.79	0.00107	-48.79	36.06	0.00119
-50.20	34.65	0.00115	-51.62	33.23	0.00110
-53.03	31.82	0.00105	-54.45	30.41	0.00100
-56.57	28.28	0.00093	-60.10	24.75	0.00083
-63.64	21.21	0.00074	-70.71	14.14	0.00059
-77.78	7.07	0.00048	-84.85	0.00	0.00039
-91.92	-7.07	0.00032	-98.99	-14.14	0.00027
-106.07	-21.21	0.00023	-113.14	-28.28	0.00020
35.36	106.07	0.00013	28.28	98.99	0.00015
21.21	91.92	0.00017	14.14	84.85	0.00021
7.07	77.78	0.00025	0.00	70.71	0.00032
-7.07	63.64	0.00041	-14.14	56.57	0.00055
-17.68	53.03	0.00066	-21.21	49.50	0.00079



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00090	-24.75	45.96	0.00097
-26.16	44.55	0.00106	-27.58	43.13	0.00116
-28.99	41.72	0.00127	-41.72	28.99	0.00142
-43.13	27.58	0.00132	-44.55	26.16	0.00124
-45.96	24.75	0.00117	-47.38	23.33	0.00110
-49.50	21.21	0.00101	-53.03	17.68	0.00089
-56.57	14.14	0.00079	-63.64	7.07	0.00063
-70.71	0.00	0.00051	-77.78	-7.07	0.00042
-84.85	-14.14	0.00035	-91.92	-21.21	0.00029
-98.99	-28.28	0.00025	-106.07	-35.36	0.00022
42.43	98.99	0.00014	35.36	91.92	0.00016
28.28	84.85	0.00019	21.21	77.78	0.00023
14.14	70.71	0.00028	7.07	63.64	0.00035
0.00	56.57	0.00046	-7.07	49.50	0.00063
-10.61	45.96	0.00076	-14.14	42.43	0.00093

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

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

15:09:05

\*\*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	0.00106	-17.68	38.89	0.00117
-19.09	37.48	0.00129	-20.51	36.06	0.00144
-21.92	34.65	0.00165	-34.65	21.92	0.00165
-36.06	20.51	0.00151	-37.48	19.09	0.00140
-38.89	17.68	0.00130	-40.31	16.26	0.00123
-42.43	14.14	0.00112	-45.96	10.61	0.00099
-49.50	7.07	0.00087	-56.57	0.00	0.00069
-63.64	-7.07	0.00056	-70.71	-14.14	0.00045
-77.78	-21.21	0.00038	-84.85	-28.28	0.00032
-91.92	-35.36	0.00027	-98.99	-42.43	0.00024
49.50	91.92	0.00015	42.43	84.85	0.00017
35.36	77.78	0.00021	28.28	70.71	0.00025
21.21	63.64	0.00031	14.14	56.57	0.00040
7.07	49.50	0.00054	0.00	42.43	0.00077
-3.54	38.89	0.00097	-7.07	35.36	0.00127
-9.19	33.23	0.00153	-10.61	31.82	0.00175
-12.02	30.41	0.00204	-13.44	28.99	0.00243
-14.85	27.58	0.00296	-27.58	14.85	0.00208
-28.99	13.44	0.00182	-30.41	12.02	0.00163

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00149	-33.23	9.19	0.00138
-35.36	7.07	0.00124	-38.89	3.54	0.00107
-42.43	0.00	0.00094	-49.50	-7.07	0.00074
-56.57	-14.14	0.00059	-63.64	-21.21	0.00048
-70.71	-28.28	0.00040	-77.78	-35.36	0.00034
-84.85	-42.43	0.00029	-91.92	-49.50	0.00025
56.57	84.85	0.00016	49.50	77.78	0.00019
42.43	70.71	0.00023	35.36	63.64	0.00028
28.28	56.57	0.00036	21.21	49.50	0.00048
14.14	42.43	0.00067	7.07	35.36	0.00104
3.54	31.82	0.00136	0.00	28.28	0.00188
-2.12	26.16	0.00233	-3.54	24.75	0.00271
-4.95	23.33	0.00317	-6.36	21.92	0.00374
-7.78	20.51	0.00446	-20.51	7.78	0.00265
-21.92	6.36	0.00227	-23.33	4.95	0.00200
-24.75	3.54	0.00179	-26.16	2.12	0.00162
-28.28	0.00	0.00143	-31.82	-3.54	0.00119
-35.36	-7.07	0.00102	-42.43	-14.14	0.00078
-49.50	-21.21	0.00063	-56.57	-28.28	0.00051
-63.64	-35.36	0.00043	-70.71	-42.43	0.00036
-77.78	-49.50	0.00031	-84.85	-56.57	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
63.64	77.78	0.00018	56.57	70.71	0.00021
49.50	63.64	0.00026	42.43	56.57	0.00033
35.36	49.50	0.00043	28.28	42.43	0.00059
21.21	35.36	0.00086	14.14	28.28	0.00141
10.61	24.75	0.00188	7.07	21.21	0.00258
4.95	19.09	0.00317	3.54	17.68	0.00365
2.12	16.26	0.00422	0.71	14.85	0.00489
-0.71	13.44	0.00569	-13.44	0.71	0.00319
-14.85	-0.71	0.00274	-16.26	-2.12	0.00239
-17.68	-3.54	0.00212	-19.09	-4.95	0.00191
-21.21	-7.07	0.00165	-24.75	-10.61	0.00134
-28.28	-14.14	0.00112	-35.36	-21.21	0.00083
-42.43	-28.28	0.00066	-49.50	-35.36	0.00054

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00045	-63.64	-49.50	0.00038
-70.71	-56.57	0.00032	-77.78	-63.64	0.00028
70.71	70.71	0.00019	63.64	63.64	0.00024
56.57	56.57	0.00030	49.50	49.50	0.00039
42.43	42.43	0.00052	35.36	35.36	0.00073
28.28	28.28	0.00110	21.21	21.21	0.00182
17.68	17.68	0.00240	14.14	14.14	0.00324
12.02	12.02	0.00391	10.61	10.61	0.00445
9.19	9.19	0.00508	7.78	7.78	0.00580
6.36	6.36	0.00663	-6.36	-6.36	0.00365
-7.78	-7.78	0.00314	-9.19	-9.19	0.00275
-10.61	-10.61	0.00243	-12.02	-12.02	0.00218
-14.14	-14.14	0.00187	-17.68	-17.68	0.00149
-21.21	-21.21	0.00123	-28.28	-28.28	0.00090
-35.36	-35.36	0.00070	-42.43	-42.43	0.00056
-49.50	-49.50	0.00047	-56.57	-56.57	0.00039
-63.64	-63.64	0.00033	-70.71	-70.71	0.00029
77.78	63.64	0.00022	70.71	56.57	0.00027
63.64	49.50	0.00034	56.57	42.43	0.00045
49.50	35.36	0.00062	42.43	28.28	0.00089
35.36	21.21	0.00136	28.28	14.14	0.00221
24.75	10.61	0.00288	21.21	7.07	0.00381
19.09	4.95	0.00453	17.68	3.54	0.00510
16.26	2.12	0.00574	14.85	0.71	0.00647
13.44	-0.71	0.00730	0.71	-13.44	0.00400
-0.71	-14.85	0.00344	-2.12	-16.26	0.00302
-3.54	-17.68	0.00268	-4.95	-19.09	0.00240

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00206	-10.61	-24.75	0.00164
-14.14	-28.28	0.00134	-21.21	-35.36	0.00097
-28.28	-42.43	0.00075	-35.36	-49.50	0.00059
-42.43	-56.57	0.00048	-49.50	-63.64	0.00041
-56.57	-70.71	0.00035	-63.64	-77.78	0.00030
84.85	56.57	0.00024	77.78	49.50	0.00030
70.71	42.43	0.00039	63.64	35.36	0.00052

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00073	49.50	21.21	0.00106
42.43	14.14	0.00162	35.36	7.07	0.00257
31.82	3.54	0.00329	28.28	0.00	0.00427
26.16	-2.12	0.00502	24.75	-3.54	0.00559
23.33	-4.95	0.00623	21.92	-6.36	0.00694
20.51	-7.78	0.00776	7.78	-20.51	0.00422
6.36	-21.92	0.00364	4.95	-23.33	0.00320
3.54	-24.75	0.00284	2.12	-26.16	0.00255
0.00	-28.28	0.00220	-3.54	-31.82	0.00176
-7.07	-35.36	0.00145	-14.14	-42.43	0.00105
-21.21	-49.50	0.00080	-28.28	-56.57	0.00063
-35.36	-63.64	0.00051	-42.43	-70.71	0.00042
-49.50	-77.78	0.00036	-56.57	-84.85	0.00031
91.92	49.50	0.00027	84.85	42.43	0.00034
77.78	35.36	0.00045	70.71	28.28	0.00060
63.64	21.21	0.00085	56.57	14.14	0.00123
49.50	7.07	0.00184	42.43	0.00	0.00287
38.89	-3.54	0.00364	35.36	-7.07	0.00465
33.23	-9.19	0.00539	31.82	-10.61	0.00596
30.41	-12.02	0.00658	28.99	-13.44	0.00727
27.58	-14.85	0.00805	14.85	-27.58	0.00433
13.44	-28.99	0.00374	12.02	-30.41	0.00330
10.61	-31.82	0.00295	9.19	-33.23	0.00266
7.07	-35.36	0.00231	3.54	-38.89	0.00187
0.00	-42.43	0.00155	-7.07	-49.50	0.00112
-14.14	-56.57	0.00085	-21.21	-63.64	0.00067
-28.28	-70.71	0.00054	-35.36	-77.78	0.00044
-42.43	-84.85	0.00036	-49.50	-91.92	0.00031
98.99	42.43	0.00030	91.92	35.36	0.00039
84.85	28.28	0.00051	77.78	21.21	0.00069
70.71	14.14	0.00096	63.64	7.07	0.00138
56.57	0.00	0.00204	49.50	-7.07	0.00311
45.96	-10.61	0.00390	42.43	-14.14	0.00492

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
40.31	-16.26	0.00566	38.89	-17.68	0.00622

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00683	36.06	-20.51	0.00750
34.65	-21.92	0.00824	21.92	-34.65	0.00437
20.51	-36.06	0.00382	19.09	-37.48	0.00339
17.68	-38.89	0.00306	16.26	-40.31	0.00277
14.14	-42.43	0.00242	10.61	-45.96	0.00197
7.07	-49.50	0.00164	0.00	-56.57	0.00118
-7.07	-63.64	0.00088	-14.14	-70.71	0.00068
-21.21	-77.78	0.00055	-28.28	-84.85	0.00044
-35.36	-91.92	0.00037	-42.43	-98.99	0.00031
106.07	35.36	0.00034	98.99	28.28	0.00044
91.92	21.21	0.00058	84.85	14.14	0.00078
77.78	7.07	0.00107	70.71	0.00	0.00152
63.64	-7.07	0.00220	56.57	-14.14	0.00330
53.03	-17.68	0.00409	49.50	-21.21	0.00508
47.38	-23.33	0.00580	45.96	-24.75	0.00633
44.55	-26.16	0.00691	43.13	-27.58	0.00753
41.72	-28.99	0.00817	28.99	-41.72	0.00435
27.58	-43.13	0.00384	26.16	-44.55	0.00343
24.75	-45.96	0.00309	23.33	-47.38	0.00281
21.21	-49.50	0.00246	17.68	-53.03	0.00202
14.14	-56.57	0.00168	7.07	-63.64	0.00121
0.00	-70.71	0.00090	-7.07	-77.78	0.00069
-14.14	-84.85	0.00055	-21.21	-91.92	0.00045
-28.28	-98.99	0.00037	-35.36	-106.07	0.00031
113.14	28.28	0.00038	106.07	21.21	0.00049
98.99	14.14	0.00064	91.92	7.07	0.00086
84.85	0.00	0.00117	77.78	-7.07	0.00162
70.71	-14.14	0.00232	63.64	-21.21	0.00338
60.10	-24.75	0.00411	56.57	-28.28	0.00499
54.45	-30.41	0.00559	53.03	-31.82	0.00600
51.62	-33.23	0.00640	50.20	-34.65	0.00678
48.79	-36.06	0.00709	36.06	-48.79	0.00405
34.65	-50.20	0.00367	33.23	-51.62	0.00334
31.82	-53.03	0.00305	30.41	-54.45	0.00280
28.28	-56.57	0.00247	24.75	-60.10	0.00203
21.21	-63.64	0.00170	14.14	-70.71	0.00122
7.07	-77.78	0.00091	0.00	-84.85	0.00070
-7.07	-91.92	0.00056	-14.14	-98.99	0.00045
-21.21	-106.07	0.00037	-28.28	-113.14	0.00031

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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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	0.00042	113.14	14.14	0.00054	
106.07	7.07	0.00070	98.99	0.00	0.00092	
91.92	-7.07	0.00124	84.85	-14.14	0.00169	
77.78	-21.21	0.00235	70.71	-28.28	0.00331	
67.18	-31.82	0.00392	63.64	-35.36	0.00458	
61.52	-37.48	0.00498	60.10	-38.89	0.00523	
58.69	-40.31	0.00546	57.28	-41.72	0.00564	
55.86	-43.13	0.00575	43.13	-55.86	0.00360	
41.72	-57.28	0.00332	40.31	-58.69	0.00307	
38.89	-60.10	0.00285	37.48	-61.52	0.00265	
35.36	-63.64	0.00237	31.82	-67.18	0.00199	
28.28	-70.71	0.00169	21.21	-77.78	0.00123	
14.14	-84.85	0.00092	7.07	-91.92	0.00071	
0.00	-98.99	0.00056	-7.07	-106.07	0.00045	
-14.14	-113.14	0.00037	-21.21	-120.21	0.00031	
127.28	14.14	0.00045	120.21	7.07	0.00058	
113.14	0.00	0.00074	106.07	-7.07	0.00097	
98.99	-14.14	0.00128	91.92	-21.21	0.00171	
84.85	-28.28	0.00231	77.78	-35.36	0.00310	
74.25	-38.89	0.00356	70.71	-42.43	0.00402	
68.59	-44.55	0.00427	67.18	-45.96	0.00442	
65.76	-47.38	0.00453	64.35	-48.79	0.00461	
62.93	-50.20	0.00463	50.20	-62.93	0.00311	
48.79	-64.35	0.00292	47.38	-65.76	0.00274	
45.96	-67.18	0.00257	44.55	-68.59	0.00241	
42.43	-70.71	0.00220	38.89	-74.25	0.00188	
35.36	-77.78	0.00162	28.28	-84.85	0.00122	
21.21	-91.92	0.00093	14.14	-98.99	0.00072	
7.07	-106.07	0.00056	0.00	-113.14	0.00045	
-7.07	-120.21	0.00037	-14.14	-127.28	0.00031	
134.35	7.07	0.00048	127.28	0.00	0.00061	
120.21	-7.07	0.00078	113.14	-14.14	0.00100	
106.07	-21.21	0.00129	98.99	-28.28	0.00169	
91.92	-35.36	0.00220	84.85	-42.43	0.00282	
81.32	-45.96	0.00316	77.78	-49.50	0.00347	
75.66	-51.62	0.00362	74.25	-53.03	0.00370	
72.83	-54.45	0.00375	71.42	-55.86	0.00377	
70.00	-57.28	0.00376	57.28	-70.00	0.00268	
55.86	-71.42	0.00253	54.45	-72.83	0.00240	

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

53.03 -74.25 0.00227 51.62 -75.66 0.00215

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* 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\_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	0.00199	45.96	-81.32	0.00174
42.43	-84.85	0.00152	35.36	-91.92	0.00117
28.28	-98.99	0.00091	21.21	-106.07	0.00072
14.14	-113.14	0.00057	7.07	-120.21	0.00046
0.00	-127.28	0.00038	-7.07	-134.35	0.00031
141.42	0.00	0.00051	134.35	-7.07	0.00063
127.28	-14.14	0.00080	120.21	-21.21	0.00101
113.14	-28.28	0.00128	106.07	-35.36	0.00162
98.99	-42.43	0.00205	91.92	-49.50	0.00253
88.39	-53.03	0.00277	84.85	-56.57	0.00298
82.73	-58.69	0.00307	81.32	-60.10	0.00310
79.90	-61.52	0.00312	78.49	-62.93	0.00312
77.07	-64.35	0.00310	64.35	-77.07	0.00230
62.93	-78.49	0.00220	61.52	-79.90	0.00209
60.10	-81.32	0.00200	58.69	-82.73	0.00191
56.57	-84.85	0.00178	53.03	-88.39	0.00158
49.50	-91.92	0.00141	42.43	-98.99	0.00111
35.36	-106.07	0.00088	28.28	-113.14	0.00070
21.21	-120.21	0.00057	14.14	-127.28	0.00046
7.07	-134.35	0.00038	0.00	-141.42	0.00032
148.49	-7.07	0.00053	141.42	-14.14	0.00065
134.35	-21.21	0.00080	127.28	-28.28	0.00100
120.21	-35.36	0.00124	113.14	-42.43	0.00154
106.07	-49.50	0.00188	98.99	-56.57	0.00226
95.46	-60.10	0.00243	91.92	-63.64	0.00256
89.80	-65.76	0.00260	88.39	-67.18	0.00262
86.97	-68.59	0.00262	85.56	-70.00	0.00261
84.15	-71.42	0.00258	71.42	-84.15	0.00199
70.00	-85.56	0.00191	68.59	-86.97	0.00183
67.18	-88.39	0.00176	65.76	-89.80	0.00168
63.64	-91.92	0.00158	60.10	-95.46	0.00143
56.57	-98.99	0.00129	49.50	-106.07	0.00105
42.43	-113.14	0.00084	35.36	-120.21	0.00068

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00056	21.21	-134.35	0.00046
14.14	-141.42	0.00038	7.07	-148.49	0.00032
155.56	-14.14	0.00054	148.49	-21.21	0.00066
141.42	-28.28	0.00080	134.35	-35.36	0.00098
127.28	-42.43	0.00119	120.21	-49.50	0.00144
113.14	-56.57	0.00172	106.07	-63.64	0.00201
102.53	-67.18	0.00213	98.99	-70.71	0.00221

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\_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	0.00223	95.46	-74.25	0.00223
94.05	-75.66	0.00223	92.63	-77.07	0.00221
91.22	-78.49	0.00219	78.49	-91.22	0.00173
77.07	-92.63	0.00167	75.66	-94.05	0.00161
74.25	-95.46	0.00155	72.83	-96.87	0.00149
70.71	-98.99	0.00141	67.18	-102.53	0.00128
63.64	-106.07	0.00117	56.57	-113.14	0.00097
49.50	-120.21	0.00080	42.43	-127.28	0.00066
35.36	-134.35	0.00054	28.28	-141.42	0.00045
21.21	-148.49	0.00038	14.14	-155.56	0.00032
162.63	-21.21	0.00055	155.56	-28.28	0.00066
148.49	-35.36	0.00079	141.42	-42.43	0.00094
134.35	-49.50	0.00113	127.28	-56.57	0.00134
120.21	-63.64	0.00157	113.14	-70.71	0.00179
109.60	-74.25	0.00187	106.07	-77.78	0.00191
103.94	-79.90	0.00192	102.53	-81.32	0.00192
101.12	-82.73	0.00191	99.70	-84.15	0.00189
98.29	-85.56	0.00187	85.56	-98.29	0.00151
84.15	-99.70	0.00146	82.73	-101.12	0.00142
81.32	-102.53	0.00137	79.90	-103.94	0.00133
77.78	-106.07	0.00126	74.25	-109.60	0.00116
70.71	-113.14	0.00106	63.64	-120.21	0.00090
56.57	-127.28	0.00076	49.50	-134.35	0.00063
42.43	-141.42	0.00053	35.36	-148.49	0.00044
28.28	-155.56	0.00037	21.21	-162.63	0.00032
169.71	-28.28	0.00055	162.63	-35.36	0.00065
155.56	-42.43	0.00076	148.49	-49.50	0.00090



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00106	134.35	-63.64	0.00124
127.28	-70.71	0.00143	120.21	-77.78	0.00159
116.67	-81.32	0.00164	113.14	-84.85	0.00167
111.02	-86.97	0.00167	109.60	-88.39	0.00166
108.19	-89.80	0.00165	106.77	-91.22	0.00164
105.36	-92.63	0.00162	92.63	-105.36	0.00133
91.22	-106.77	0.00129	89.80	-108.19	0.00126
88.39	-109.60	0.00122	86.97	-111.02	0.00118
84.85	-113.14	0.00113	81.32	-116.67	0.00105
77.78	-120.21	0.00097	70.71	-127.28	0.00083
63.64	-134.35	0.00071	56.57	-141.42	0.00060
49.50	-148.49	0.00051	42.43	-155.56	0.00043
35.36	-162.63	0.00037	28.28	-169.71	0.00031

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\_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	0.00054	169.71	-42.43	0.00063
162.63	-49.50	0.00074	155.56	-56.57	0.00086
148.49	-63.64	0.00100	141.42	-70.71	0.00115
134.35	-77.78	0.00130	127.28	-84.85	0.00142
123.74	-88.39	0.00145	120.21	-91.92	0.00147
118.09	-94.05	0.00146	116.67	-95.46	0.00146
115.26	-96.87	0.00145	113.84	-98.29	0.00143
112.43	-99.70	0.00142	99.70	-112.43	0.00118
98.29	-113.84	0.00115	96.87	-115.26	0.00112
95.46	-116.67	0.00109	94.05	-118.09	0.00106
91.92	-120.21	0.00102	88.39	-123.74	0.00095
84.85	-127.28	0.00088	77.78	-134.35	0.00076
70.71	-141.42	0.00066	63.64	-148.49	0.00057
56.57	-155.56	0.00049	49.50	-162.63	0.00042
42.43	-169.71	0.00036	35.36	-176.78	0.00031
183.85	-42.43	0.00053	176.78	-49.50	0.00061
169.71	-56.57	0.00071	162.63	-63.64	0.00081
155.56	-70.71	0.00094	148.49	-77.78	0.00106
141.42	-84.85	0.00118	134.35	-91.92	0.00127
130.81	-95.46	0.00129	127.28	-98.99	0.00130
125.16	-101.12	0.00129	123.74	-102.53	0.00128

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00127	120.92	-105.36	0.00126
119.50	-106.77	0.00125	106.77	-119.50	0.00105
105.36	-120.92	0.00103	103.94	-122.33	0.00101
102.53	-123.74	0.00098	101.12	-125.16	0.00096
98.99	-127.28	0.00092	95.46	-130.81	0.00086
91.92	-134.35	0.00081	84.85	-141.42	0.00071
77.78	-148.49	0.00062	70.71	-155.56	0.00054
63.64	-162.63	0.00047	56.57	-169.71	0.00040
49.50	-176.78	0.00035	42.43	-183.85	0.00030
190.92	-49.50	0.00052	183.85	-56.57	0.00059
176.78	-63.64	0.00068	169.71	-70.71	0.00077
162.63	-77.78	0.00088	155.56	-84.85	0.00098
148.49	-91.92	0.00108	141.42	-98.99	0.00114
137.89	-102.53	0.00115	134.35	-106.07	0.00115
132.23	-108.19	0.00115	130.81	-109.60	0.00114
129.40	-111.02	0.00113	127.99	-112.43	0.00112
126.57	-113.84	0.00111	113.84	-126.57	0.00095
112.43	-127.99	0.00093	111.02	-129.40	0.00091
109.60	-130.81	0.00089	108.19	-132.23	0.00087

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\_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	0.00083	102.53	-137.89	0.00078
98.99	-141.42	0.00074	91.92	-148.49	0.00065
84.85	-155.56	0.00058	77.78	-162.63	0.00051
70.71	-169.71	0.00045	63.64	-176.78	0.00039
56.57	-183.85	0.00034	49.50	-190.92	0.00029
197.99	-56.57	0.00050	190.92	-63.64	0.00057
183.85	-70.71	0.00065	176.78	-77.78	0.00073
169.71	-84.85	0.00082	162.63	-91.92	0.00091
155.56	-98.99	0.00099	148.49	-106.07	0.00103
144.96	-109.60	0.00104	141.42	-113.14	0.00103
139.30	-115.26	0.00103	137.89	-116.67	0.00102
136.47	-118.09	0.00101	135.06	-119.50	0.00100
133.64	-120.92	0.00099	120.92	-133.64	0.00086
119.50	-135.06	0.00084	118.09	-136.47	0.00082
116.67	-137.89	0.00080	115.26	-139.30	0.00079

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00076	109.60	-144.96	0.00072
106.07	-148.49	0.00068	98.99	-155.56	0.00060
91.92	-162.63	0.00054	84.85	-169.71	0.00048
77.78	-176.78	0.00042	70.71	-183.85	0.00037
63.64	-190.92	0.00033	56.57	-197.99	0.00029
205.06	-63.64	0.00048	197.99	-70.71	0.00055
190.92	-77.78	0.00062	183.85	-84.85	0.00069
176.78	-91.92	0.00077	169.71	-98.99	0.00084
162.63	-106.07	0.00090	155.56	-113.14	0.00093
152.03	-116.67	0.00094	148.49	-120.21	0.00093
146.37	-122.33	0.00092	144.96	-123.74	0.00092
143.54	-125.16	0.00091	142.13	-126.57	0.00090
140.71	-127.99	0.00089	127.99	-140.71	0.00078
126.57	-142.13	0.00076	125.16	-143.54	0.00075
123.74	-144.96	0.00073	122.33	-146.37	0.00072
120.21	-148.49	0.00070	116.67	-152.03	0.00066
113.14	-155.56	0.00062	106.07	-162.63	0.00056
98.99	-169.71	0.00050	91.92	-176.78	0.00045
84.85	-183.85	0.00040	77.78	-190.92	0.00036
70.71	-197.99	0.00032	63.64	-205.06	0.00028
212.13	-70.71	0.00047	205.06	-77.78	0.00052
197.99	-84.85	0.00059	190.92	-91.92	0.00065
183.85	-98.99	0.00072	176.78	-106.07	0.00078
169.71	-113.14	0.00083	162.63	-120.21	0.00085
159.10	-123.74	0.00085	155.56	-127.28	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
153.44	-129.40	0.00084	152.03	-130.81	0.00083
150.61	-132.23	0.00082	149.20	-133.64	0.00082
147.79	-135.06	0.00081	135.06	-147.79	0.00071
133.64	-149.20	0.00070	132.23	-150.61	0.00068
130.81	-152.03	0.00067	129.40	-153.44	0.00066
127.28	-155.56	0.00064	123.74	-159.10	0.00061
120.21	-162.63	0.00058	113.14	-169.71	0.00052
106.07	-176.78	0.00047	98.99	-183.85	0.00042
91.92	-190.92	0.00038	84.85	-197.99	0.00034

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00031	70.71	-212.13	0.00027
219.20	-77.78	0.00045	212.13	-84.85	0.00050
205.06	-91.92	0.00056	197.99	-98.99	0.00062
190.92	-106.07	0.00067	183.85	-113.14	0.00072
176.78	-120.21	0.00076	169.71	-127.28	0.00077
166.17	-130.81	0.00077	162.63	-134.35	0.00077
160.51	-136.47	0.00076	159.10	-137.89	0.00075
157.68	-139.30	0.00075	156.27	-140.71	0.00074
154.86	-142.13	0.00073	142.13	-154.86	0.00065
140.71	-156.27	0.00064	139.30	-157.68	0.00063
137.89	-159.10	0.00062	136.47	-160.51	0.00061
134.35	-162.63	0.00059	130.81	-166.17	0.00056
127.28	-169.71	0.00054	120.21	-176.78	0.00049
113.14	-183.85	0.00044	106.07	-190.92	0.00040
98.99	-197.99	0.00036	91.92	-205.06	0.00033
84.85	-212.13	0.00029	77.78	-219.20	0.00026
226.27	-84.85	0.00043	219.20	-91.92	0.00048
212.13	-98.99	0.00053	205.06	-106.07	0.00058
197.99	-113.14	0.00063	190.92	-120.21	0.00067
183.85	-127.28	0.00070	176.78	-134.35	0.00071
173.24	-137.89	0.00071	169.71	-141.42	0.00070
167.58	-143.54	0.00069	166.17	-144.96	0.00069
164.76	-146.37	0.00068	163.34	-147.79	0.00068
161.93	-149.20	0.00067	149.20	-161.93	0.00060
147.79	-163.34	0.00059	146.37	-164.76	0.00058
144.96	-166.17	0.00057	143.54	-167.58	0.00056
141.42	-169.71	0.00054	137.89	-173.24	0.00052
134.35	-176.78	0.00050	127.28	-183.85	0.00045
120.21	-190.92	0.00041	113.14	-197.99	0.00038
106.07	-205.06	0.00034	98.99	-212.13	0.00031
91.92	-219.20	0.00028	84.85	-226.27	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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\_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	0.00042	226.27	-98.99	0.00046
219.20	-106.07	0.00051	212.13	-113.14	0.00055
205.06	-120.21	0.00059	197.99	-127.28	0.00063

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00065	183.85	-141.42	0.00065
180.31	-144.96	0.00065	176.78	-148.49	0.00064
174.66	-150.61	0.00064	173.24	-152.03	0.00063
171.83	-153.44	0.00063	170.41	-154.86	0.00062
169.00	-156.27	0.00062	156.27	-169.00	0.00055
154.86	-170.41	0.00054	153.44	-171.83	0.00053
152.03	-173.24	0.00053	150.61	-174.66	0.00052
148.49	-176.78	0.00050	144.96	-180.31	0.00048
141.42	-183.85	0.00046	134.35	-190.92	0.00042
127.28	-197.99	0.00039	120.21	-205.06	0.00036
113.14	-212.13	0.00033	106.07	-219.20	0.00030
98.99	-226.27	0.00027	91.92	-233.35	0.00025
240.42	-98.99	0.00040	233.35	-106.07	0.00044
226.27	-113.14	0.00048	219.20	-120.21	0.00052
212.13	-127.28	0.00056	205.06	-134.35	0.00058
197.99	-141.42	0.00060	190.92	-148.49	0.00060
187.38	-152.03	0.00060	183.85	-155.56	0.00059
181.73	-157.68	0.00059	180.31	-159.10	0.00058
178.90	-160.51	0.00058	177.48	-161.93	0.00057
176.07	-163.34	0.00057	163.34	-176.07	0.00051
161.93	-177.48	0.00050	160.51	-178.90	0.00049
159.10	-180.31	0.00049	157.68	-181.73	0.00048
155.56	-183.85	0.00047	152.03	-187.38	0.00045
148.49	-190.92	0.00043	141.42	-197.99	0.00040
134.35	-205.06	0.00037	127.28	-212.13	0.00034
120.21	-219.20	0.00031	113.14	-226.27	0.00028
106.07	-233.35	0.00026	98.99	-240.42	0.00024
247.49	-106.07	0.00039	240.42	-113.14	0.00042
233.35	-120.21	0.00046	226.27	-127.28	0.00049
219.20	-134.35	0.00052	212.13	-141.42	0.00054
205.06	-148.49	0.00056	197.99	-155.56	0.00056
194.45	-159.10	0.00055	190.92	-162.63	0.00055
188.80	-164.76	0.00054	187.38	-166.17	0.00054
185.97	-167.58	0.00053	184.55	-169.00	0.00053
183.14	-170.41	0.00052	170.41	-183.14	0.00047
169.00	-184.55	0.00047	167.58	-185.97	0.00046
166.17	-187.38	0.00045	164.76	-188.80	0.00045

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

\*\*\* 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\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

16NCRA\_PL91-300\_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	0.00044	159.10	-194.45	0.00042
155.56	-197.99	0.00041	148.49	-205.06	0.00037
141.42	-212.13	0.00034	134.35	-219.20	0.00032
127.28	-226.27	0.00029	120.21	-233.35	0.00027
113.14	-240.42	0.00025	106.07	-247.49	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08  
 \*\*\* 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\_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	0.00006	-113.14	240.42	0.00007
-120.21	233.35	0.00008	-127.28	226.27	0.00009
-134.35	219.20	0.00011	-141.42	212.13	0.00013
-148.49	205.06	0.00015	-155.56	197.99	0.00017
-159.10	194.45	0.00018	-162.63	190.92	0.00019
-164.76	188.80	0.00019	-166.17	187.38	0.00019
-167.58	185.97	0.00020	-169.00	184.55	0.00020
-170.41	183.14	0.00020	-183.14	170.41	0.00022
-184.55	169.00	0.00022	-185.97	167.58	0.00022
-187.38	166.17	0.00022	-188.80	164.76	0.00022
-190.92	162.63	0.00022	-194.45	159.10	0.00021
-197.99	155.56	0.00021	-205.06	148.49	0.00020
-212.13	141.42	0.00019	-219.20	134.35	0.00018
-226.27	127.28	0.00017	-233.35	120.21	0.00016
-240.42	113.14	0.00015	-247.49	106.07	0.00013
-98.99	240.42	0.00007	-106.07	233.35	0.00008
-113.14	226.27	0.00009	-120.21	219.20	0.00010
-127.28	212.13	0.00012	-134.35	205.06	0.00014
-141.42	197.99	0.00017	-148.49	190.92	0.00019
-152.03	187.38	0.00020	-155.56	183.85	0.00021
-157.68	181.73	0.00021	-159.10	180.31	0.00022
-160.51	178.90	0.00022	-161.93	177.48	0.00023
-163.34	176.07	0.00023	-176.07	163.34	0.00025
-177.48	161.93	0.00025	-178.90	160.51	0.00025
-180.31	159.10	0.00025	-181.73	157.68	0.00025
-183.85	155.56	0.00024	-187.38	152.03	0.00024

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00023	-197.99	141.42	0.00022
-205.06	134.35	0.00021	-212.13	127.28	0.00020
-219.20	120.21	0.00019	-226.27	113.14	0.00017
-233.35	106.07	0.00016	-240.42	98.99	0.00014
-91.92	233.35	0.00007	-98.99	226.27	0.00008
-106.07	219.20	0.00009	-113.14	212.13	0.00011
-120.21	205.06	0.00013	-127.28	197.99	0.00015
-134.35	190.92	0.00018	-141.42	183.85	0.00021
-144.96	180.31	0.00023	-148.49	176.78	0.00024
-150.61	174.66	0.00024	-152.03	173.24	0.00025
-153.44	171.83	0.00025	-154.86	170.41	0.00026
-156.27	169.00	0.00026	-169.00	156.27	0.00029
-170.41	154.86	0.00029	-171.83	153.44	0.00028
-173.24	152.03	0.00028	-174.66	150.61	0.00028

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

\*\*\* 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	148.49	0.00027	-180.31	144.96	0.00027
-183.85	141.42	0.00026	-190.92	134.35	0.00025
-197.99	127.28	0.00024	-205.06	120.21	0.00022
-212.13	113.14	0.00020	-219.20	106.07	0.00018
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00007	-91.92	219.20	0.00008
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00013	-120.21	190.92	0.00016
-127.28	183.85	0.00020	-134.35	176.78	0.00024
-137.89	173.24	0.00025	-141.42	169.71	0.00027
-143.54	167.58	0.00028	-144.96	166.17	0.00028
-146.37	164.76	0.00029	-147.79	163.34	0.00029
-149.20	161.93	0.00030	-161.93	149.20	0.00033
-163.34	147.79	0.00033	-164.76	146.37	0.00033
-166.17	144.96	0.00032	-167.58	143.54	0.00032
-169.71	141.42	0.00031	-173.24	137.89	0.00030
-176.78	134.35	0.00029	-183.85	127.28	0.00028
-190.92	120.21	0.00026	-197.99	113.14	0.00024
-205.06	106.07	0.00022	-212.13	99.00	0.00020
-219.20	91.92	0.00017	-226.27	84.85	0.00015

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00008	-84.85	212.13	0.00009
-91.92	205.06	0.00010	-98.99	197.99	0.00012
-106.07	190.92	0.00014	-113.14	183.85	0.00017
-120.21	176.78	0.00021	-127.28	169.71	0.00026
-130.81	166.17	0.00029	-134.35	162.63	0.00031
-136.47	160.51	0.00032	-137.89	159.10	0.00033
-139.30	157.68	0.00033	-140.71	156.27	0.00034
-142.13	154.86	0.00035	-154.86	142.13	0.00038
-156.27	140.71	0.00038	-157.68	139.30	0.00038
-159.10	137.89	0.00037	-160.51	136.47	0.00037
-162.63	134.35	0.00036	-166.17	130.81	0.00035
-169.71	127.28	0.00034	-176.78	120.21	0.00032
-183.85	113.14	0.00030	-190.92	106.07	0.00027
-197.99	99.00	0.00024	-205.06	91.92	0.00021
-212.13	84.85	0.00018	-219.20	77.78	0.00016
-70.71	212.13	0.00008	-77.78	205.06	0.00009
-84.85	197.99	0.00011	-91.92	190.92	0.00013
-98.99	183.85	0.00015	-106.07	176.78	0.00019
-113.14	169.71	0.00023	-120.21	162.63	0.00029
-123.74	159.10	0.00032	-127.28	155.56	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-129.40	153.44	0.00037	-130.81	152.03	0.00038
-132.23	150.61	0.00039	-133.64	149.20	0.00040
-135.06	147.79	0.00041	-147.79	135.06	0.00045
-149.20	133.64	0.00045	-150.61	132.23	0.00044
-152.03	130.81	0.00043	-153.44	129.40	0.00043
-155.56	127.28	0.00042	-159.10	123.74	0.00040
-162.63	120.21	0.00039	-169.71	113.14	0.00036
-176.78	106.07	0.00033	-183.85	98.99	0.00029
-190.92	91.92	0.00025	-197.99	84.85	0.00022
-205.06	77.78	0.00019	-212.13	70.71	0.00017
-63.64	205.06	0.00009	-70.71	197.99	0.00010
-77.78	190.92	0.00011	-84.85	183.85	0.00013
-91.92	176.78	0.00016	-98.99	169.71	0.00020
-106.07	162.63	0.00025	-113.14	155.56	0.00032



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00037	-120.21	148.49	0.00041
-122.33	146.37	0.00043	-123.74	144.96	0.00044
-125.16	143.54	0.00046	-126.57	142.13	0.00047
-127.99	140.71	0.00048	-140.71	127.99	0.00054
-142.13	126.57	0.00053	-143.54	125.16	0.00052
-144.96	123.74	0.00051	-146.37	122.33	0.00050
-148.49	120.21	0.00049	-152.03	116.67	0.00047
-155.56	113.14	0.00045	-162.63	106.07	0.00041
-169.71	98.99	0.00036	-176.78	91.92	0.00031
-183.85	84.85	0.00027	-190.92	77.78	0.00023
-197.99	70.71	0.00020	-205.06	63.64	0.00017
-56.57	197.99	0.00009	-63.64	190.92	0.00011
-70.71	183.85	0.00012	-77.78	176.78	0.00014
-84.85	169.71	0.00017	-91.92	162.63	0.00021
-98.99	155.56	0.00027	-106.07	148.49	0.00036
-109.60	144.96	0.00041	-113.14	141.42	0.00047
-115.26	139.30	0.00050	-116.67	137.89	0.00053
-118.09	136.47	0.00054	-119.50	135.06	0.00056
-120.92	133.64	0.00058	-133.64	120.92	0.00064
-135.06	119.50	0.00063	-136.47	118.09	0.00062
-137.89	116.67	0.00061	-139.30	115.26	0.00060
-141.42	113.14	0.00058	-144.96	109.60	0.00056
-148.49	106.07	0.00053	-155.56	98.99	0.00046
-162.63	91.92	0.00039	-169.71	84.85	0.00033
-176.78	77.78	0.00028	-183.85	70.71	0.00024
-190.92	63.64	0.00021	-197.99	56.57	0.00018

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

15:09:05  
 \*\*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	0.00010	-56.57	183.85	0.00011
-63.64	176.78	0.00013	-70.71	169.71	0.00016
-77.78	162.63	0.00019	-84.85	155.56	0.00023
-91.92	148.49	0.00030	-98.99	141.42	0.00040
-102.53	137.89	0.00046	-106.07	134.35	0.00054
-108.19	132.23	0.00059	-109.60	130.81	0.00062
-111.02	129.40	0.00065	-112.43	127.99	0.00068
-113.84	126.57	0.00071	-126.57	113.84	0.00078

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00077	-129.40	111.02	0.00075
-130.81	109.60	0.00074	-132.23	108.19	0.00072
-134.35	106.07	0.00070	-137.89	102.53	0.00065
-141.42	98.99	0.00061	-148.49	91.92	0.00051
-155.56	84.85	0.00042	-162.63	77.78	0.00035
-169.71	70.71	0.00030	-176.78	63.64	0.00025
-183.85	56.57	0.00021	-190.92	49.50	0.00018
-42.43	183.85	0.00011	-49.50	176.78	0.00013
-56.57	169.71	0.00015	-63.64	162.63	0.00017
-70.71	155.56	0.00020	-77.78	148.49	0.00025
-84.85	141.42	0.00032	-91.92	134.35	0.00044
-95.46	130.81	0.00052	-98.99	127.28	0.00062
-101.12	125.16	0.00068	-102.53	123.74	0.00073
-103.94	122.33	0.00078	-105.36	120.92	0.00083
-106.77	119.50	0.00087	-119.50	106.77	0.00097
-120.92	105.36	0.00094	-122.33	103.94	0.00092
-123.74	102.53	0.00089	-125.16	101.12	0.00086
-127.28	98.99	0.00082	-130.81	95.46	0.00075
-134.35	91.92	0.00068	-141.42	84.85	0.00055
-148.49	77.78	0.00045	-155.56	70.71	0.00037
-162.63	63.64	0.00031	-169.71	56.57	0.00026
-176.78	49.50	0.00022	-183.85	42.43	0.00019
-35.36	176.78	0.00012	-42.43	169.71	0.00014
-49.50	162.63	0.00016	-56.57	155.56	0.00019
-63.64	148.49	0.00023	-70.71	141.42	0.00028
-77.78	134.35	0.00036	-84.85	127.28	0.00048
-88.39	123.74	0.00057	-91.92	120.21	0.00069
-94.05	118.09	0.00078	-95.46	116.67	0.00085
-96.87	115.26	0.00092	-98.29	113.84	0.00099
-99.70	112.43	0.00107	-112.43	99.70	0.00119
-113.84	98.29	0.00115	-115.26	96.87	0.00110
-116.67	95.46	0.00105	-118.09	94.05	0.00100

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

15:09:05  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00093	-123.74	88.39	0.00083
-127.28	84.85	0.00074	-134.35	77.78	0.00059

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00048	-148.49	63.64	0.00039
-155.56	56.57	0.00032	-162.63	49.50	0.00027
-169.71	42.43	0.00023	-176.78	35.36	0.00020
-28.28	169.71	0.00013	-35.36	162.63	0.00015
-42.43	155.56	0.00017	-49.50	148.49	0.00021
-56.57	141.42	0.00025	-63.64	134.35	0.00032
-70.71	127.28	0.00041	-77.78	120.21	0.00055
-81.32	116.67	0.00066	-84.85	113.14	0.00079
-86.97	111.02	0.00090	-88.39	109.60	0.00097
-89.80	108.19	0.00106	-91.22	106.77	0.00116
-92.63	105.36	0.00127	-105.36	92.63	0.00142
-106.77	91.22	0.00132	-108.19	89.80	0.00124
-109.60	88.39	0.00117	-111.02	86.97	0.00110
-113.14	84.85	0.00101	-116.67	81.32	0.00089
-120.21	77.78	0.00079	-127.28	70.71	0.00063
-134.35	63.64	0.00051	-141.42	56.57	0.00042
-148.49	49.50	0.00035	-155.56	42.43	0.00029
-162.63	35.36	0.00025	-169.71	28.28	0.00022
-21.21	162.63	0.00014	-28.28	155.56	0.00016
-35.36	148.49	0.00019	-42.43	141.42	0.00023
-49.50	134.35	0.00028	-56.57	127.28	0.00035
-63.64	120.21	0.00046	-70.71	113.14	0.00063
-74.25	109.60	0.00076	-77.78	106.07	0.00093
-79.90	103.94	0.00106	-81.32	102.53	0.00117
-82.73	101.12	0.00129	-84.15	99.70	0.00144
-85.56	98.29	0.00165	-98.29	85.56	0.00165
-99.70	84.15	0.00151	-101.12	82.73	0.00140
-102.53	81.32	0.00130	-103.94	79.90	0.00123
-106.07	77.78	0.00112	-109.60	74.25	0.00099
-113.14	70.71	0.00087	-120.21	63.64	0.00069
-127.28	56.57	0.00056	-134.35	49.50	0.00045
-141.42	42.43	0.00038	-148.49	35.36	0.00032
-155.56	28.28	0.00027	-162.63	21.21	0.00024
-14.14	155.56	0.00015	-21.21	148.49	0.00017
-28.28	141.42	0.00021	-35.36	134.35	0.00025
-42.43	127.28	0.00031	-49.50	120.21	0.00040
-56.57	113.14	0.00054	-63.64	106.07	0.00077
-67.18	102.53	0.00097	-70.71	98.99	0.00127

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

\*\*\* 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

\*\*\*

16NCRA PL91-300 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	0.00153	-74.25	95.46	0.00175
-75.66	94.05	0.00204	-77.07	92.63	0.00243
-78.49	91.22	0.00296	-91.22	78.49	0.00208
-92.63	77.07	0.00182	-94.05	75.66	0.00163
-95.46	74.25	0.00149	-96.87	72.83	0.00138
-98.99	70.71	0.00124	-102.53	67.18	0.00107
-106.07	63.64	0.00094	-113.14	56.57	0.00074
-120.21	49.50	0.00059	-127.28	42.43	0.00048
-134.35	35.36	0.00040	-141.42	28.28	0.00034
-148.49	21.21	0.00029	-155.56	14.14	0.00025
-7.07	148.49	0.00016	-14.14	141.42	0.00019
-21.21	134.35	0.00023	-28.28	127.28	0.00028
-35.36	120.21	0.00036	-42.43	113.14	0.00048
-49.50	106.07	0.00067	-56.57	98.99	0.00104
-60.10	95.46	0.00136	-63.64	91.92	0.00188
-65.76	89.80	0.00233	-67.18	88.39	0.00271
-68.59	86.97	0.00317	-70.00	85.56	0.00374
-71.42	84.15	0.00446	-84.15	71.42	0.00265
-85.56	70.00	0.00227	-86.97	68.59	0.00200
-88.39	67.18	0.00179	-89.80	65.76	0.00162
-91.92	63.64	0.00143	-95.46	60.10	0.00119
-98.99	56.57	0.00102	-106.07	49.50	0.00078
-113.14	42.43	0.00063	-120.21	35.36	0.00051
-127.28	28.28	0.00043	-134.35	21.21	0.00036
-141.42	14.14	0.00031	-148.49	7.07	0.00027
0.00	141.42	0.00018	-7.07	134.35	0.00021
-14.14	127.28	0.00026	-21.21	120.21	0.00033
-28.28	113.14	0.00043	-35.36	106.07	0.00059
-42.43	98.99	0.00086	-49.50	91.92	0.00141
-53.03	88.39	0.00188	-56.57	84.85	0.00258
-58.69	82.73	0.00317	-60.10	81.32	0.00365
-61.52	79.90	0.00422	-62.93	78.49	0.00489
-64.35	77.07	0.00570	-77.07	64.35	0.00320
-78.49	62.93	0.00274	-79.90	61.52	0.00239
-81.32	60.10	0.00212	-82.73	58.69	0.00191
-84.85	56.57	0.00165	-88.39	53.03	0.00134
-91.92	49.50	0.00112	-98.99	42.43	0.00083
-106.07	35.36	0.00066	-113.14	28.28	0.00054
-120.21	21.21	0.00045	-127.28	14.14	0.00038
-134.35	7.07	0.00032	-141.42	0.00	0.00028

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

\*\*\* 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\_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	0.00019	0.00	127.28	0.00024
-7.07	120.21	0.00030	-14.14	113.14	0.00039
-21.21	106.07	0.00052	-28.28	98.99	0.00073
-35.36	91.92	0.00110	-42.43	84.85	0.00182
-45.96	81.32	0.00240	-49.50	77.78	0.00324
-51.62	75.66	0.00391	-53.03	74.25	0.00445
-54.45	72.83	0.00508	-55.86	71.42	0.00580
-57.28	70.00	0.00663	-70.00	57.28	0.00365
-71.42	55.86	0.00314	-72.83	54.45	0.00275
-74.25	53.03	0.00243	-75.66	51.62	0.00218
-77.78	49.50	0.00187	-81.32	45.96	0.00149
-84.85	42.43	0.00123	-91.92	35.36	0.00090
-98.99	28.28	0.00070	-106.07	21.21	0.00056
-113.14	14.14	0.00047	-120.21	7.07	0.00039
-127.28	0.00	0.00033	-134.35	-7.07	0.00029
14.14	127.28	0.00022	7.07	120.21	0.00027
0.00	113.14	0.00034	-7.07	106.07	0.00045
-14.14	98.99	0.00062	-21.21	91.92	0.00089
-28.28	84.85	0.00136	-35.36	77.78	0.00221
-38.89	74.25	0.00288	-42.43	70.71	0.00381
-44.55	68.59	0.00453	-45.96	67.18	0.00510
-47.38	65.76	0.00574	-48.79	64.35	0.00647
-50.20	62.93	0.00730	-62.93	50.20	0.00400
-64.35	48.79	0.00344	-65.76	47.38	0.00302
-67.18	45.96	0.00268	-68.59	44.55	0.00240
-70.71	42.43	0.00206	-74.25	38.89	0.00164
-77.78	35.36	0.00134	-84.85	28.28	0.00097
-91.92	21.21	0.00075	-98.99	14.14	0.00059
-106.07	7.07	0.00048	-113.14	0.00	0.00041
-120.21	-7.07	0.00035	-127.28	-14.14	0.00030
21.21	120.21	0.00024	14.14	113.14	0.00030
7.07	106.07	0.00039	0.00	98.99	0.00052
-7.07	91.92	0.00073	-14.14	84.85	0.00106
-21.21	77.78	0.00162	-28.28	70.71	0.00257

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00329	-35.36	63.64	0.00427
-37.48	61.52	0.00502	-38.89	60.10	0.00559
-40.31	58.69	0.00623	-41.72	57.28	0.00694
-43.13	55.86	0.00776	-55.86	43.13	0.00422
-57.28	41.72	0.00364	-58.69	40.31	0.00320
-60.10	38.89	0.00284	-61.52	37.48	0.00255

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

\*\*\* 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
-63.64	35.36	0.00220	-67.18	31.82	0.00176
-70.71	28.28	0.00145	-77.78	21.21	0.00105
-84.85	14.14	0.00080	-91.92	7.07	0.00063
-98.99	0.00	0.00051	-106.07	-7.07	0.00042
-113.14	-14.14	0.00036	-120.21	-21.21	0.00031
28.28	113.14	0.00027	21.21	106.07	0.00034
14.14	98.99	0.00045	7.07	91.92	0.00060
0.00	84.85	0.00085	-7.07	77.78	0.00123
-14.14	70.71	0.00184	-21.21	63.64	0.00287
-24.75	60.10	0.00364	-28.28	56.57	0.00465
-30.41	54.45	0.00539	-31.82	53.03	0.00596
-33.23	51.62	0.00658	-34.65	50.20	0.00727
-36.06	48.79	0.00805	-48.79	36.06	0.00433
-50.20	34.65	0.00374	-51.62	33.23	0.00330
-53.03	31.82	0.00295	-54.45	30.41	0.00266
-56.57	28.28	0.00231	-60.10	24.75	0.00187
-63.64	21.21	0.00155	-70.71	14.14	0.00112
-77.78	7.07	0.00085	-84.85	0.00	0.00067
-91.92	-7.07	0.00054	-98.99	-14.14	0.00044
-106.07	-21.21	0.00036	-113.14	-28.28	0.00031
35.36	106.07	0.00030	28.28	98.99	0.00039
21.21	91.92	0.00051	14.14	84.85	0.00069
7.07	77.78	0.00096	0.00	70.71	0.00138
-7.07	63.64	0.00204	-14.14	56.57	0.00311
-17.68	53.03	0.00390	-21.21	49.50	0.00492
-23.33	47.38	0.00566	-24.75	45.96	0.00622
-26.16	44.55	0.00683	-27.58	43.13	0.00750
-28.99	41.72	0.00824	-41.72	28.99	0.00437

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00382	-44.55	26.16	0.00339
-45.96	24.75	0.00306	-47.38	23.33	0.00277
-49.50	21.21	0.00242	-53.03	17.68	0.00197
-56.57	14.14	0.00164	-63.64	7.07	0.00118
-70.71	0.00	0.00088	-77.78	-7.07	0.00068
-84.85	-14.14	0.00055	-91.92	-21.21	0.00044
-98.99	-28.28	0.00037	-106.07	-35.36	0.00031
42.43	98.99	0.00034	35.36	91.92	0.00044
28.28	84.85	0.00058	21.21	77.78	0.00078
14.14	70.71	0.00107	7.07	63.64	0.00152
0.00	56.57	0.00220	-7.07	49.50	0.00330
-10.61	45.96	0.00409	-14.14	42.43	0.00508

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-16.26	40.31	0.00580	-17.68	38.89	0.00633
-19.09	37.48	0.00691	-20.51	36.06	0.00753
-21.92	34.65	0.00817	-34.65	21.92	0.00435
-36.06	20.51	0.00384	-37.48	19.09	0.00343
-38.89	17.68	0.00309	-40.31	16.26	0.00281
-42.43	14.14	0.00246	-45.96	10.61	0.00202
-49.50	7.07	0.00168	-56.57	0.00	0.00121
-63.64	-7.07	0.00090	-70.71	-14.14	0.00069
-77.78	-21.21	0.00055	-84.85	-28.28	0.00045
-91.92	-35.36	0.00037	-98.99	-42.43	0.00031
49.50	91.92	0.00038	42.43	84.85	0.00049
35.36	77.78	0.00064	28.28	70.71	0.00086
21.21	63.64	0.00117	14.14	56.57	0.00162
7.07	49.50	0.00232	0.00	42.43	0.00338
-3.54	38.89	0.00411	-7.07	35.36	0.00499
-9.19	33.23	0.00559	-10.61	31.82	0.00600
-12.02	30.41	0.00640	-13.44	28.99	0.00678
-14.85	27.58	0.00709	-27.58	14.85	0.00405
-28.99	13.44	0.00367	-30.41	12.02	0.00334
-31.82	10.61	0.00305	-33.23	9.19	0.00280
-35.36	7.07	0.00247	-38.89	3.54	0.00203
-42.43	0.00	0.00170	-49.50	-7.07	0.00122

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00091	-63.64	-21.21	0.00070
-70.71	-28.28	0.00056	-77.78	-35.36	0.00045
-84.85	-42.43	0.00037	-91.92	-49.50	0.00031
56.57	84.85	0.00042	49.50	77.78	0.00054
42.43	70.71	0.00070	35.36	63.64	0.00092
28.28	56.57	0.00124	21.21	49.50	0.00169
14.14	42.43	0.00235	7.07	35.36	0.00331
3.54	31.82	0.00392	0.00	28.28	0.00458
-2.12	26.16	0.00498	-3.54	24.75	0.00523
-4.95	23.33	0.00546	-6.36	21.92	0.00564
-7.78	20.51	0.00575	-20.51	7.78	0.00360
-21.92	6.36	0.00332	-23.33	4.95	0.00307
-24.75	3.54	0.00285	-26.16	2.12	0.00265
-28.28	0.00	0.00237	-31.82	-3.54	0.00199
-35.36	-7.07	0.00169	-42.43	-14.14	0.00123
-49.50	-21.21	0.00092	-56.57	-28.28	0.00071
-63.64	-35.36	0.00056	-70.71	-42.43	0.00045
-77.78	-49.50	0.00037	-84.85	-56.57	0.00031

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

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

15:09:05  
 \*\*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	0.00045	56.57	70.71	0.00058
49.50	63.64	0.00074	42.43	56.57	0.00097
35.36	49.50	0.00128	28.28	42.43	0.00171
21.21	35.36	0.00231	14.14	28.28	0.00310
10.61	24.75	0.00356	7.07	21.21	0.00402
4.95	19.09	0.00427	3.54	17.68	0.00442
2.12	16.26	0.00453	0.71	14.85	0.00461
-0.71	13.44	0.00463	-13.44	0.71	0.00311
-14.85	-0.71	0.00292	-16.26	-2.12	0.00274
-17.68	-3.54	0.00257	-19.09	-4.95	0.00241
-21.21	-7.07	0.00220	-24.75	-10.61	0.00188
-28.28	-14.14	0.00162	-35.36	-21.21	0.00122
-42.43	-28.28	0.00093	-49.50	-35.36	0.00072
-56.57	-42.43	0.00056	-63.64	-49.50	0.00045
-70.71	-56.57	0.00037	-77.78	-63.64	0.00031
70.71	70.71	0.00048	63.64	63.64	0.00061



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00078	49.50	49.50	0.00100
42.43	42.43	0.00129	35.36	35.36	0.00169
28.28	28.28	0.00220	21.21	21.21	0.00282
17.68	17.68	0.00316	14.14	14.14	0.00347
12.02	12.02	0.00362	10.61	10.61	0.00370
9.19	9.19	0.00375	7.78	7.78	0.00377
6.36	6.36	0.00376	-6.36	-6.36	0.00268
-7.78	-7.78	0.00253	-9.19	-9.19	0.00240
-10.61	-10.61	0.00227	-12.02	-12.02	0.00215
-14.14	-14.14	0.00199	-17.68	-17.68	0.00174
-21.21	-21.21	0.00152	-28.28	-28.28	0.00117
-35.36	-35.36	0.00091	-42.43	-42.43	0.00072
-49.50	-49.50	0.00057	-56.57	-56.57	0.00046
-63.64	-63.64	0.00038	-70.71	-70.71	0.00031
77.78	63.64	0.00051	70.71	56.57	0.00063
63.64	49.50	0.00080	56.57	42.43	0.00101
49.50	35.36	0.00128	42.43	28.28	0.00162
35.36	21.21	0.00205	28.28	14.14	0.00253
24.75	10.61	0.00277	21.21	7.07	0.00298
19.09	4.95	0.00307	17.68	3.54	0.00310
16.26	2.12	0.00312	14.85	0.71	0.00312
13.44	-0.71	0.00310	0.71	-13.44	0.00230
-0.71	-14.85	0.00220	-2.12	-16.26	0.00209
-3.54	-17.68	0.00200	-4.95	-19.09	0.00191

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

15:09:05  
 \*\*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	0.00178	-10.61	-24.75	0.00158
-14.14	-28.28	0.00141	-21.21	-35.36	0.00111
-28.28	-42.43	0.00088	-35.36	-49.50	0.00070
-42.43	-56.57	0.00057	-49.50	-63.64	0.00046
-56.57	-70.71	0.00038	-63.64	-77.78	0.00032
84.85	56.57	0.00053	77.78	49.50	0.00065
70.71	42.43	0.00080	63.64	35.36	0.00100
56.57	28.28	0.00124	49.50	21.21	0.00154
42.43	14.14	0.00188	35.36	7.07	0.00226
31.82	3.54	0.00243	28.28	0.00	0.00256

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00260	24.75	-3.54	0.00262
23.33	-4.95	0.00262	21.92	-6.36	0.00261
20.51	-7.78	0.00258	7.78	-20.51	0.00199
6.36	-21.92	0.00191	4.95	-23.33	0.00183
3.54	-24.75	0.00176	2.12	-26.16	0.00168
0.00	-28.28	0.00158	-3.54	-31.82	0.00143
-7.07	-35.36	0.00129	-14.14	-42.43	0.00105
-21.21	-49.50	0.00084	-28.28	-56.57	0.00068
-35.36	-63.64	0.00056	-42.43	-70.71	0.00046
-49.50	-77.78	0.00038	-56.57	-84.85	0.00032
91.92	49.50	0.00054	84.85	42.43	0.00066
77.78	35.36	0.00080	70.71	28.28	0.00098
63.64	21.21	0.00119	56.57	14.14	0.00144
49.50	7.07	0.00172	42.43	0.00	0.00201
38.89	-3.54	0.00213	35.36	-7.07	0.00220
33.23	-9.19	0.00223	31.82	-10.61	0.00223
30.41	-12.02	0.00223	28.99	-13.44	0.00221
27.58	-14.85	0.00219	14.85	-27.58	0.00173
13.44	-28.99	0.00167	12.02	-30.41	0.00161
10.61	-31.82	0.00155	9.19	-33.23	0.00149
7.07	-35.36	0.00141	3.54	-38.89	0.00128
0.00	-42.43	0.00117	-7.07	-49.50	0.00097
-14.14	-56.57	0.00080	-21.21	-63.64	0.00066
-28.28	-70.71	0.00054	-35.36	-77.78	0.00045
-42.43	-84.85	0.00038	-49.50	-91.92	0.00032
98.99	42.43	0.00055	91.92	35.36	0.00066
84.85	28.28	0.00079	77.78	21.21	0.00094
70.71	14.14	0.00113	63.64	7.07	0.00134
56.57	0.00	0.00157	49.50	-7.07	0.00179
45.96	-10.61	0.00187	42.43	-14.14	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
40.31	-16.26	0.00192	38.89	-17.68	0.00192
37.48	-19.09	0.00191	36.06	-20.51	0.00189
34.65	-21.92	0.00187	21.92	-34.65	0.00151
20.51	-36.06	0.00146	19.09	-37.48	0.00142

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00137	16.26	-40.31	0.00133
14.14	-42.43	0.00126	10.61	-45.96	0.00116
7.07	-49.50	0.00106	0.00	-56.57	0.00090
-7.07	-63.64	0.00076	-14.14	-70.71	0.00063
-21.21	-77.78	0.00053	-28.28	-84.85	0.00044
-35.36	-91.92	0.00037	-42.43	-98.99	0.00032
106.07	35.36	0.00055	98.99	28.28	0.00065
91.92	21.21	0.00076	84.85	14.14	0.00090
77.78	7.07	0.00106	70.71	0.00	0.00124
63.64	-7.07	0.00143	56.57	-14.14	0.00159
53.03	-17.68	0.00164	49.50	-21.21	0.00167
47.38	-23.33	0.00167	45.96	-24.75	0.00166
44.55	-26.16	0.00165	43.13	-27.58	0.00164
41.72	-28.99	0.00162	28.99	-41.72	0.00133
27.58	-43.13	0.00129	26.16	-44.55	0.00126
24.75	-45.96	0.00122	23.33	-47.38	0.00118
21.21	-49.50	0.00113	17.68	-53.03	0.00105
14.14	-56.57	0.00097	7.07	-63.64	0.00083
0.00	-70.71	0.00071	-7.07	-77.78	0.00060
-14.14	-84.85	0.00051	-21.21	-91.92	0.00043
-28.28	-98.99	0.00037	-35.36	-106.07	0.00031
113.14	28.28	0.00054	106.07	21.21	0.00063
98.99	14.14	0.00074	91.92	7.07	0.00086
84.85	0.00	0.00100	77.78	-7.07	0.00115
70.71	-14.14	0.00130	63.64	-21.21	0.00142
60.10	-24.75	0.00145	56.57	-28.28	0.00147
54.45	-30.41	0.00146	53.03	-31.82	0.00146
51.62	-33.23	0.00145	50.20	-34.65	0.00143
48.79	-36.06	0.00142	36.06	-48.79	0.00118
34.65	-50.20	0.00115	33.23	-51.62	0.00112
31.82	-53.03	0.00109	30.41	-54.45	0.00106
28.28	-56.57	0.00102	24.75	-60.10	0.00095
21.21	-63.64	0.00088	14.14	-70.71	0.00076
7.07	-77.78	0.00066	0.00	-84.85	0.00057
-7.07	-91.92	0.00049	-14.14	-98.99	0.00042
-21.21	-106.07	0.00036	-28.28	-113.14	0.00031

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

16NCRA\_PL91-300\_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	0.00053	113.14	14.14	0.00061
106.07	7.07	0.00071	98.99	0.00	0.00081
91.92	-7.07	0.00094	84.85	-14.14	0.00106
77.78	-21.21	0.00118	70.71	-28.28	0.00127
67.18	-31.82	0.00129	63.64	-35.36	0.00130
61.52	-37.48	0.00129	60.10	-38.89	0.00128
58.69	-40.31	0.00127	57.28	-41.72	0.00126
55.86	-43.13	0.00125	43.13	-55.86	0.00105
41.72	-57.28	0.00103	40.31	-58.69	0.00101
38.89	-60.10	0.00098	37.48	-61.52	0.00096
35.36	-63.64	0.00092	31.82	-67.18	0.00086
28.28	-70.71	0.00081	21.21	-77.78	0.00071
14.14	-84.85	0.00062	7.07	-91.92	0.00054
0.00	-98.99	0.00047	-7.07	-106.07	0.00040
-14.14	-113.14	0.00035	-21.21	-120.21	0.00030
127.28	14.14	0.00052	120.21	7.07	0.00059
113.14	0.00	0.00068	106.07	-7.07	0.00077
98.99	-14.14	0.00088	91.92	-21.21	0.00098
84.85	-28.28	0.00108	77.78	-35.36	0.00114
74.25	-38.89	0.00115	70.71	-42.43	0.00115
68.59	-44.55	0.00115	67.18	-45.96	0.00114
65.76	-47.38	0.00113	64.35	-48.79	0.00112
62.93	-50.20	0.00111	50.20	-62.93	0.00095
48.79	-64.35	0.00093	47.38	-65.76	0.00091
45.96	-67.18	0.00089	44.55	-68.59	0.00087
42.43	-70.71	0.00083	38.89	-74.25	0.00078
35.36	-77.78	0.00074	28.28	-84.85	0.00065
21.21	-91.92	0.00058	14.14	-98.99	0.00051
7.07	-106.07	0.00045	0.00	-113.14	0.00039
-7.07	-120.21	0.00034	-14.14	-127.28	0.00029
134.35	7.07	0.00050	127.28	0.00	0.00057
120.21	-7.07	0.00065	113.14	-14.14	0.00073
106.07	-21.21	0.00082	98.99	-28.28	0.00091
91.92	-35.36	0.00099	84.85	-42.43	0.00103
81.32	-45.96	0.00104	77.78	-49.50	0.00103
75.66	-51.62	0.00103	74.25	-53.03	0.00102
72.83	-54.45	0.00101	71.42	-55.86	0.00100
70.00	-57.28	0.00099	57.28	-70.00	0.00086
55.86	-71.42	0.00084	54.45	-72.83	0.00082
53.03	-74.25	0.00080	51.62	-75.66	0.00079

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05  
 \*\*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	0.00076	45.96	-81.32	0.00072
42.43	-84.85	0.00068	35.36	-91.92	0.00060
28.28	-98.99	0.00054	21.21	-106.07	0.00048
14.14	-113.14	0.00042	7.07	-120.21	0.00037
0.00	-127.28	0.00033	-7.07	-134.35	0.00029
141.42	0.00	0.00048	134.35	-7.07	0.00055
127.28	-14.14	0.00062	120.21	-21.21	0.00069
113.14	-28.28	0.00077	106.07	-35.36	0.00084
98.99	-42.43	0.00090	91.92	-49.50	0.00093
88.39	-53.03	0.00094	84.85	-56.57	0.00093
82.73	-58.69	0.00092	81.32	-60.10	0.00092
79.90	-61.52	0.00091	78.49	-62.93	0.00090
77.07	-64.35	0.00089	64.35	-77.07	0.00078
62.93	-78.49	0.00076	61.52	-79.90	0.00075
60.10	-81.32	0.00073	58.69	-82.73	0.00072
56.57	-84.85	0.00070	53.03	-88.39	0.00066
49.50	-91.92	0.00062	42.43	-98.99	0.00056
35.36	-106.07	0.00050	28.28	-113.14	0.00045
21.21	-120.21	0.00040	14.14	-127.28	0.00036
7.07	-134.35	0.00032	0.00	-141.42	0.00028
148.49	-7.07	0.00047	141.42	-14.14	0.00052
134.35	-21.21	0.00059	127.28	-28.28	0.00065
120.21	-35.36	0.00072	113.14	-42.43	0.00078
106.07	-49.50	0.00083	98.99	-56.57	0.00085
95.46	-60.10	0.00085	91.92	-63.64	0.00084
89.80	-65.76	0.00084	88.39	-67.18	0.00083
86.97	-68.59	0.00082	85.56	-70.00	0.00082
84.15	-71.42	0.00081	71.42	-84.15	0.00071
70.00	-85.56	0.00070	68.59	-86.97	0.00068
67.18	-88.39	0.00067	65.76	-89.80	0.00066
63.64	-91.92	0.00064	60.10	-95.46	0.00061
56.57	-98.99	0.00058	49.50	-106.07	0.00052
42.43	-113.14	0.00047	35.36	-120.21	0.00042
28.28	-127.28	0.00038	21.21	-134.35	0.00034
14.14	-141.42	0.00031	7.07	-148.49	0.00027
155.56	-14.14	0.00045	148.49	-21.21	0.00050

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00056	134.35	-35.36	0.00062
127.28	-42.43	0.00067	120.21	-49.50	0.00072
113.14	-56.57	0.00076	106.07	-63.64	0.00077
102.53	-67.18	0.00077	98.99	-70.71	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	0.00076	95.46	-74.25	0.00075
94.05	-75.66	0.00075	92.63	-77.07	0.00074
91.22	-78.49	0.00073	78.49	-91.22	0.00065
77.07	-92.63	0.00064	75.66	-94.05	0.00063
74.25	-95.46	0.00062	72.83	-96.87	0.00061
70.71	-98.99	0.00059	67.18	-102.53	0.00056
63.64	-106.07	0.00054	56.57	-113.14	0.00049
49.50	-120.21	0.00044	42.43	-127.28	0.00040
35.36	-134.35	0.00036	28.28	-141.42	0.00033
21.21	-148.49	0.00029	14.14	-155.56	0.00026
162.63	-21.21	0.00043	155.56	-28.28	0.00048
148.49	-35.36	0.00053	141.42	-42.43	0.00058
134.35	-49.50	0.00063	127.28	-56.57	0.00067
120.21	-63.64	0.00070	113.14	-70.71	0.00071
109.60	-74.25	0.00071	106.07	-77.78	0.00070
103.94	-79.90	0.00069	102.53	-81.32	0.00069
101.12	-82.73	0.00068	99.70	-84.15	0.00068
98.29	-85.56	0.00067	85.56	-98.29	0.00060
84.15	-99.70	0.00059	82.73	-101.12	0.00058
81.32	-102.53	0.00057	79.90	-103.94	0.00056
77.78	-106.07	0.00054	74.25	-109.60	0.00052
70.71	-113.14	0.00050	63.64	-120.21	0.00045
56.57	-127.28	0.00041	49.50	-134.35	0.00038
42.43	-141.42	0.00034	35.36	-148.49	0.00031
28.28	-155.56	0.00028	21.21	-162.63	0.00026
169.71	-28.28	0.00042	162.63	-35.36	0.00046
155.56	-42.43	0.00051	148.49	-49.50	0.00055
141.42	-56.57	0.00059	134.35	-63.64	0.00063
127.28	-70.71	0.00065	120.21	-77.78	0.00065
116.67	-81.32	0.00065	113.14	-84.85	0.00064

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00064	109.60	-88.39	0.00063
108.19	-89.80	0.00063	106.77	-91.22	0.00062
105.36	-92.63	0.00062	92.63	-105.36	0.00055
91.22	-106.77	0.00054	89.80	-108.19	0.00053
88.39	-109.60	0.00053	86.97	-111.02	0.00052
84.85	-113.14	0.00050	81.32	-116.67	0.00048
77.78	-120.21	0.00046	70.71	-127.28	0.00042
63.64	-134.35	0.00039	56.57	-141.42	0.00036
49.50	-148.49	0.00033	42.43	-155.56	0.00030
35.36	-162.63	0.00027	28.28	-169.71	0.00025

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

\*\*\* 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	0.00040	169.71	-42.43	0.00044
162.63	-49.50	0.00048	155.56	-56.57	0.00052
148.49	-63.64	0.00056	141.42	-70.71	0.00058
134.35	-77.78	0.00060	127.28	-84.85	0.00060
123.74	-88.39	0.00060	120.21	-91.92	0.00059
118.09	-94.05	0.00059	116.67	-95.46	0.00058
115.26	-96.87	0.00058	113.84	-98.29	0.00057
112.43	-99.70	0.00057	99.70	-112.43	0.00051
98.29	-113.84	0.00050	96.87	-115.26	0.00049
95.46	-116.67	0.00049	94.05	-118.09	0.00048
91.92	-120.21	0.00047	88.39	-123.74	0.00045
84.85	-127.28	0.00043	77.78	-134.35	0.00040
70.71	-141.42	0.00037	63.64	-148.49	0.00034
56.57	-155.56	0.00031	49.50	-162.63	0.00028
42.43	-169.71	0.00026	35.36	-176.78	0.00024
183.85	-42.43	0.00039	176.78	-49.50	0.00042
169.71	-56.57	0.00046	162.63	-63.64	0.00049
155.56	-70.71	0.00052	148.49	-77.78	0.00054
141.42	-84.85	0.00056	134.35	-91.92	0.00056
130.81	-95.46	0.00055	127.28	-98.99	0.00055
125.16	-101.12	0.00054	123.74	-102.53	0.00054
122.33	-103.94	0.00053	120.92	-105.36	0.00053
119.50	-106.77	0.00052	106.77	-119.50	0.00047
105.36	-120.92	0.00047	103.94	-122.33	0.00046

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00045	101.12	-125.16	0.00045
98.99	-127.28	0.00044	95.46	-130.81	0.00042
91.92	-134.35	0.00041	84.85	-141.42	0.00037
77.78	-148.49	0.00034	70.71	-155.56	0.00032
63.64	-162.63	0.00029	56.57	-169.71	0.00027
49.50	-176.78	0.00025	42.43	-183.85	0.00023
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00043	169.71	-70.71	0.00046
162.63	-77.78	0.00049	155.56	-84.85	0.00051
148.49	-91.92	0.00052	141.42	-98.99	0.00052
137.89	-102.53	0.00051	134.35	-106.07	0.00051
132.23	-108.19	0.00050	130.81	-109.60	0.00050
129.40	-111.02	0.00049	127.99	-112.43	0.00049
126.57	-113.84	0.00049	113.84	-126.57	0.00044
112.43	-127.99	0.00043	111.02	-129.40	0.00043
109.60	-130.81	0.00042	108.19	-132.23	0.00042

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

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00041	102.53	-137.89	0.00039
98.99	-141.42	0.00038	91.92	-148.49	0.00035
84.85	-155.56	0.00033	77.78	-162.63	0.00030
70.71	-169.71	0.00028	63.64	-176.78	0.00026
56.57	-183.85	0.00024	49.50	-190.92	0.00022
197.99	-56.57	0.00036	190.92	-63.64	0.00039
183.85	-70.71	0.00041	176.78	-77.78	0.00044
169.71	-84.85	0.00046	162.63	-91.92	0.00048
155.56	-98.99	0.00048	148.49	-106.07	0.00048
144.96	-109.60	0.00048	141.42	-113.14	0.00047
139.30	-115.26	0.00047	137.89	-116.67	0.00046
136.47	-118.09	0.00046	135.06	-119.50	0.00046
133.64	-120.92	0.00045	120.92	-133.64	0.00041
119.50	-135.06	0.00041	118.09	-136.47	0.00040
116.67	-137.89	0.00040	115.26	-139.30	0.00039
113.14	-141.42	0.00038	109.60	-144.96	0.00037
106.07	-148.49	0.00036	98.99	-155.56	0.00033
91.92	-162.63	0.00031	84.85	-169.71	0.00029



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00027	70.71	-183.85	0.00025
63.64	-190.92	0.00023	56.57	-197.99	0.00021
205.06	-63.64	0.00034	197.99	-70.71	0.00037
190.92	-77.78	0.00039	183.85	-84.85	0.00042
176.78	-91.92	0.00043	169.71	-98.99	0.00045
162.63	-106.07	0.00045	155.56	-113.14	0.00045
152.03	-116.67	0.00044	148.49	-120.21	0.00044
146.37	-122.33	0.00043	144.96	-123.74	0.00043
143.54	-125.16	0.00043	142.13	-126.57	0.00042
140.71	-127.99	0.00042	127.99	-140.71	0.00038
126.57	-142.13	0.00038	125.16	-143.54	0.00038
123.74	-144.96	0.00037	122.33	-146.37	0.00037
120.21	-148.49	0.00036	116.67	-152.03	0.00035
113.14	-155.56	0.00034	106.07	-162.63	0.00031
98.99	-169.71	0.00029	91.92	-176.78	0.00027
84.85	-183.85	0.00025	77.78	-190.92	0.00024
70.71	-197.99	0.00022	63.64	-205.06	0.00020
212.13	-70.71	0.00033	205.06	-77.78	0.00035
197.99	-84.85	0.00038	190.92	-91.92	0.00039
183.85	-98.99	0.00041	176.78	-106.07	0.00042
169.71	-113.14	0.00042	162.63	-120.21	0.00042
159.10	-123.74	0.00041	155.56	-127.28	0.00041

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	0.00041	152.03	-130.81	0.00040
150.61	-132.23	0.00040	149.20	-133.64	0.00040
147.79	-135.06	0.00039	135.06	-147.79	0.00036
133.64	-149.20	0.00036	132.23	-150.61	0.00035
130.81	-152.03	0.00035	129.40	-153.44	0.00034
127.28	-155.56	0.00034	123.74	-159.10	0.00033
120.21	-162.63	0.00032	113.14	-169.71	0.00030
106.07	-176.78	0.00028	98.99	-183.85	0.00026
91.92	-190.92	0.00024	84.85	-197.99	0.00023
77.78	-205.06	0.00021	70.71	-212.13	0.00020
219.20	-77.78	0.00032	212.13	-84.85	0.00034
205.06	-91.92	0.00036	197.99	-98.99	0.00037

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00039	183.85	-113.14	0.00039
176.78	-120.21	0.00040	169.71	-127.28	0.00039
166.17	-130.81	0.00039	162.63	-134.35	0.00038
160.51	-136.47	0.00038	159.10	-137.89	0.00038
157.68	-139.30	0.00038	156.27	-140.71	0.00037
154.86	-142.13	0.00037	142.13	-154.86	0.00034
140.71	-156.27	0.00034	139.30	-157.68	0.00033
137.89	-159.10	0.00033	136.47	-160.51	0.00032
134.35	-162.63	0.00032	130.81	-166.17	0.00031
127.28	-169.71	0.00030	120.21	-176.78	0.00028
113.14	-183.85	0.00026	106.07	-190.92	0.00025
98.99	-197.99	0.00023	91.92	-205.06	0.00022
84.85	-212.13	0.00020	77.78	-219.20	0.00019
226.27	-84.85	0.00030	219.20	-91.92	0.00032
212.13	-98.99	0.00034	205.06	-106.07	0.00035
197.99	-113.14	0.00037	190.92	-120.21	0.00037
183.85	-127.28	0.00037	176.78	-134.35	0.00037
173.24	-137.89	0.00036	169.71	-141.42	0.00036
167.58	-143.54	0.00036	166.17	-144.96	0.00035
164.76	-146.37	0.00035	163.34	-147.79	0.00035
161.93	-149.20	0.00035	149.20	-161.93	0.00032
147.79	-163.34	0.00032	146.37	-164.76	0.00031
144.96	-166.17	0.00031	143.54	-167.58	0.00031
141.42	-169.71	0.00030	137.89	-173.24	0.00029
134.35	-176.78	0.00028	127.28	-183.85	0.00027
120.21	-190.92	0.00025	113.14	-197.99	0.00023
106.07	-205.06	0.00022	98.99	-212.13	0.00021
91.92	-219.20	0.00019	84.85	-226.27	0.00018

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

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

\*\*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	0.00029	226.27	-98.99	0.00031
219.20	-106.07	0.00032	212.13	-113.14	0.00034
205.06	-120.21	0.00035	197.99	-127.28	0.00035
190.92	-134.35	0.00035	183.85	-141.42	0.00035
180.31	-144.96	0.00034	176.78	-148.49	0.00034
174.66	-150.61	0.00034	173.24	-152.03	0.00033

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00033	170.41	-154.86	0.00033
169.00	-156.27	0.00033	156.27	-169.00	0.00030
154.86	-170.41	0.00030	153.44	-171.83	0.00030
152.03	-173.24	0.00029	150.61	-174.66	0.00029
148.49	-176.78	0.00029	144.96	-180.31	0.00028
141.42	-183.85	0.00027	134.35	-190.92	0.00025
127.28	-197.99	0.00024	120.21	-205.06	0.00022
113.14	-212.13	0.00021	106.07	-219.20	0.00020
98.99	-226.27	0.00019	91.92	-233.35	0.00017
240.42	-98.99	0.00028	233.35	-106.07	0.00030
226.27	-113.14	0.00031	219.20	-120.21	0.00032
212.13	-127.28	0.00033	205.06	-134.35	0.00033
197.99	-141.42	0.00033	190.92	-148.49	0.00033
187.38	-152.03	0.00032	183.85	-155.56	0.00032
181.73	-157.68	0.00032	180.31	-159.10	0.00031
178.90	-160.51	0.00031	177.48	-161.93	0.00031
176.07	-163.34	0.00031	163.34	-176.07	0.00029
161.93	-177.48	0.00028	160.51	-178.90	0.00028
159.10	-180.31	0.00028	157.68	-181.73	0.00027
155.56	-183.85	0.00027	152.03	-187.38	0.00026
148.49	-190.92	0.00026	141.42	-197.99	0.00024
134.35	-205.06	0.00023	127.28	-212.13	0.00021
120.21	-219.20	0.00020	113.14	-226.27	0.00019
106.07	-233.35	0.00018	98.99	-240.42	0.00017
247.49	-106.07	0.00027	240.42	-113.14	0.00028
233.35	-120.21	0.00030	226.27	-127.28	0.00030
219.20	-134.35	0.00031	212.13	-141.42	0.00031
205.06	-148.49	0.00031	197.99	-155.56	0.00031
194.45	-159.10	0.00031	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	0.00029
183.14	-170.41	0.00029	170.41	-183.14	0.00027
169.00	-184.55	0.00027	167.58	-185.97	0.00027
166.17	-187.38	0.00026	164.76	-188.80	0.00026

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

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00026	159.10	-194.45	0.00025
155.56	-197.99	0.00024	148.49	-205.06	0.00023
141.42	-212.13	0.00022	134.35	-219.20	0.00020
127.28	-226.27	0.00019	120.21	-233.35	0.00018
113.14	-240.42	0.00017	106.07	-247.49	0.00016

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: 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	0.00011	-113.14	240.42	0.00013
-120.21	233.35	0.00015	-127.28	226.27	0.00017
-134.35	219.20	0.00020	-141.42	212.13	0.00025
-148.49	205.06	0.00032	-155.56	197.99	0.00044
-159.10	194.45	0.00052	-162.63	190.92	0.00062
-164.76	188.80	0.00068	-166.17	187.38	0.00073
-167.58	185.97	0.00078	-169.00	184.55	0.00083
-170.41	183.14	0.00087	-183.14	170.41	0.00097
-184.55	169.00	0.00094	-185.97	167.58	0.00092
-187.38	166.17	0.00089	-188.80	164.76	0.00086
-190.92	162.63	0.00082	-194.45	159.10	0.00075
-197.99	155.56	0.00068	-205.06	148.49	0.00055
-212.13	141.42	0.00045	-219.20	134.35	0.00037
-226.27	127.28	0.00031	-233.35	120.21	0.00026
-240.42	113.14	0.00022	-247.49	106.07	0.00019
-98.99	240.42	0.00012	-106.07	233.35	0.00014
-113.14	226.27	0.00016	-120.21	219.20	0.00019
-127.28	212.13	0.00023	-134.35	205.06	0.00028
-141.42	197.99	0.00036	-148.49	190.92	0.00048
-152.03	187.38	0.00057	-155.56	183.85	0.00069
-157.68	181.73	0.00078	-159.10	180.31	0.00085
-160.51	178.90	0.00092	-161.93	177.48	0.00099
-163.34	176.07	0.00107	-176.07	163.34	0.00119
-177.48	161.93	0.00115	-178.90	160.51	0.00110
-180.31	159.10	0.00105	-181.73	157.68	0.00100
-183.85	155.56	0.00093	-187.38	152.03	0.00083
-190.92	148.49	0.00074	-197.99	141.42	0.00059
-205.06	134.35	0.00048	-212.13	127.28	0.00039
-219.20	120.21	0.00032	-226.27	113.14	0.00027

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00023	-240.42	98.99	0.00020
-91.92	233.35	0.00013	-98.99	226.27	0.00015
-106.07	219.20	0.00017	-113.14	212.13	0.00021
-120.21	205.06	0.00025	-127.28	197.99	0.00032
-134.35	190.92	0.00041	-141.42	183.85	0.00055
-144.96	180.31	0.00066	-148.49	176.78	0.00079
-150.61	174.66	0.00090	-152.03	173.24	0.00097
-153.44	171.83	0.00106	-154.86	170.41	0.00116
-156.27	169.00	0.00127	-169.00	156.27	0.00142
-170.41	154.86	0.00132	-171.83	153.44	0.00124
-173.24	152.03	0.00117	-174.66	150.61	0.00110

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

15:09:05  
 \*\*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	0.00101	-180.31	144.96	0.00089
-183.85	141.42	0.00079	-190.92	134.35	0.00063
-197.99	127.28	0.00051	-205.06	120.21	0.00042
-212.13	113.14	0.00035	-219.20	106.07	0.00029
-226.27	99.00	0.00025	-233.35	91.92	0.00022
-84.85	226.27	0.00014	-91.92	219.20	0.00016
-98.99	212.13	0.00019	-106.07	205.06	0.00023
-113.14	197.99	0.00028	-120.21	190.92	0.00035
-127.28	183.85	0.00046	-134.35	176.78	0.00063
-137.89	173.24	0.00076	-141.42	169.71	0.00093
-143.54	167.58	0.00106	-144.96	166.17	0.00117
-146.37	164.76	0.00129	-147.79	163.34	0.00144
-149.20	161.93	0.00165	-161.93	149.20	0.00165
-163.34	147.79	0.00151	-164.76	146.37	0.00140
-166.17	144.96	0.00130	-167.58	143.54	0.00123
-169.71	141.42	0.00112	-173.24	137.89	0.00099
-176.78	134.35	0.00087	-183.85	127.28	0.00069
-190.92	120.21	0.00056	-197.99	113.14	0.00045
-205.06	106.07	0.00038	-212.13	99.00	0.00032
-219.20	91.92	0.00027	-226.27	84.85	0.00024
-77.78	219.20	0.00015	-84.85	212.13	0.00017
-91.92	205.06	0.00021	-98.99	197.99	0.00025
-106.07	190.92	0.00031	-113.14	183.85	0.00040

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00054	-127.28	169.71	0.00077
-130.81	166.17	0.00097	-134.35	162.63	0.00127
-136.47	160.51	0.00153	-137.89	159.10	0.00175
-139.30	157.68	0.00205	-140.71	156.27	0.00243
-142.13	154.86	0.00296	-154.86	142.13	0.00208
-156.27	140.71	0.00182	-157.68	139.30	0.00163
-159.10	137.89	0.00149	-160.51	136.47	0.00138
-162.63	134.35	0.00124	-166.17	130.81	0.00107
-169.71	127.28	0.00094	-176.78	120.21	0.00074
-183.85	113.14	0.00059	-190.92	106.07	0.00048
-197.99	99.00	0.00040	-205.06	91.92	0.00034
-212.13	84.85	0.00029	-219.20	77.78	0.00025
-70.71	212.13	0.00016	-77.78	205.06	0.00019
-84.85	197.99	0.00023	-91.92	190.92	0.00028
-98.99	183.85	0.00036	-106.07	176.78	0.00048
-113.14	169.71	0.00067	-120.21	162.63	0.00104
-123.74	159.10	0.00136	-127.28	155.56	0.00188

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

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

15:09:05

\*\*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	0.00233	-130.81	152.03	0.00271
-132.23	150.61	0.00317	-133.64	149.20	0.00374
-135.06	147.79	0.00446	-147.79	135.06	0.00265
-149.20	133.64	0.00227	-150.61	132.23	0.00200
-152.03	130.81	0.00178	-153.44	129.40	0.00162
-155.56	127.28	0.00143	-159.10	123.74	0.00119
-162.63	120.21	0.00102	-169.71	113.14	0.00078
-176.78	106.07	0.00063	-183.85	98.99	0.00051
-190.92	91.92	0.00043	-197.99	84.85	0.00036
-205.06	77.78	0.00031	-212.13	70.71	0.00027
-63.64	205.06	0.00018	-70.71	197.99	0.00021
-77.78	190.92	0.00026	-84.85	183.85	0.00033
-91.92	176.78	0.00043	-98.99	169.71	0.00059
-106.07	162.63	0.00086	-113.14	155.56	0.00141
-116.67	152.03	0.00188	-120.21	148.49	0.00258
-122.33	146.37	0.00317	-123.74	144.96	0.00365
-125.16	143.54	0.00422	-126.57	142.13	0.00489

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00570	-140.71	127.99	0.00320
-142.13	126.57	0.00274	-143.54	125.16	0.00239
-144.96	123.74	0.00212	-146.37	122.33	0.00191
-148.49	120.21	0.00165	-152.03	116.67	0.00134
-155.56	113.14	0.00112	-162.63	106.07	0.00083
-169.71	98.99	0.00066	-176.78	91.92	0.00054
-183.85	84.85	0.00045	-190.92	77.78	0.00038
-197.99	70.71	0.00032	-205.06	63.64	0.00028
-56.57	197.99	0.00019	-63.64	190.92	0.00024
-70.71	183.85	0.00030	-77.78	176.78	0.00039
-84.85	169.71	0.00052	-91.92	162.63	0.00073
-98.99	155.56	0.00110	-106.07	148.49	0.00182
-109.60	144.96	0.00240	-113.14	141.42	0.00324
-115.26	139.30	0.00391	-116.67	137.89	0.00445
-118.09	136.47	0.00508	-119.50	135.06	0.00580
-120.92	133.64	0.00663	-133.64	120.92	0.00365
-135.06	119.50	0.00314	-136.47	118.09	0.00275
-137.89	116.67	0.00243	-139.30	115.26	0.00218
-141.42	113.14	0.00187	-144.96	109.60	0.00149
-148.49	106.07	0.00123	-155.56	98.99	0.00090
-162.63	91.92	0.00070	-169.71	84.85	0.00056
-176.78	77.78	0.00047	-183.85	70.71	0.00039
-190.92	63.64	0.00033	-197.99	56.57	0.00029

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

15:09:05  
 \*\*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	0.00022	-56.57	183.85	0.00027
-63.64	176.78	0.00034	-70.71	169.71	0.00045
-77.78	162.63	0.00062	-84.85	155.56	0.00089
-91.92	148.49	0.00136	-98.99	141.42	0.00221
-102.53	137.89	0.00288	-106.07	134.35	0.00381
-108.19	132.23	0.00453	-109.60	130.81	0.00510
-111.02	129.40	0.00574	-112.43	127.99	0.00647
-113.84	126.57	0.00730	-126.57	113.84	0.00400
-127.99	112.43	0.00344	-129.40	111.02	0.00302
-130.81	109.60	0.00268	-132.23	108.19	0.00240
-134.35	106.07	0.00206	-137.89	102.53	0.00164

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00134	-148.49	91.92	0.00097
-155.56	84.85	0.00075	-162.63	77.78	0.00059
-169.71	70.71	0.00048	-176.78	63.64	0.00041
-183.85	56.57	0.00035	-190.92	49.50	0.00030
-42.43	183.85	0.00024	-49.50	176.78	0.00030
-56.57	169.71	0.00039	-63.64	162.63	0.00052
-70.71	155.56	0.00073	-77.78	148.49	0.00106
-84.85	141.42	0.00162	-91.92	134.35	0.00257
-95.46	130.81	0.00329	-98.99	127.28	0.00427
-101.12	125.16	0.00502	-102.53	123.74	0.00559
-103.94	122.33	0.00623	-105.36	120.92	0.00694
-106.77	119.50	0.00776	-119.50	106.77	0.00422
-120.92	105.36	0.00364	-122.33	103.94	0.00320
-123.74	102.53	0.00284	-125.16	101.12	0.00255
-127.28	98.99	0.00219	-130.81	95.46	0.00176
-134.35	91.92	0.00145	-141.42	84.85	0.00105
-148.49	77.78	0.00080	-155.56	70.71	0.00063
-162.63	63.64	0.00051	-169.71	56.57	0.00042
-176.78	49.50	0.00036	-183.85	42.43	0.00031
-35.36	176.78	0.00027	-42.43	169.71	0.00034
-49.50	162.63	0.00045	-56.57	155.56	0.00060
-63.64	148.49	0.00085	-70.71	141.42	0.00123
-77.78	134.35	0.00184	-84.85	127.28	0.00287
-88.39	123.74	0.00364	-91.92	120.21	0.00465
-94.05	118.09	0.00539	-95.46	116.67	0.00596
-96.87	115.26	0.00658	-98.29	113.84	0.00727
-99.70	112.43	0.00805	-112.43	99.70	0.00433
-113.84	98.29	0.00374	-115.26	96.87	0.00330
-116.67	95.46	0.00295	-118.09	94.05	0.00266

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

15:09:05  
 \*\*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	0.00231	-123.74	88.39	0.00187
-127.28	84.85	0.00155	-134.35	77.78	0.00112
-141.42	70.71	0.00085	-148.49	63.64	0.00067
-155.56	56.57	0.00054	-162.63	49.50	0.00044
-169.71	42.43	0.00036	-176.78	35.36	0.00031



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00030	-35.36	162.63	0.00039
-42.43	155.56	0.00051	-49.50	148.49	0.00069
-56.57	141.42	0.00096	-63.64	134.35	0.00138
-70.71	127.28	0.00204	-77.78	120.21	0.00311
-81.32	116.67	0.00390	-84.85	113.14	0.00492
-86.97	111.02	0.00566	-88.39	109.60	0.00622
-89.80	108.19	0.00683	-91.22	106.77	0.00750
-92.63	105.36	0.00824	-105.36	92.63	0.00437
-106.77	91.22	0.00382	-108.19	89.80	0.00339
-109.60	88.39	0.00306	-111.02	86.97	0.00277
-113.14	84.85	0.00242	-116.67	81.32	0.00197
-120.21	77.78	0.00164	-127.28	70.71	0.00118
-134.35	63.64	0.00088	-141.42	56.57	0.00068
-148.49	49.50	0.00055	-155.56	42.43	0.00044
-162.63	35.36	0.00037	-169.71	28.28	0.00031
-21.21	162.63	0.00034	-28.28	155.56	0.00044
-35.36	148.49	0.00058	-42.43	141.42	0.00078
-49.50	134.35	0.00107	-56.57	127.28	0.00152
-63.64	120.21	0.00220	-70.71	113.14	0.00330
-74.25	109.60	0.00409	-77.78	106.07	0.00508
-79.90	103.94	0.00580	-81.32	102.53	0.00633
-82.73	101.12	0.00691	-84.15	99.70	0.00753
-85.56	98.29	0.00817	-98.29	85.56	0.00435
-99.70	84.15	0.00384	-101.12	82.73	0.00343
-102.53	81.32	0.00309	-103.94	79.90	0.00281
-106.07	77.78	0.00246	-109.60	74.25	0.00202
-113.14	70.71	0.00168	-120.21	63.64	0.00121
-127.28	56.57	0.00090	-134.35	49.50	0.00069
-141.42	42.43	0.00055	-148.49	35.36	0.00045
-155.56	28.28	0.00037	-162.63	21.21	0.00031
-14.14	155.56	0.00038	-21.21	148.49	0.00049
-28.28	141.42	0.00064	-35.36	134.35	0.00086
-42.43	127.28	0.00117	-49.50	120.21	0.00162
-56.57	113.14	0.00232	-63.64	106.07	0.00338
-67.18	102.53	0.00411	-70.71	98.99	0.00499

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

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

15:09:05  
 \*\*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 \*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00559	-74.25	95.46	0.00600
-75.66	94.05	0.00640	-77.07	92.63	0.00678
-78.49	91.22	0.00709	-91.22	78.49	0.00405
-92.63	77.07	0.00367	-94.05	75.66	0.00334
-95.46	74.25	0.00305	-96.87	72.83	0.00280
-98.99	70.71	0.00247	-102.53	67.18	0.00203
-106.07	63.64	0.00170	-113.14	56.57	0.00122
-120.21	49.50	0.00091	-127.28	42.43	0.00070
-134.35	35.36	0.00056	-141.42	28.28	0.00045
-148.49	21.21	0.00037	-155.56	14.14	0.00031
-7.07	148.49	0.00042	-14.14	141.42	0.00054
-21.21	134.35	0.00070	-28.28	127.28	0.00092
-35.36	120.21	0.00124	-42.43	113.14	0.00169
-49.50	106.07	0.00235	-56.57	98.99	0.00331
-60.10	95.46	0.00392	-63.64	91.92	0.00458
-65.76	89.80	0.00498	-67.18	88.39	0.00523
-68.59	86.97	0.00546	-70.00	85.56	0.00564
-71.42	84.15	0.00575	-84.15	71.42	0.00360
-85.56	70.00	0.00332	-86.97	68.59	0.00307
-88.39	67.18	0.00285	-89.80	65.76	0.00265
-91.92	63.64	0.00237	-95.46	60.10	0.00199
-98.99	56.57	0.00169	-106.07	49.50	0.00123
-113.14	42.43	0.00092	-120.21	35.36	0.00071
-127.28	28.28	0.00056	-134.35	21.21	0.00045
-141.42	14.14	0.00037	-148.49	7.07	0.00031
0.00	141.42	0.00045	-7.07	134.35	0.00058
-14.14	127.28	0.00074	-21.21	120.21	0.00097
-28.28	113.14	0.00128	-35.36	106.07	0.00171
-42.43	98.99	0.00231	-49.50	91.92	0.00310
-53.03	88.39	0.00356	-56.57	84.85	0.00402
-58.69	82.73	0.00427	-60.10	81.32	0.00442
-61.52	79.90	0.00453	-62.93	78.49	0.00461
-64.35	77.07	0.00463	-77.07	64.35	0.00311
-78.49	62.93	0.00292	-79.90	61.52	0.00274
-81.32	60.10	0.00257	-82.73	58.69	0.00241
-84.85	56.57	0.00220	-88.39	53.03	0.00188
-91.92	49.50	0.00162	-98.99	42.43	0.00122
-106.07	35.36	0.00093	-113.14	28.28	0.00072
-120.21	21.21	0.00056	-127.28	14.14	0.00045
-134.35	7.07	0.00037	-141.42	0.00	0.00031

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05

\*\*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	0.00048	0.00	127.28	0.00061
-7.07	120.21	0.00078	-14.14	113.14	0.00100
-21.21	106.07	0.00129	-28.28	98.99	0.00169
-35.36	91.92	0.00220	-42.43	84.85	0.00282
-45.96	81.32	0.00316	-49.50	77.78	0.00347
-51.62	75.66	0.00362	-53.03	74.25	0.00370
-54.45	72.83	0.00375	-55.86	71.42	0.00377
-57.28	70.00	0.00376	-70.00	57.28	0.00268
-71.42	55.86	0.00253	-72.83	54.45	0.00240
-74.25	53.03	0.00227	-75.66	51.62	0.00215
-77.78	49.50	0.00199	-81.32	45.96	0.00174
-84.85	42.43	0.00152	-91.92	35.36	0.00117
-98.99	28.28	0.00091	-106.07	21.21	0.00072
-113.14	14.14	0.00057	-120.21	7.07	0.00046
-127.28	0.00	0.00038	-134.35	-7.07	0.00031
14.14	127.28	0.00051	7.07	120.21	0.00063
0.00	113.14	0.00080	-7.07	106.07	0.00101
-14.14	98.99	0.00128	-21.21	91.92	0.00162
-28.28	84.85	0.00205	-35.36	77.78	0.00253
-38.89	74.25	0.00277	-42.43	70.71	0.00298
-44.55	68.59	0.00307	-45.96	67.18	0.00310
-47.38	65.76	0.00312	-48.79	64.35	0.00312
-50.20	62.93	0.00310	-62.93	50.20	0.00230
-64.35	48.79	0.00220	-65.76	47.38	0.00209
-67.18	45.96	0.00200	-68.59	44.55	0.00191
-70.71	42.43	0.00178	-74.25	38.89	0.00158
-77.78	35.36	0.00141	-84.85	28.28	0.00111
-91.92	21.21	0.00088	-98.99	14.14	0.00070
-106.07	7.07	0.00057	-113.14	0.00	0.00046
-120.21	-7.07	0.00038	-127.28	-14.14	0.00032
21.21	120.21	0.00053	14.14	113.14	0.00065
7.07	106.07	0.00080	0.00	98.99	0.00100
-7.07	91.92	0.00124	-14.14	84.85	0.00154
-21.21	77.78	0.00188	-28.28	70.71	0.00226
-31.82	67.18	0.00243	-35.36	63.64	0.00256
-37.48	61.52	0.00260	-38.89	60.10	0.00262
-40.31	58.69	0.00262	-41.72	57.28	0.00261

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00258	-55.86	43.13	0.00199
-57.28	41.72	0.00191	-58.69	40.31	0.00183
-60.10	38.89	0.00176	-61.52	37.48	0.00168

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

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

15:09:05

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00158	-67.18	31.82	0.00143
-70.71	28.28	0.00129	-77.78	21.21	0.00105
-84.85	14.14	0.00084	-91.92	7.07	0.00068
-98.99	0.00	0.00056	-106.07	-7.07	0.00046
-113.14	-14.14	0.00038	-120.21	-21.21	0.00032
28.28	113.14	0.00054	21.21	106.07	0.00066
14.14	98.99	0.00080	7.07	91.92	0.00098
0.00	84.85	0.00119	-7.07	77.78	0.00144
-14.14	70.71	0.00172	-21.21	63.64	0.00201
-24.75	60.10	0.00213	-28.28	56.57	0.00220
-30.41	54.45	0.00223	-31.82	53.03	0.00223
-33.23	51.62	0.00223	-34.65	50.20	0.00221
-36.06	48.79	0.00219	-48.79	36.06	0.00173
-50.20	34.65	0.00167	-51.62	33.23	0.00161
-53.03	31.82	0.00155	-54.45	30.41	0.00149
-56.57	28.28	0.00141	-60.10	24.75	0.00128
-63.64	21.21	0.00117	-70.71	14.14	0.00097
-77.78	7.07	0.00080	-84.85	0.00	0.00066
-91.92	-7.07	0.00054	-98.99	-14.14	0.00045
-106.07	-21.21	0.00038	-113.14	-28.28	0.00032
35.36	106.07	0.00055	28.28	98.99	0.00066
21.21	91.92	0.00079	14.14	84.85	0.00094
7.07	77.78	0.00113	0.00	70.71	0.00134
-7.07	63.64	0.00157	-14.14	56.57	0.00179
-17.68	53.03	0.00187	-21.21	49.50	0.00191
-23.33	47.38	0.00192	-24.75	45.96	0.00192
-26.16	44.55	0.00191	-27.58	43.13	0.00189
-28.99	41.72	0.00187	-41.72	28.99	0.00151
-43.13	27.58	0.00146	-44.55	26.16	0.00142
-45.96	24.75	0.00137	-47.38	23.33	0.00133
-49.50	21.21	0.00126	-53.03	17.68	0.00116

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00106	-63.64	7.07	0.00090
-70.71	0.00	0.00076	-77.78	-7.07	0.00063
-84.85	-14.14	0.00053	-91.92	-21.21	0.00044
-98.99	-28.28	0.00037	-106.07	-35.36	0.00032
42.43	98.99	0.00055	35.36	91.92	0.00065
28.28	84.85	0.00076	21.21	77.78	0.00090
14.14	70.71	0.00106	7.07	63.64	0.00124
0.00	56.57	0.00143	-7.07	49.50	0.00159
-10.61	45.96	0.00164	-14.14	42.43	0.00167

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

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

15:09:05

\*\*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
-16.26	40.31	0.00167	-17.68	38.89	0.00166
-19.09	37.48	0.00165	-20.51	36.06	0.00164
-21.92	34.65	0.00162	-34.65	21.92	0.00133
-36.06	20.51	0.00129	-37.48	19.09	0.00126
-38.89	17.68	0.00122	-40.31	16.26	0.00118
-42.43	14.14	0.00113	-45.96	10.61	0.00105
-49.50	7.07	0.00097	-56.57	0.00	0.00083
-63.64	-7.07	0.00071	-70.71	-14.14	0.00060
-77.78	-21.21	0.00051	-84.85	-28.28	0.00043
-91.92	-35.36	0.00037	-98.99	-42.43	0.00031
49.50	91.92	0.00054	42.43	84.85	0.00063
35.36	77.78	0.00074	28.28	70.71	0.00086
21.21	63.64	0.00100	14.14	56.57	0.00115
7.07	49.50	0.00130	0.00	42.43	0.00142
-3.54	38.89	0.00145	-7.07	35.36	0.00147
-9.19	33.23	0.00146	-10.61	31.82	0.00146
-12.02	30.41	0.00145	-13.44	28.99	0.00143
-14.85	27.58	0.00142	-27.58	14.85	0.00118
-28.99	13.44	0.00115	-30.41	12.02	0.00112
-31.82	10.61	0.00109	-33.23	9.19	0.00106
-35.36	7.07	0.00102	-38.89	3.54	0.00095
-42.43	0.00	0.00088	-49.50	-7.07	0.00076
-56.57	-14.14	0.00066	-63.64	-21.21	0.00057
-70.71	-28.28	0.00049	-77.78	-35.36	0.00042
-84.85	-42.43	0.00036	-91.92	-49.50	0.00031

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00053	49.50	77.78	0.00061
42.43	70.71	0.00071	35.36	63.64	0.00081
28.28	56.57	0.00094	21.21	49.50	0.00106
14.14	42.43	0.00118	7.07	35.36	0.00127
3.54	31.82	0.00129	0.00	28.28	0.00130
-2.12	26.16	0.00129	-3.54	24.75	0.00128
-4.95	23.33	0.00127	-6.36	21.92	0.00126
-7.78	20.51	0.00125	-20.51	7.78	0.00105
-21.92	6.36	0.00103	-23.33	4.95	0.00101
-24.75	3.54	0.00098	-26.16	2.12	0.00096
-28.28	0.00	0.00092	-31.82	-3.54	0.00086
-35.36	-7.07	0.00081	-42.43	-14.14	0.00071
-49.50	-21.21	0.00062	-56.57	-28.28	0.00054
-63.64	-35.36	0.00047	-70.71	-42.43	0.00040
-77.78	-49.50	0.00035	-84.85	-56.57	0.00030

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

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

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00052	56.57	70.71	0.00059
49.50	63.64	0.00068	42.43	56.57	0.00077
35.36	49.50	0.00088	28.28	42.43	0.00098
21.21	35.36	0.00108	14.14	28.28	0.00114
10.61	24.75	0.00115	7.07	21.21	0.00115
4.95	19.09	0.00115	3.54	17.68	0.00114
2.12	16.26	0.00113	0.71	14.85	0.00112
-0.71	13.44	0.00111	-13.44	0.71	0.00095
-14.85	-0.71	0.00093	-16.26	-2.12	0.00091
-17.68	-3.54	0.00089	-19.09	-4.95	0.00087
-21.21	-7.07	0.00083	-24.75	-10.61	0.00078
-28.28	-14.14	0.00074	-35.36	-21.21	0.00065
-42.43	-28.28	0.00058	-49.50	-35.36	0.00051
-56.57	-42.43	0.00045	-63.64	-49.50	0.00039
-70.71	-56.57	0.00034	-77.78	-63.64	0.00029
70.71	70.71	0.00050	63.64	63.64	0.00057
56.57	56.57	0.00065	49.50	49.50	0.00073
42.43	42.43	0.00082	35.36	35.36	0.00091
28.28	28.28	0.00099	21.21	21.21	0.00103

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00104	14.14	14.14	0.00103
12.02	12.02	0.00103	10.61	10.61	0.00102
9.19	9.19	0.00101	7.78	7.78	0.00100
6.36	6.36	0.00099	-6.36	-6.36	0.00086
-7.78	-7.78	0.00084	-9.19	-9.19	0.00082
-10.61	-10.61	0.00080	-12.02	-12.02	0.00079
-14.14	-14.14	0.00076	-17.68	-17.68	0.00072
-21.21	-21.21	0.00068	-28.28	-28.28	0.00060
-35.36	-35.36	0.00054	-42.43	-42.43	0.00048
-49.50	-49.50	0.00042	-56.57	-56.57	0.00037
-63.64	-63.64	0.00033	-70.71	-70.71	0.00029
77.78	63.64	0.00048	70.71	56.57	0.00055
63.64	49.50	0.00062	56.57	42.43	0.00069
49.50	35.36	0.00077	42.43	28.28	0.00084
35.36	21.21	0.00090	28.28	14.14	0.00093
24.75	10.61	0.00094	21.21	7.07	0.00093
19.09	4.95	0.00092	17.68	3.54	0.00092
16.26	2.12	0.00091	14.85	0.71	0.00090
13.44	-0.71	0.00089	0.71	-13.44	0.00078
-0.71	-14.85	0.00076	-2.12	-16.26	0.00075
-3.54	-17.68	0.00073	-4.95	-19.09	0.00072

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

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

15:09:05

\*\*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	0.00070	-10.61	-24.75	0.00066
-14.14	-28.28	0.00062	-21.21	-35.36	0.00056
-28.28	-42.43	0.00050	-35.36	-49.50	0.00045
-42.43	-56.57	0.00040	-49.50	-63.64	0.00036
-56.57	-70.71	0.00032	-63.64	-77.78	0.00028
84.85	56.57	0.00047	77.78	49.50	0.00052
70.71	42.43	0.00059	63.64	35.36	0.00065
56.57	28.28	0.00072	49.50	21.21	0.00078
42.43	14.14	0.00083	35.36	7.07	0.00085
31.82	3.54	0.00085	28.28	0.00	0.00084
26.16	-2.12	0.00084	24.75	-3.54	0.00083
23.33	-4.95	0.00082	21.92	-6.36	0.00082
20.51	-7.78	0.00081	7.78	-20.51	0.00071

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00070	4.95	-23.33	0.00068
3.54	-24.75	0.00067	2.12	-26.16	0.00066
0.00	-28.28	0.00064	-3.54	-31.82	0.00061
-7.07	-35.36	0.00058	-14.14	-42.43	0.00052
-21.21	-49.50	0.00047	-28.28	-56.57	0.00042
-35.36	-63.64	0.00038	-42.43	-70.71	0.00034
-49.50	-77.78	0.00031	-56.57	-84.85	0.00027
91.92	49.50	0.00045	84.85	42.43	0.00050
77.78	35.36	0.00056	70.71	28.28	0.00062
63.64	21.21	0.00067	56.57	14.14	0.00072
49.50	7.07	0.00076	42.43	0.00	0.00077
38.89	-3.54	0.00077	35.36	-7.07	0.00077
33.23	-9.19	0.00076	31.82	-10.61	0.00075
30.41	-12.02	0.00075	28.99	-13.44	0.00074
27.58	-14.85	0.00073	14.85	-27.58	0.00065
13.44	-28.99	0.00064	12.02	-30.41	0.00063
10.61	-31.82	0.00062	9.19	-33.23	0.00061
7.07	-35.36	0.00059	3.54	-38.89	0.00056
0.00	-42.43	0.00054	-7.07	-49.50	0.00049
-14.14	-56.57	0.00044	-21.21	-63.64	0.00040
-28.28	-70.71	0.00036	-35.36	-77.78	0.00033
-42.43	-84.85	0.00029	-49.50	-91.92	0.00026
98.99	42.43	0.00043	91.92	35.36	0.00048
84.85	28.28	0.00053	77.78	21.21	0.00058
70.71	14.14	0.00063	63.64	7.07	0.00067
56.57	0.00	0.00070	49.50	-7.07	0.00071
45.96	-10.61	0.00071	42.43	-14.14	0.00070

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

15:09:05  
 \*\*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	0.00069	38.89	-17.68	0.00069
37.48	-19.09	0.00068	36.06	-20.51	0.00068
34.65	-21.92	0.00067	21.92	-34.65	0.00060
20.51	-36.06	0.00059	19.09	-37.48	0.00058
17.68	-38.89	0.00057	16.26	-40.31	0.00056
14.14	-42.43	0.00054	10.61	-45.96	0.00052
7.07	-49.50	0.00050	0.00	-56.57	0.00045



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00041	-14.14	-70.71	0.00038
-21.21	-77.78	0.00034	-28.28	-84.85	0.00031
-35.36	-91.92	0.00028	-42.43	-98.99	0.00026
106.07	35.36	0.00042	98.99	28.28	0.00046
91.92	21.21	0.00051	84.85	14.14	0.00055
77.78	7.07	0.00059	70.71	0.00	0.00063
63.64	-7.07	0.00065	56.57	-14.14	0.00065
53.03	-17.68	0.00065	49.50	-21.21	0.00064
47.38	-23.33	0.00064	45.96	-24.75	0.00063
44.55	-26.16	0.00063	43.13	-27.58	0.00062
41.72	-28.99	0.00062	28.99	-41.72	0.00055
27.58	-43.13	0.00054	26.16	-44.55	0.00053
24.75	-45.96	0.00053	23.33	-47.38	0.00052
21.21	-49.50	0.00050	17.68	-53.03	0.00048
14.14	-56.57	0.00046	7.07	-63.64	0.00042
0.00	-70.71	0.00039	-7.07	-77.78	0.00036
-14.14	-84.85	0.00033	-21.21	-91.92	0.00030
-28.28	-98.99	0.00027	-35.36	-106.07	0.00025
113.14	28.28	0.00040	106.07	21.21	0.00044
98.99	14.14	0.00048	91.92	7.07	0.00052
84.85	0.00	0.00056	77.78	-7.07	0.00058
70.71	-14.14	0.00060	63.64	-21.21	0.00060
60.10	-24.75	0.00060	56.57	-28.28	0.00059
54.45	-30.41	0.00059	53.03	-31.82	0.00058
51.62	-33.23	0.00058	50.20	-34.65	0.00057
48.79	-36.06	0.00057	36.06	-48.79	0.00051
34.65	-50.20	0.00050	33.23	-51.62	0.00049
31.82	-53.03	0.00049	30.41	-54.45	0.00048
28.28	-56.57	0.00047	24.75	-60.10	0.00045
21.21	-63.64	0.00043	14.14	-70.71	0.00040
7.07	-77.78	0.00037	0.00	-84.85	0.00034
-7.07	-91.92	0.00031	-14.14	-98.99	0.00028
-21.21	-106.07	0.00026	-28.28	-113.14	0.00024

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00039	113.14	14.14	0.00042

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00046	98.99	0.00	0.00049
91.92	-7.07	0.00052	84.85	-14.14	0.00054
77.78	-21.21	0.00056	70.71	-28.28	0.00056
67.18	-31.82	0.00055	63.64	-35.36	0.00055
61.52	-37.48	0.00054	60.10	-38.89	0.00054
58.69	-40.31	0.00053	57.28	-41.72	0.00053
55.86	-43.13	0.00052	43.13	-55.86	0.00047
41.72	-57.28	0.00047	40.31	-58.69	0.00046
38.89	-60.10	0.00045	37.48	-61.52	0.00045
35.36	-63.64	0.00044	31.82	-67.18	0.00042
28.28	-70.71	0.00041	21.21	-77.78	0.00037
14.14	-84.85	0.00034	7.07	-91.92	0.00032
0.00	-98.99	0.00029	-7.07	-106.07	0.00027
-14.14	-113.14	0.00025	-21.21	-120.21	0.00023
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00043	106.07	-7.07	0.00046
98.99	-14.14	0.00049	91.92	-21.21	0.00051
84.85	-28.28	0.00052	77.78	-35.36	0.00052
74.25	-38.89	0.00051	70.71	-42.43	0.00051
68.59	-44.55	0.00050	67.18	-45.96	0.00050
65.76	-47.38	0.00049	64.35	-48.79	0.00049
62.93	-50.20	0.00049	50.20	-62.93	0.00044
48.79	-64.35	0.00043	47.38	-65.76	0.00043
45.96	-67.18	0.00042	44.55	-68.59	0.00042
42.43	-70.71	0.00041	38.89	-74.25	0.00039
35.36	-77.78	0.00038	28.28	-84.85	0.00035
21.21	-91.92	0.00033	14.14	-98.99	0.00030
7.07	-106.07	0.00028	0.00	-113.14	0.00026
-7.07	-120.21	0.00024	-14.14	-127.28	0.00022
134.35	7.07	0.00036	127.28	0.00	0.00039
120.21	-7.07	0.00041	113.14	-14.14	0.00044
106.07	-21.21	0.00046	98.99	-28.28	0.00048
91.92	-35.36	0.00048	84.85	-42.43	0.00048
81.32	-45.96	0.00048	77.78	-49.50	0.00047
75.66	-51.62	0.00047	74.25	-53.03	0.00046
72.83	-54.45	0.00046	71.42	-55.86	0.00046
70.00	-57.28	0.00045	57.28	-70.00	0.00041
55.86	-71.42	0.00041	54.45	-72.83	0.00040
53.03	-74.25	0.00040	51.62	-75.66	0.00039

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

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

15:09:05

\*\*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	0.00038	45.96	-81.32	0.00037
42.43	-84.85	0.00036	35.36	-91.92	0.00033
28.28	-98.99	0.00031	21.21	-106.07	0.00029
14.14	-113.14	0.00027	7.07	-120.21	0.00025
0.00	-127.28	0.00023	-7.07	-134.35	0.00021
141.42	0.00	0.00034	134.35	-7.07	0.00037
127.28	-14.14	0.00039	120.21	-21.21	0.00042
113.14	-28.28	0.00043	106.07	-35.36	0.00045
98.99	-42.43	0.00045	91.92	-49.50	0.00045
88.39	-53.03	0.00044	84.85	-56.57	0.00044
82.73	-58.69	0.00043	81.32	-60.10	0.00043
79.90	-61.52	0.00043	78.49	-62.93	0.00042
77.07	-64.35	0.00042	64.35	-77.07	0.00038
62.93	-78.49	0.00038	61.52	-79.90	0.00038
60.10	-81.32	0.00037	58.69	-82.73	0.00037
56.57	-84.85	0.00036	53.03	-88.39	0.00035
49.50	-91.92	0.00034	42.43	-98.99	0.00031
35.36	-106.07	0.00029	28.28	-113.14	0.00027
21.21	-120.21	0.00025	14.14	-127.28	0.00024
7.07	-134.35	0.00022	0.00	-141.42	0.00020
148.49	-7.07	0.00033	141.42	-14.14	0.00035
134.35	-21.21	0.00038	127.28	-28.28	0.00039
120.21	-35.36	0.00041	113.14	-42.43	0.00042
106.07	-49.50	0.00042	98.99	-56.57	0.00042
95.46	-60.10	0.00041	91.92	-63.64	0.00041
89.80	-65.76	0.00041	88.39	-67.18	0.00040
86.97	-68.59	0.00040	85.56	-70.00	0.00040
84.15	-71.42	0.00039	71.42	-84.15	0.00036
70.00	-85.56	0.00036	68.59	-86.97	0.00035
67.18	-88.39	0.00035	65.76	-89.80	0.00034
63.64	-91.92	0.00034	60.10	-95.46	0.00033
56.57	-98.99	0.00032	49.50	-106.07	0.00030
42.43	-113.14	0.00028	35.36	-120.21	0.00026
28.28	-127.28	0.00024	21.21	-134.35	0.00023
14.14	-141.42	0.00021	7.07	-148.49	0.00020
155.56	-14.14	0.00032	148.49	-21.21	0.00034
141.42	-28.28	0.00036	134.35	-35.36	0.00037
127.28	-42.43	0.00039	120.21	-49.50	0.00039
113.14	-56.57	0.00040	106.07	-63.64	0.00039

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53            -67.18            0.00039                          98.99            -70.71            0.00038

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

\*\*\* 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
96.87	-72.83	0.00038	95.46	-74.25	0.00038
94.05	-75.66	0.00038	92.63	-77.07	0.00037
91.22	-78.49	0.00037	78.49	-91.22	0.00034
77.07	-92.63	0.00034	75.66	-94.05	0.00033
74.25	-95.46	0.00033	72.83	-96.87	0.00032
70.71	-98.99	0.00032	67.18	-102.53	0.00031
63.64	-106.07	0.00030	56.57	-113.14	0.00028
49.50	-120.21	0.00026	42.43	-127.28	0.00025
35.36	-134.35	0.00023	28.28	-141.42	0.00022
21.21	-148.49	0.00020	14.14	-155.56	0.00019
162.63	-21.21	0.00030	155.56	-28.28	0.00032
148.49	-35.36	0.00034	141.42	-42.43	0.00035
134.35	-49.50	0.00037	127.28	-56.57	0.00037
120.21	-63.64	0.00037	113.14	-70.71	0.00037
109.60	-74.25	0.00036	106.07	-77.78	0.00036
103.94	-79.90	0.00036	102.53	-81.32	0.00035
101.12	-82.73	0.00035	99.70	-84.15	0.00035
98.29	-85.56	0.00035	85.56	-98.29	0.00032
84.15	-99.70	0.00032	82.73	-101.12	0.00031
81.32	-102.53	0.00031	79.90	-103.94	0.00031
77.78	-106.07	0.00030	74.25	-109.60	0.00029
70.71	-113.14	0.00028	63.64	-120.21	0.00027
56.57	-127.28	0.00025	49.50	-134.35	0.00023
42.43	-141.42	0.00022	35.36	-148.49	0.00021
28.28	-155.56	0.00019	21.21	-162.63	0.00018
169.71	-28.28	0.00029	162.63	-35.36	0.00031
155.56	-42.43	0.00032	148.49	-49.50	0.00034
141.42	-56.57	0.00035	134.35	-63.64	0.00035
127.28	-70.71	0.00035	120.21	-77.78	0.00035
116.67	-81.32	0.00034	113.14	-84.85	0.00034
111.02	-86.97	0.00034	109.60	-88.39	0.00033
108.19	-89.80	0.00033	106.77	-91.22	0.00033
105.36	-92.63	0.00033	92.63	-105.36	0.00030

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00030	89.80	-108.19	0.00030
88.39	-109.60	0.00029	86.97	-111.02	0.00029
84.85	-113.14	0.00029	81.32	-116.67	0.00028
77.78	-120.21	0.00027	70.71	-127.28	0.00025
63.64	-134.35	0.00024	56.57	-141.42	0.00022
49.50	-148.49	0.00021	42.43	-155.56	0.00020
35.36	-162.63	0.00019	28.28	-169.71	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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	0.00028	169.71	-42.43	0.00030
162.63	-49.50	0.00031	155.56	-56.57	0.00032
148.49	-63.64	0.00033	141.42	-70.71	0.00033
134.35	-77.78	0.00033	127.28	-84.85	0.00033
123.74	-88.39	0.00032	120.21	-91.92	0.00032
118.09	-94.05	0.00032	116.67	-95.46	0.00031
115.26	-96.87	0.00031	113.84	-98.29	0.00031
112.43	-99.70	0.00031	99.70	-112.43	0.00029
98.29	-113.84	0.00028	96.87	-115.26	0.00028
95.46	-116.67	0.00028	94.05	-118.09	0.00027
91.92	-120.21	0.00027	88.39	-123.74	0.00026
84.85	-127.28	0.00026	77.78	-134.35	0.00024
70.71	-141.42	0.00023	63.64	-148.49	0.00021
56.57	-155.56	0.00020	49.50	-162.63	0.00019
42.43	-169.71	0.00018	35.36	-176.78	0.00017
183.85	-42.43	0.00027	176.78	-49.50	0.00028
169.71	-56.57	0.00030	162.63	-63.64	0.00030
155.56	-70.71	0.00031	148.49	-77.78	0.00031
141.42	-84.85	0.00031	134.35	-91.92	0.00031
130.81	-95.46	0.00031	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	0.00029
119.50	-106.77	0.00029	106.77	-119.50	0.00027
105.36	-120.92	0.00027	103.94	-122.33	0.00027
102.53	-123.74	0.00026	101.12	-125.16	0.00026
98.99	-127.28	0.00026	95.46	-130.81	0.00025
91.92	-134.35	0.00024	84.85	-141.42	0.00023

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00022	70.71	-155.56	0.00020
63.64	-162.63	0.00019	56.57	-169.71	0.00018
49.50	-176.78	0.00017	42.43	-183.85	0.00016
190.92	-49.50	0.00026	183.85	-56.57	0.00027
176.78	-63.64	0.00028	169.71	-70.71	0.00029
162.63	-77.78	0.00030	155.56	-84.85	0.00030
148.49	-91.92	0.00030	141.42	-98.99	0.00029
137.89	-102.53	0.00029	134.35	-106.07	0.00029
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	0.00026
112.43	-127.99	0.00025	111.02	-129.40	0.00025
109.60	-130.81	0.00025	108.19	-132.23	0.00025

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00024	102.53	-137.89	0.00024
98.99	-141.42	0.00023	91.92	-148.49	0.00022
84.85	-155.56	0.00021	77.78	-162.63	0.00020
70.71	-169.71	0.00019	63.64	-176.78	0.00018
56.57	-183.85	0.00017	49.50	-190.92	0.00016
197.99	-56.57	0.00025	190.92	-63.64	0.00026
183.85	-70.71	0.00027	176.78	-77.78	0.00028
169.71	-84.85	0.00028	162.63	-91.92	0.00028
155.56	-98.99	0.00028	148.49	-106.07	0.00028
144.96	-109.60	0.00027	141.42	-113.14	0.00027
139.30	-115.26	0.00027	137.89	-116.67	0.00027
136.47	-118.09	0.00026	135.06	-119.50	0.00026
133.64	-120.92	0.00026	120.92	-133.64	0.00024
119.50	-135.06	0.00024	118.09	-136.47	0.00024
116.67	-137.89	0.00024	115.26	-139.30	0.00024
113.14	-141.42	0.00023	109.60	-144.96	0.00023
106.07	-148.49	0.00022	98.99	-155.56	0.00021
91.92	-162.63	0.00020	84.85	-169.71	0.00019
77.78	-176.78	0.00018	70.71	-183.85	0.00017
63.64	-190.92	0.00016	56.57	-197.99	0.00015
205.06	-63.64	0.00024	197.99	-70.71	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00026	183.85	-84.85	0.00026
176.78	-91.92	0.00027	169.71	-98.99	0.00027
162.63	-106.07	0.00027	155.56	-113.14	0.00026
152.03	-116.67	0.00026	148.49	-120.21	0.00026
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	0.00023
126.57	-142.13	0.00023	125.16	-143.54	0.00023
123.74	-144.96	0.00023	122.33	-146.37	0.00022
120.21	-148.49	0.00022	116.67	-152.03	0.00022
113.14	-155.56	0.00021	106.07	-162.63	0.00020
98.99	-169.71	0.00019	91.92	-176.78	0.00018
84.85	-183.85	0.00017	77.78	-190.92	0.00016
70.71	-197.99	0.00015	63.64	-205.06	0.00015
212.13	-70.71	0.00023	205.06	-77.78	0.00024
197.99	-84.85	0.00025	190.92	-91.92	0.00025
183.85	-98.99	0.00025	176.78	-106.07	0.00025
169.71	-113.14	0.00025	162.63	-120.21	0.00025
159.10	-123.74	0.00025	155.56	-127.28	0.00024

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

\*\*\* 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	0.00024	152.03	-130.81	0.00024
150.61	-132.23	0.00024	149.20	-133.64	0.00024
147.79	-135.06	0.00024	135.06	-147.79	0.00022
133.64	-149.20	0.00022	132.23	-150.61	0.00022
130.81	-152.03	0.00022	129.40	-153.44	0.00021
127.28	-155.56	0.00021	123.74	-159.10	0.00021
120.21	-162.63	0.00020	113.14	-169.71	0.00019
106.07	-176.78	0.00018	98.99	-183.85	0.00017
91.92	-190.92	0.00016	84.85	-197.99	0.00016
77.78	-205.06	0.00015	70.71	-212.13	0.00014
219.20	-77.78	0.00022	212.13	-84.85	0.00023
205.06	-91.92	0.00024	197.99	-98.99	0.00024
190.92	-106.07	0.00024	183.85	-113.14	0.00024
176.78	-120.21	0.00024	169.71	-127.28	0.00024
166.17	-130.81	0.00023	162.63	-134.35	0.00023

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00023	159.10	-137.89	0.00023
157.68	-139.30	0.00023	156.27	-140.71	0.00023
154.86	-142.13	0.00022	142.13	-154.86	0.00021
140.71	-156.27	0.00021	139.30	-157.68	0.00021
137.89	-159.10	0.00021	136.47	-160.51	0.00020
134.35	-162.63	0.00020	130.81	-166.17	0.00020
127.28	-169.71	0.00019	120.21	-176.78	0.00018
113.14	-183.85	0.00018	106.07	-190.92	0.00017
98.99	-197.99	0.00016	91.92	-205.06	0.00015
84.85	-212.13	0.00014	77.78	-219.20	0.00014
226.27	-84.85	0.00021	219.20	-91.92	0.00022
212.13	-98.99	0.00023	205.06	-106.07	0.00023
197.99	-113.14	0.00023	190.92	-120.21	0.00023
183.85	-127.28	0.00023	176.78	-134.35	0.00023
173.24	-137.89	0.00022	169.71	-141.42	0.00022
167.58	-143.54	0.00022	166.17	-144.96	0.00022
164.76	-146.37	0.00022	163.34	-147.79	0.00022
161.93	-149.20	0.00021	149.20	-161.93	0.00020
147.79	-163.34	0.00020	146.37	-164.76	0.00020
144.96	-166.17	0.00020	143.54	-167.58	0.00020
141.42	-169.71	0.00019	137.89	-173.24	0.00019
134.35	-176.78	0.00018	127.28	-183.85	0.00018
120.21	-190.92	0.00017	113.14	-197.99	0.00016
106.07	-205.06	0.00015	98.99	-212.13	0.00015
91.92	-219.20	0.00014	84.85	-226.27	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	0.00021	226.27	-98.99	0.00021
219.20	-106.07	0.00022	212.13	-113.14	0.00022
205.06	-120.21	0.00022	197.99	-127.28	0.00022
190.92	-134.35	0.00022	183.85	-141.42	0.00022
180.31	-144.96	0.00021	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00021
171.83	-153.44	0.00021	170.41	-154.86	0.00021
169.00	-156.27	0.00020	156.27	-169.00	0.00019
154.86	-170.41	0.00019	153.44	-171.83	0.00019



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00019	150.61	-174.66	0.00019
148.49	-176.78	0.00018	144.96	-180.31	0.00018
141.42	-183.85	0.00018	134.35	-190.92	0.00017
127.28	-197.99	0.00016	120.21	-205.06	0.00015
113.14	-212.13	0.00015	106.07	-219.20	0.00014
98.99	-226.27	0.00013	91.92	-233.35	0.00013
240.42	-98.99	0.00020	233.35	-106.07	0.00020
226.27	-113.14	0.00021	219.20	-120.21	0.00021
212.13	-127.28	0.00021	205.06	-134.35	0.00021
197.99	-141.42	0.00021	190.92	-148.49	0.00021
187.38	-152.03	0.00020	183.85	-155.56	0.00020
181.73	-157.68	0.00020	180.31	-159.10	0.00020
178.90	-160.51	0.00020	177.48	-161.93	0.00020
176.07	-163.34	0.00020	163.34	-176.07	0.00018
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	0.00017
148.49	-190.92	0.00017	141.42	-197.99	0.00016
134.35	-205.06	0.00016	127.28	-212.13	0.00015
120.21	-219.20	0.00014	113.14	-226.27	0.00014
106.07	-233.35	0.00013	98.99	-240.42	0.00012
247.49	-106.07	0.00019	240.42	-113.14	0.00020
233.35	-120.21	0.00020	226.27	-127.28	0.00020
219.20	-134.35	0.00020	212.13	-141.42	0.00020
205.06	-148.49	0.00020	197.99	-155.56	0.00020
194.45	-159.10	0.00020	190.92	-162.63	0.00019
188.80	-164.76	0.00019	187.38	-166.17	0.00019
185.97	-167.58	0.00019	184.55	-169.00	0.00019
183.14	-170.41	0.00019	170.41	-183.14	0.00018
169.00	-184.55	0.00018	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 \*\*\*  
04/20/08

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

15:09:05

\*\*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	0.00017	159.10	-194.45	0.00017
155.56	-197.99	0.00016	148.49	-205.06	0.00016
141.42	-212.13	0.00015	134.35	-219.20	0.00014

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00014	120.21	-233.35	0.00013
113.14	-240.42	0.00012	106.07	-247.49	0.00012

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

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 \*\*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	0.00028	-113.14	240.42	0.00031
-120.21	233.35	0.00035	-127.28	226.27	0.00039
-134.35	219.20	0.00045	-141.42	212.13	0.00053
-148.49	205.06	0.00063	-155.56	197.99	0.00076
-159.10	194.45	0.00086	-162.63	190.92	0.00097
-164.76	188.80	0.00104	-166.17	187.38	0.00109
-167.58	185.97	0.00115	-169.00	184.55	0.00120
-170.41	183.14	0.00125	-183.14	170.41	0.00137
-184.55	169.00	0.00135	-185.97	167.58	0.00132
-187.38	166.17	0.00129	-188.80	164.76	0.00127
-190.92	162.63	0.00122	-194.45	159.10	0.00114
-197.99	155.56	0.00106	-205.06	148.49	0.00093
-212.13	141.42	0.00082	-219.20	134.35	0.00072
-226.27	127.28	0.00064	-233.35	120.21	0.00058
-240.42	113.14	0.00052	-247.49	106.07	0.00048
-98.99	240.42	0.00029	-106.07	233.35	0.00033
-113.14	226.27	0.00037	-120.21	219.20	0.00043
-127.28	212.13	0.00049	-134.35	205.06	0.00057
-141.42	197.99	0.00068	-148.49	190.92	0.00084
-152.03	187.38	0.00095	-155.56	183.85	0.00108
-157.68	181.73	0.00117	-159.10	180.31	0.00124
-160.51	178.90	0.00132	-161.93	177.48	0.00140
-163.34	176.07	0.00148	-176.07	163.34	0.00164
-177.48	161.93	0.00159	-178.90	160.51	0.00154
-180.31	159.10	0.00149	-181.73	157.68	0.00144
-183.85	155.56	0.00137	-187.38	152.03	0.00126
-190.92	148.49	0.00116	-197.99	141.42	0.00100
-205.06	134.35	0.00087	-212.13	127.28	0.00077
-219.20	120.21	0.00068	-226.27	113.14	0.00061
-233.35	106.07	0.00055	-240.42	98.99	0.00050
-91.92	233.35	0.00031	-98.99	226.27	0.00035
-106.07	219.20	0.00040	-113.14	212.13	0.00046

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00053	-127.28	197.99	0.00063
-134.35	190.92	0.00076	-141.42	183.85	0.00094
-144.96	180.31	0.00106	-148.49	176.78	0.00122
-150.61	174.66	0.00133	-152.03	173.24	0.00141
-153.44	171.83	0.00151	-154.86	170.41	0.00161
-156.27	169.00	0.00173	-169.00	156.27	0.00191
-170.41	154.86	0.00182	-171.83	153.44	0.00173
-173.24	152.03	0.00166	-174.66	150.61	0.00159

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

15:09:05  
 \*\*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	0.00150	-180.31	144.96	0.00137
-183.85	141.42	0.00126	-190.92	134.35	0.00108
-197.99	127.28	0.00094	-205.06	120.21	0.00083
-212.13	113.14	0.00074	-219.20	106.07	0.00066
-226.27	99.00	0.00059	-233.35	91.92	0.00054
-84.85	226.27	0.00032	-91.92	219.20	0.00037
-98.99	212.13	0.00042	-106.07	205.06	0.00049
-113.14	197.99	0.00057	-120.21	190.92	0.00068
-127.28	183.85	0.00083	-134.35	176.78	0.00105
-137.89	173.24	0.00121	-141.42	169.71	0.00140
-143.54	167.58	0.00154	-144.96	166.17	0.00165
-146.37	164.76	0.00178	-147.79	163.34	0.00194
-149.20	161.93	0.00216	-161.93	149.20	0.00220
-163.34	147.79	0.00206	-164.76	146.37	0.00195
-166.17	144.96	0.00185	-167.58	143.54	0.00177
-169.71	141.42	0.00166	-173.24	137.89	0.00151
-176.78	134.35	0.00139	-183.85	127.28	0.00118
-190.92	120.21	0.00103	-197.99	113.14	0.00090
-205.06	106.07	0.00079	-212.13	99.00	0.00071
-219.20	91.92	0.00063	-226.27	84.85	0.00057
-77.78	219.20	0.00034	-84.85	212.13	0.00039
-91.92	205.06	0.00045	-98.99	197.99	0.00052
-106.07	190.92	0.00062	-113.14	183.85	0.00075
-120.21	176.78	0.00094	-127.28	169.71	0.00124
-130.81	166.17	0.00146	-134.35	162.63	0.00179
-136.47	160.51	0.00206	-137.89	159.10	0.00230

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00260	-140.71	156.27	0.00299
-142.13	154.86	0.00353	-154.86	142.13	0.00271
-156.27	140.71	0.00244	-157.68	139.30	0.00225
-159.10	137.89	0.00210	-160.51	136.47	0.00199
-162.63	134.35	0.00184	-166.17	130.81	0.00166
-169.71	127.28	0.00152	-176.78	120.21	0.00129
-183.85	113.14	0.00111	-190.92	106.07	0.00097
-197.99	99.00	0.00085	-205.06	91.92	0.00075
-212.13	84.85	0.00067	-219.20	77.78	0.00060
-70.71	212.13	0.00036	-77.78	205.06	0.00042
-84.85	197.99	0.00048	-91.92	190.92	0.00057
-98.99	183.85	0.00069	-106.07	176.78	0.00085
-113.14	169.71	0.00111	-120.21	162.63	0.00155
-123.74	159.10	0.00191	-127.28	155.56	0.00246

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

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

15:09:05

\*\*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	0.00293	-130.81	152.03	0.00332
-132.23	150.61	0.00380	-133.64	149.20	0.00438
-135.06	147.79	0.00511	-147.79	135.06	0.00336
-149.20	133.64	0.00298	-150.61	132.23	0.00270
-152.03	130.81	0.00248	-153.44	129.40	0.00231
-155.56	127.28	0.00210	-159.10	123.74	0.00185
-162.63	120.21	0.00166	-169.71	113.14	0.00139
-176.78	106.07	0.00119	-183.85	98.99	0.00103
-190.92	91.92	0.00090	-197.99	84.85	0.00080
-205.06	77.78	0.00071	-212.13	70.71	0.00064
-63.64	205.06	0.00039	-70.71	197.99	0.00045
-77.78	190.92	0.00053	-84.85	183.85	0.00063
-91.92	176.78	0.00078	-98.99	169.71	0.00099
-106.07	162.63	0.00133	-113.14	155.56	0.00196
-116.67	152.03	0.00248	-120.21	148.49	0.00324
-122.33	146.37	0.00385	-123.74	144.96	0.00435
-125.16	143.54	0.00494	-126.57	142.13	0.00562
-127.99	140.71	0.00644	-140.71	127.99	0.00401
-142.13	126.57	0.00355	-143.54	125.16	0.00320
-144.96	123.74	0.00292	-146.37	122.33	0.00269

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00242	-152.03	116.67	0.00209
-155.56	113.14	0.00185	-162.63	106.07	0.00151
-169.71	98.99	0.00127	-176.78	91.92	0.00110
-183.85	84.85	0.00096	-190.92	77.78	0.00084
-197.99	70.71	0.00075	-205.06	63.64	0.00067
-56.57	197.99	0.00042	-63.64	190.92	0.00049
-70.71	183.85	0.00058	-77.78	176.78	0.00071
-84.85	169.71	0.00089	-91.92	162.63	0.00116
-98.99	155.56	0.00161	-106.07	148.49	0.00243
-109.60	144.96	0.00307	-113.14	141.42	0.00398
-115.26	139.30	0.00469	-116.67	137.89	0.00526
-118.09	136.47	0.00591	-119.50	135.06	0.00664
-120.92	133.64	0.00750	-133.64	120.92	0.00460
-135.06	119.50	0.00408	-136.47	118.09	0.00368
-137.89	116.67	0.00335	-139.30	115.26	0.00308
-141.42	113.14	0.00276	-144.96	109.60	0.00235
-148.49	106.07	0.00206	-155.56	98.99	0.00165
-162.63	91.92	0.00137	-169.71	84.85	0.00116
-176.78	77.78	0.00101	-183.85	70.71	0.00088
-190.92	63.64	0.00078	-197.99	56.57	0.00070

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

15:09:05  
 \*\*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	0.00045	-56.57	183.85	0.00054
-63.64	176.78	0.00064	-70.71	169.71	0.00079
-77.78	162.63	0.00101	-84.85	155.56	0.00135
-91.92	148.49	0.00191	-98.99	141.42	0.00288
-102.53	137.89	0.00362	-106.07	134.35	0.00464
-108.19	132.23	0.00542	-109.60	130.81	0.00602
-111.02	129.40	0.00670	-112.43	127.99	0.00746
-113.84	126.57	0.00832	-126.57	113.84	0.00512
-127.99	112.43	0.00455	-129.40	111.02	0.00411
-130.81	109.60	0.00375	-132.23	108.19	0.00345
-134.35	106.07	0.00308	-137.89	102.53	0.00262
-141.42	98.99	0.00227	-148.49	91.92	0.00179
-155.56	84.85	0.00147	-162.63	77.78	0.00124
-169.71	70.71	0.00106	-176.78	63.64	0.00092

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00082	-190.92	49.50	0.00073
-42.43	183.85	0.00049	-49.50	176.78	0.00059
-56.57	169.71	0.00071	-63.64	162.63	0.00089
-70.71	155.56	0.00116	-77.78	148.49	0.00156
-84.85	141.42	0.00221	-91.92	134.35	0.00330
-95.46	130.81	0.00412	-98.99	127.28	0.00520
-101.12	125.16	0.00603	-102.53	123.74	0.00665
-103.94	122.33	0.00734	-105.36	120.92	0.00811
-106.77	119.50	0.00898	-119.50	106.77	0.00556
-120.92	105.36	0.00495	-122.33	103.94	0.00448
-123.74	102.53	0.00410	-125.16	101.12	0.00378
-127.28	98.99	0.00338	-130.81	95.46	0.00287
-134.35	91.92	0.00248	-141.42	84.85	0.00194
-148.49	77.78	0.00158	-155.56	70.71	0.00132
-162.63	63.64	0.00112	-169.71	56.57	0.00097
-176.78	49.50	0.00085	-183.85	42.43	0.00075
-35.36	176.78	0.00054	-42.43	169.71	0.00064
-49.50	162.63	0.00079	-56.57	155.56	0.00100
-63.64	148.49	0.00131	-70.71	141.42	0.00177
-77.78	134.35	0.00250	-84.85	127.28	0.00368
-88.39	123.74	0.00455	-91.92	120.21	0.00569
-94.05	118.09	0.00653	-95.46	116.67	0.00717
-96.87	115.26	0.00787	-98.29	113.84	0.00864
-99.70	112.43	0.00950	-112.43	99.70	0.00593
-113.84	98.29	0.00530	-115.26	96.87	0.00481
-116.67	95.46	0.00441	-118.09	94.05	0.00407

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

15:09:05  
 \*\*MODELOPTS:  
 PAGE 127

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00365	-123.74	88.39	0.00310
-127.28	84.85	0.00268	-134.35	77.78	0.00208
-141.42	70.71	0.00168	-148.49	63.64	0.00140
-155.56	56.57	0.00118	-162.63	49.50	0.00102
-169.71	42.43	0.00089	-176.78	35.36	0.00078
-28.28	169.71	0.00058	-35.36	162.63	0.00071
-42.43	155.56	0.00088	-49.50	148.49	0.00112
-56.57	141.42	0.00146	-63.64	134.35	0.00198

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00276	-77.78	120.21	0.00402
-81.32	116.67	0.00493	-84.85	113.14	0.00610
-86.97	111.02	0.00695	-88.39	109.60	0.00759
-89.80	108.19	0.00830	-91.22	106.77	0.00908
-92.63	105.36	0.00993	-105.36	92.63	0.00625
-106.77	91.22	0.00560	-108.19	89.80	0.00509
-109.60	88.39	0.00467	-111.02	86.97	0.00432
-113.14	84.85	0.00388	-116.67	81.32	0.00330
-120.21	77.78	0.00286	-127.28	70.71	0.00222
-134.35	63.64	0.00179	-141.42	56.57	0.00148
-148.49	49.50	0.00125	-155.56	42.43	0.00107
-162.63	35.36	0.00093	-169.71	28.28	0.00081
-21.21	162.63	0.00064	-28.28	155.56	0.00078
-35.36	148.49	0.00097	-42.43	141.42	0.00123
-49.50	134.35	0.00161	-56.57	127.28	0.00217
-63.64	120.21	0.00300	-70.71	113.14	0.00432
-74.25	109.60	0.00526	-77.78	106.07	0.00645
-79.90	103.94	0.00731	-81.32	102.53	0.00795
-82.73	101.12	0.00865	-84.15	99.70	0.00944
-85.56	98.29	0.01029	-98.29	85.56	0.00651
-99.70	84.15	0.00586	-101.12	82.73	0.00533
-102.53	81.32	0.00491	-103.94	79.90	0.00454
-106.07	77.78	0.00409	-109.60	74.25	0.00349
-113.14	70.71	0.00302	-120.21	63.64	0.00235
-127.28	56.57	0.00189	-134.35	49.50	0.00155
-141.42	42.43	0.00131	-148.49	35.36	0.00112
-155.56	28.28	0.00097	-162.63	21.21	0.00085
-14.14	155.56	0.00069	-21.21	148.49	0.00085
-28.28	141.42	0.00106	-35.36	134.35	0.00135
-42.43	127.28	0.00176	-49.50	120.21	0.00234
-56.57	113.14	0.00322	-63.64	106.07	0.00458
-67.18	102.53	0.00554	-70.71	98.99	0.00674

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

15:09:05  
 \*\*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	0.00761	-74.25	95.46	0.00826
-75.66	94.05	0.00896	-77.07	92.63	0.00973

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01058	-91.22	78.49	0.00672
-92.63	77.07	0.00607	-94.05	75.66	0.00555
-95.46	74.25	0.00511	-96.87	72.83	0.00474
-98.99	70.71	0.00427	-102.53	67.18	0.00365
-106.07	63.64	0.00317	-113.14	56.57	0.00247
-120.21	49.50	0.00198	-127.28	42.43	0.00163
-134.35	35.36	0.00137	-141.42	28.28	0.00116
-148.49	21.21	0.00101	-155.56	14.14	0.00088
-7.07	148.49	0.00075	-14.14	141.42	0.00092
-21.21	134.35	0.00115	-28.28	127.28	0.00146
-35.36	120.21	0.00189	-42.43	113.14	0.00251
-49.50	106.07	0.00342	-56.57	98.99	0.00482
-60.10	95.46	0.00579	-63.64	91.92	0.00700
-65.76	89.80	0.00787	-67.18	88.39	0.00851
-68.59	86.97	0.00921	-70.00	85.56	0.00997
-71.42	84.15	0.01082	-84.15	71.42	0.00691
-85.56	70.00	0.00625	-86.97	68.59	0.00573
-88.39	67.18	0.00529	-89.80	65.76	0.00491
-91.92	63.64	0.00443	-95.46	60.10	0.00380
-98.99	56.57	0.00331	-106.07	49.50	0.00258
-113.14	42.43	0.00207	-120.21	35.36	0.00170
-127.28	28.28	0.00142	-134.35	21.21	0.00121
-141.42	14.14	0.00104	-148.49	7.07	0.00091
0.00	141.42	0.00081	-7.07	134.35	0.00099
-14.14	127.28	0.00124	-21.21	120.21	0.00157
-28.28	113.14	0.00202	-35.36	106.07	0.00266
-42.43	98.99	0.00361	-49.50	91.92	0.00503
-53.03	88.39	0.00600	-56.57	84.85	0.00722
-58.69	82.73	0.00809	-60.10	81.32	0.00873
-61.52	79.90	0.00943	-62.93	78.49	0.01019
-64.35	77.07	0.01103	-77.07	64.35	0.00708
-78.49	62.93	0.00642	-79.90	61.52	0.00589
-81.32	60.10	0.00544	-82.73	58.69	0.00506
-84.85	56.57	0.00457	-88.39	53.03	0.00393
-91.92	49.50	0.00343	-98.99	42.43	0.00268
-106.07	35.36	0.00216	-113.14	28.28	0.00177
-120.21	21.21	0.00148	-127.28	14.14	0.00126
-134.35	7.07	0.00108	-141.42	0.00	0.00094

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

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00087	0.00	127.28	0.00107
-7.07	120.21	0.00132	-14.14	113.14	0.00167
-21.21	106.07	0.00214	-28.28	98.99	0.00281
-35.36	91.92	0.00377	-42.43	84.85	0.00521
-45.96	81.32	0.00619	-49.50	77.78	0.00741
-51.62	75.66	0.00827	-53.03	74.25	0.00891
-54.45	72.83	0.00961	-55.86	71.42	0.01037
-57.28	70.00	0.01121	-70.00	57.28	0.00723
-71.42	55.86	0.00656	-72.83	54.45	0.00603
-74.25	53.03	0.00558	-75.66	51.62	0.00519
-77.78	49.50	0.00470	-81.32	45.96	0.00404
-84.85	42.43	0.00353	-91.92	35.36	0.00277
-98.99	28.28	0.00223	-106.07	21.21	0.00184
-113.14	14.14	0.00153	-120.21	7.07	0.00130
-127.28	0.00	0.00112	-134.35	-7.07	0.00097
14.14	127.28	0.00093	7.07	120.21	0.00113
0.00	113.14	0.00140	-7.07	106.07	0.00176
-14.14	98.99	0.00225	-21.21	91.92	0.00294
-28.28	84.85	0.00392	-35.36	77.78	0.00537
-38.89	74.25	0.00635	-42.43	70.71	0.00757
-44.55	68.59	0.00844	-45.96	67.18	0.00908
-47.38	65.76	0.00978	-48.79	64.35	0.01053
-50.20	62.93	0.01137	-62.93	50.20	0.00737
-64.35	48.79	0.00669	-65.76	47.38	0.00615
-67.18	45.96	0.00570	-68.59	44.55	0.00531
-70.71	42.43	0.00481	-74.25	38.89	0.00415
-77.78	35.36	0.00363	-84.85	28.28	0.00286
-91.92	21.21	0.00231	-98.99	14.14	0.00190
-106.07	7.07	0.00158	-113.14	0.00	0.00134
-120.21	-7.07	0.00115	-127.28	-14.14	0.00100
21.21	120.21	0.00099	14.14	113.14	0.00120
7.07	106.07	0.00148	0.00	98.99	0.00185
-7.07	91.92	0.00236	-14.14	84.85	0.00306
-21.21	77.78	0.00405	-28.28	70.71	0.00551
-31.82	67.18	0.00650	-35.36	63.64	0.00772
-37.48	61.52	0.00858	-38.89	60.10	0.00922
-40.31	58.69	0.00992	-41.72	57.28	0.01067
-43.13	55.86	0.01151	-55.86	43.13	0.00749
-57.28	41.72	0.00680	-58.69	40.31	0.00626
-60.10	38.89	0.00581	-61.52	37.48	0.00541

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

15:09:05

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00491	-67.18	31.82	0.00424
-70.71	28.28	0.00372	-77.78	21.21	0.00293
-84.85	14.14	0.00237	-91.92	7.07	0.00195
-98.99	0.00	0.00163	-106.07	-7.07	0.00138
-113.14	-14.14	0.00119	-120.21	-21.21	0.00103
28.28	113.14	0.00104	21.21	106.07	0.00126
14.14	98.99	0.00155	7.07	91.92	0.00194
0.00	84.85	0.00245	-7.07	77.78	0.00317
-14.14	70.71	0.00417	-21.21	63.64	0.00564
-24.75	60.10	0.00663	-28.28	56.57	0.00784
-30.41	54.45	0.00871	-31.82	53.03	0.00935
-33.23	51.62	0.01004	-34.65	50.20	0.01080
-36.06	48.79	0.01164	-48.79	36.06	0.00760
-50.20	34.65	0.00691	-51.62	33.23	0.00636
-53.03	31.82	0.00590	-54.45	30.41	0.00550
-56.57	28.28	0.00500	-60.10	24.75	0.00433
-63.64	21.21	0.00379	-70.71	14.14	0.00300
-77.78	7.07	0.00243	-84.85	0.00	0.00201
-91.92	-7.07	0.00168	-98.99	-14.14	0.00142
-106.07	-21.21	0.00122	-113.14	-28.28	0.00105
35.36	106.07	0.00109	28.28	98.99	0.00132
21.21	91.92	0.00162	14.14	84.85	0.00202
7.07	77.78	0.00254	0.00	70.71	0.00327
-7.07	63.64	0.00428	-14.14	56.57	0.00575
-17.68	53.03	0.00674	-21.21	49.50	0.00796
-23.33	47.38	0.00882	-24.75	45.96	0.00946
-26.16	44.55	0.01015	-27.58	43.13	0.01092
-28.99	41.72	0.01175	-41.72	28.99	0.00770
-43.13	27.58	0.00701	-44.55	26.16	0.00644
-45.96	24.75	0.00598	-47.38	23.33	0.00559
-49.50	21.21	0.00508	-53.03	17.68	0.00440
-56.57	14.14	0.00386	-63.64	7.07	0.00306
-70.71	0.00	0.00249	-77.78	-7.07	0.00205
-84.85	-14.14	0.00172	-91.92	-21.21	0.00146

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00125	-106.07	-35.36	0.00108
42.43	98.99	0.00115	35.36	91.92	0.00138
28.28	84.85	0.00169	21.21	77.78	0.00209
14.14	70.71	0.00263	7.07	63.64	0.00336
0.00	56.57	0.00438	-7.07	49.50	0.00585
-10.61	45.96	0.00684	-14.14	42.43	0.00806

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00892	-17.68	38.89	0.00956
-19.09	37.48	0.01025	-20.51	36.06	0.01101
-21.92	34.65	0.01185	-34.65	21.92	0.00778
-36.06	20.51	0.00709	-37.48	19.09	0.00653
-38.89	17.68	0.00606	-40.31	16.26	0.00566
-42.43	14.14	0.00515	-45.96	10.61	0.00447
-49.50	7.07	0.00393	-56.57	0.00	0.00312
-63.64	-7.07	0.00254	-70.71	-14.14	0.00210
-77.78	-21.21	0.00176	-84.85	-28.28	0.00149
-91.92	-35.36	0.00128	-98.99	-42.43	0.00111
49.50	91.92	0.00119	42.43	84.85	0.00144
35.36	77.78	0.00175	28.28	70.71	0.00216
21.21	63.64	0.00270	14.14	56.57	0.00344
7.07	49.50	0.00447	0.00	42.43	0.00595
-3.54	38.89	0.00693	-7.07	35.36	0.00815
-9.19	33.23	0.00901	-10.61	31.82	0.00965
-12.02	30.41	0.01034	-13.44	28.99	0.01110
-14.85	27.58	0.01193	-27.58	14.85	0.00783
-28.99	13.44	0.00715	-30.41	12.02	0.00660
-31.82	10.61	0.00614	-33.23	9.19	0.00573
-35.36	7.07	0.00522	-38.89	3.54	0.00453
-42.43	0.00	0.00399	-49.50	-7.07	0.00317
-56.57	-14.14	0.00258	-63.64	-21.21	0.00214
-70.71	-28.28	0.00180	-77.78	-35.36	0.00152
-84.85	-42.43	0.00131	-91.92	-49.50	0.00113
56.57	84.85	0.00124	49.50	77.78	0.00149
42.43	70.71	0.00181	35.36	63.64	0.00222
28.28	56.57	0.00278	21.21	49.50	0.00352

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00455	7.07	35.36	0.00603
3.54	31.82	0.00702	0.00	28.28	0.00823
-2.12	26.16	0.00909	-3.54	24.75	0.00973
-4.95	23.33	0.01042	-6.36	21.92	0.01117
-7.78	20.51	0.01200	-20.51	7.78	0.00789
-21.92	6.36	0.00721	-23.33	4.95	0.00666
-24.75	3.54	0.00619	-26.16	2.12	0.00579
-28.28	0.00	0.00528	-31.82	-3.54	0.00459
-35.36	-7.07	0.00404	-42.43	-14.14	0.00322
-49.50	-21.21	0.00262	-56.57	-28.28	0.00218
-63.64	-35.36	0.00183	-70.71	-42.43	0.00155
-77.78	-49.50	0.00133	-84.85	-56.57	0.00115

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

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\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00129	56.57	70.71	0.00154
49.50	63.64	0.00186	42.43	56.57	0.00228
35.36	49.50	0.00284	28.28	42.43	0.00359
21.21	35.36	0.00462	14.14	28.28	0.00610
10.61	24.75	0.00709	7.07	21.21	0.00830
4.95	19.09	0.00916	3.54	17.68	0.00980
2.12	16.26	0.01049	0.71	14.85	0.01124
-0.71	13.44	0.01206	-13.44	0.71	0.00795
-14.85	-0.71	0.00727	-16.26	-2.12	0.00672
-17.68	-3.54	0.00625	-19.09	-4.95	0.00585
-21.21	-7.07	0.00533	-24.75	-10.61	0.00464
-28.28	-14.14	0.00409	-35.36	-21.21	0.00326
-42.43	-28.28	0.00266	-49.50	-35.36	0.00221
-56.57	-42.43	0.00186	-63.64	-49.50	0.00158
-70.71	-56.57	0.00135	-77.78	-63.64	0.00117
70.71	70.71	0.00133	63.64	63.64	0.00159
56.57	56.57	0.00192	49.50	49.50	0.00234
42.43	42.43	0.00290	35.36	35.36	0.00365
28.28	28.28	0.00469	21.21	21.21	0.00617
17.68	17.68	0.00716	14.14	14.14	0.00837
12.02	12.02	0.00922	10.61	10.61	0.00986
9.19	9.19	0.01055	7.78	7.78	0.01130

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01213	-6.36	-6.36	0.00801
-7.78	-7.78	0.00732	-9.19	-9.19	0.00677
-10.61	-10.61	0.00630	-12.02	-12.02	0.00589
-14.14	-14.14	0.00538	-17.68	-17.68	0.00468
-21.21	-21.21	0.00413	-28.28	-28.28	0.00330
-35.36	-35.36	0.00270	-42.43	-42.43	0.00224
-49.50	-49.50	0.00189	-56.57	-56.57	0.00160
-63.64	-63.64	0.00138	-70.71	-70.71	0.00119
77.78	63.64	0.00137	70.71	56.57	0.00163
63.64	49.50	0.00196	56.57	42.43	0.00239
49.50	35.36	0.00296	42.43	28.28	0.00371
35.36	21.21	0.00475	28.28	14.14	0.00623
24.75	10.61	0.00721	21.21	7.07	0.00842
19.09	4.95	0.00928	17.68	3.54	0.00991
16.26	2.12	0.01061	14.85	0.71	0.01135
13.44	-0.71	0.01218	0.71	-13.44	0.00805
-0.71	-14.85	0.00737	-2.12	-16.26	0.00681
-3.54	-17.68	0.00634	-4.95	-19.09	0.00594

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

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-7.07	-21.21	0.00542	-10.61	-24.75	0.00472	
-14.14	-28.28	0.00417	-21.21	-35.36	0.00333	
-28.28	-42.43	0.00273	-35.36	-49.50	0.00227	
-42.43	-56.57	0.00191	-49.50	-63.64	0.00163	
-56.57	-70.71	0.00140	-63.64	-77.78	0.00121	
84.85	56.57	0.00141	77.78	49.50	0.00167	
70.71	42.43	0.00201	63.64	35.36	0.00244	
56.57	28.28	0.00301	49.50	21.21	0.00377	
42.43	14.14	0.00480	35.36	7.07	0.00628	
31.82	3.54	0.00726	28.28	0.00	0.00847	
26.16	-2.12	0.00933	24.75	-3.54	0.00997	
23.33	-4.95	0.01065	21.92	-6.36	0.01140	
20.51	-7.78	0.01223	7.78	-20.51	0.00810	
6.36	-21.92	0.00741	4.95	-23.33	0.00685	
3.54	-24.75	0.00638	2.12	-26.16	0.00597	
0.00	-28.28	0.00545	-3.54	-31.82	0.00476	

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00420	-14.14	-42.43	0.00336
-21.21	-49.50	0.00275	-28.28	-56.57	0.00229
-35.36	-63.64	0.00193	-42.43	-70.71	0.00164
-49.50	-77.78	0.00141	-56.57	-84.85	0.00122
91.92	49.50	0.00145	84.85	42.43	0.00171
77.78	35.36	0.00205	70.71	28.28	0.00249
63.64	21.21	0.00306	56.57	14.14	0.00381
49.50	7.07	0.00485	42.43	0.00	0.00633
38.89	-3.54	0.00731	35.36	-7.07	0.00852
33.23	-9.19	0.00938	31.82	-10.61	0.01001
30.41	-12.02	0.01069	28.99	-13.44	0.01145
27.58	-14.85	0.01227	14.85	-27.58	0.00815
13.44	-28.99	0.00745	12.02	-30.41	0.00688
10.61	-31.82	0.00641	9.19	-33.23	0.00601
7.07	-35.36	0.00548	3.54	-38.89	0.00479
0.00	-42.43	0.00423	-7.07	-49.50	0.00339
-14.14	-56.57	0.00278	-21.21	-63.64	0.00231
-28.28	-70.71	0.00195	-35.36	-77.78	0.00166
-42.43	-84.85	0.00143	-49.50	-91.92	0.00124
98.99	42.43	0.00148	91.92	35.36	0.00175
84.85	28.28	0.00209	77.78	21.21	0.00253
70.71	14.14	0.00310	63.64	7.07	0.00386
56.57	0.00	0.00490	49.50	-7.07	0.00637
45.96	-10.61	0.00735	42.43	-14.14	0.00856

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

15:09:05  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00941	38.89	-17.68	0.01005
37.48	-19.09	0.01073	36.06	-20.51	0.01149
34.65	-21.92	0.01232	21.92	-34.65	0.00818
20.51	-36.06	0.00748	19.09	-37.48	0.00691
17.68	-38.89	0.00644	16.26	-40.31	0.00603
14.14	-42.43	0.00551	10.61	-45.96	0.00481
7.07	-49.50	0.00425	0.00	-56.57	0.00341
-7.07	-63.64	0.00280	-14.14	-70.71	0.00233
-21.21	-77.78	0.00197	-28.28	-84.85	0.00168
-35.36	-91.92	0.00144	-42.43	-98.99	0.00125

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00151	98.99	28.28	0.00179
91.92	21.21	0.00213	84.85	14.14	0.00257
77.78	7.07	0.00314	70.71	0.00	0.00390
63.64	-7.07	0.00493	56.57	-14.14	0.00641
53.03	-17.68	0.00739	49.50	-21.21	0.00859
47.38	-23.33	0.00945	45.96	-24.75	0.01008
44.55	-26.16	0.01076	43.13	-27.58	0.01152
41.72	-28.99	0.01235	28.99	-41.72	0.00821
27.58	-43.13	0.00751	26.16	-44.55	0.00694
24.75	-45.96	0.00647	23.33	-47.38	0.00606
21.21	-49.50	0.00554	17.68	-53.03	0.00483
14.14	-56.57	0.00427	7.07	-63.64	0.00343
0.00	-70.71	0.00282	-7.07	-77.78	0.00235
-14.14	-84.85	0.00198	-21.21	-91.92	0.00169
-28.28	-98.99	0.00145	-35.36	-106.07	0.00126
113.14	28.28	0.00155	106.07	21.21	0.00182
98.99	14.14	0.00217	91.92	7.07	0.00260
84.85	0.00	0.00317	77.78	-7.07	0.00393
70.71	-14.14	0.00497	63.64	-21.21	0.00644
60.10	-24.75	0.00742	56.57	-28.28	0.00862
54.45	-30.41	0.00948	53.03	-31.82	0.01011
51.62	-33.23	0.01080	50.20	-34.65	0.01155
48.79	-36.06	0.01237	36.06	-48.79	0.00821
34.65	-50.20	0.00752	33.23	-51.62	0.00696
31.82	-53.03	0.00649	30.41	-54.45	0.00608
28.28	-56.57	0.00556	24.75	-60.10	0.00485
21.21	-63.64	0.00429	14.14	-70.71	0.00345
7.07	-77.78	0.00283	0.00	-84.85	0.00236
-7.07	-91.92	0.00199	-14.14	-98.99	0.00170
-21.21	-106.07	0.00146	-28.28	-113.14	0.00127

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

15:09:05  
 \*\*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	0.00157	113.14	14.14	0.00185
106.07	7.07	0.00220	98.99	0.00	0.00264
91.92	-7.07	0.00321	84.85	-14.14	0.00396
77.78	-21.21	0.00500	70.71	-28.28	0.00647

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00745	63.64	-35.36	0.00865
61.52	-37.48	0.00951	60.10	-38.89	0.01014
58.69	-40.31	0.01082	57.28	-41.72	0.01156
55.86	-43.13	0.01239	43.13	-55.86	0.00822
41.72	-57.28	0.00753	40.31	-58.69	0.00698
38.89	-60.10	0.00650	37.48	-61.52	0.00609
35.36	-63.64	0.00557	31.82	-67.18	0.00487
28.28	-70.71	0.00431	21.21	-77.78	0.00346
14.14	-84.85	0.00284	7.07	-91.92	0.00237
0.00	-98.99	0.00200	-7.07	-106.07	0.00171
-14.14	-113.14	0.00147	-21.21	-120.21	0.00127
127.28	14.14	0.00160	120.21	7.07	0.00188
113.14	0.00	0.00223	106.07	-7.07	0.00267
98.99	-14.14	0.00324	91.92	-21.21	0.00399
84.85	-28.28	0.00502	77.78	-35.36	0.00649
74.25	-38.89	0.00747	70.71	-42.43	0.00867
68.59	-44.55	0.00952	67.18	-45.96	0.01015
65.76	-47.38	0.01084	64.35	-48.79	0.01158
62.93	-50.20	0.01240	50.20	-62.93	0.00823
48.79	-64.35	0.00754	47.38	-65.76	0.00699
45.96	-67.18	0.00651	44.55	-68.59	0.00610
42.43	-70.71	0.00558	38.89	-74.25	0.00488
35.36	-77.78	0.00432	28.28	-84.85	0.00347
21.21	-91.92	0.00285	14.14	-98.99	0.00237
7.07	-106.07	0.00200	0.00	-113.14	0.00171
-7.07	-120.21	0.00147	-14.14	-127.28	0.00128
134.35	7.07	0.00163	127.28	0.00	0.00191
120.21	-7.07	0.00226	113.14	-14.14	0.00269
106.07	-21.21	0.00326	98.99	-28.28	0.00401
91.92	-35.36	0.00504	84.85	-42.43	0.00651
81.32	-45.96	0.00749	77.78	-49.50	0.00869
75.66	-51.62	0.00953	74.25	-53.03	0.01016
72.83	-54.45	0.01085	71.42	-55.86	0.01159
70.00	-57.28	0.01241	57.28	-70.00	0.00824
55.86	-71.42	0.00755	54.45	-72.83	0.00699
53.03	-74.25	0.00652	51.62	-75.66	0.00611

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



16NCRA\_PL91-300\_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	0.00559	45.96	-81.32	0.00488
42.43	-84.85	0.00432	35.36	-91.92	0.00347
28.28	-98.99	0.00285	21.21	-106.07	0.00238
14.14	-113.14	0.00201	7.07	-120.21	0.00171
0.00	-127.28	0.00148	-7.07	-134.35	0.00128
141.42	0.00	0.00165	134.35	-7.07	0.00193
127.28	-14.14	0.00228	120.21	-21.21	0.00272
113.14	-28.28	0.00329	106.07	-35.36	0.00403
98.99	-42.43	0.00506	91.92	-49.50	0.00652
88.39	-53.03	0.00750	84.85	-56.57	0.00869
82.73	-58.69	0.00954	81.32	-60.10	0.01017
79.90	-61.52	0.01086	78.49	-62.93	0.01160
77.07	-64.35	0.01242	64.35	-77.07	0.00824
62.93	-78.49	0.00755	61.52	-79.90	0.00699
60.10	-81.32	0.00651	58.69	-82.73	0.00611
56.57	-84.85	0.00558	53.03	-88.39	0.00488
49.50	-91.92	0.00432	42.43	-98.99	0.00347
35.36	-106.07	0.00285	28.28	-113.14	0.00237
21.21	-120.21	0.00201	14.14	-127.28	0.00171
7.07	-134.35	0.00148	0.00	-141.42	0.00128
148.49	-7.07	0.00167	141.42	-14.14	0.00195
134.35	-21.21	0.00230	127.28	-28.28	0.00274
120.21	-35.36	0.00331	113.14	-42.43	0.00405
106.07	-49.50	0.00507	98.99	-56.57	0.00653
95.46	-60.10	0.00750	91.92	-63.64	0.00870
89.80	-65.76	0.00955	88.39	-67.18	0.01018
86.97	-68.59	0.01086	85.56	-70.00	0.01160
84.15	-71.42	0.01242	71.42	-84.15	0.00824
70.00	-85.56	0.00754	68.59	-86.97	0.00698
67.18	-88.39	0.00651	65.76	-89.80	0.00610
63.64	-91.92	0.00558	60.10	-95.46	0.00487
56.57	-98.99	0.00431	49.50	-106.07	0.00346
42.43	-113.14	0.00284	35.36	-120.21	0.00237
28.28	-127.28	0.00200	21.21	-134.35	0.00171
14.14	-141.42	0.00148	7.07	-148.49	0.00128
155.56	-14.14	0.00169	148.49	-21.21	0.00198
141.42	-28.28	0.00232	134.35	-35.36	0.00276
127.28	-42.43	0.00332	120.21	-49.50	0.00407
113.14	-56.57	0.00508	106.07	-63.64	0.00653
102.53	-67.18	0.00750	98.99	-70.71	0.00870

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00954	95.46	-74.25	0.01017
94.05	-75.66	0.01085	92.63	-77.07	0.01159
91.22	-78.49	0.01241	78.49	-91.22	0.00823
77.07	-92.63	0.00753	75.66	-94.05	0.00696
74.25	-95.46	0.00649	72.83	-96.87	0.00608
70.71	-98.99	0.00556	67.18	-102.53	0.00486
63.64	-106.07	0.00430	56.57	-113.14	0.00345
49.50	-120.21	0.00283	42.43	-127.28	0.00236
35.36	-134.35	0.00199	28.28	-141.42	0.00170
21.21	-148.49	0.00147	14.14	-155.56	0.00129
162.63	-21.21	0.00171	155.56	-28.28	0.00199
148.49	-35.36	0.00234	141.42	-42.43	0.00278
134.35	-49.50	0.00334	127.28	-56.57	0.00408
120.21	-63.64	0.00508	113.14	-70.71	0.00652
109.60	-74.25	0.00749	106.07	-77.78	0.00868
103.94	-79.90	0.00953	102.53	-81.32	0.01015
101.12	-82.73	0.01083	99.70	-84.15	0.01158
98.29	-85.56	0.01240	85.56	-98.29	0.00822
84.15	-99.70	0.00751	82.73	-101.12	0.00694
81.32	-102.53	0.00647	79.90	-103.94	0.00606
77.78	-106.07	0.00554	74.25	-109.60	0.00484
70.71	-113.14	0.00428	63.64	-120.21	0.00343
56.57	-127.28	0.00281	49.50	-134.35	0.00235
42.43	-141.42	0.00198	35.36	-148.49	0.00170
28.28	-155.56	0.00147	21.21	-162.63	0.00128
169.71	-28.28	0.00173	162.63	-35.36	0.00201
155.56	-42.43	0.00236	148.49	-49.50	0.00279
141.42	-56.57	0.00335	134.35	-63.64	0.00409
127.28	-70.71	0.00509	120.21	-77.78	0.00652
116.67	-81.32	0.00748	113.14	-84.85	0.00866
111.02	-86.97	0.00950	109.60	-88.39	0.01013
108.19	-89.80	0.01081	106.77	-91.22	0.01156
105.36	-92.63	0.01238	92.63	-105.36	0.00818
91.22	-106.77	0.00748	89.80	-108.19	0.00691
88.39	-109.60	0.00644	86.97	-111.02	0.00603
84.85	-113.14	0.00551	81.32	-116.67	0.00481

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00425	70.71	-127.28	0.00340
63.64	-134.35	0.00279	56.57	-141.42	0.00233
49.50	-148.49	0.00197	42.43	-155.56	0.00169
35.36	-162.63	0.00147	28.28	-169.71	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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	0.00175	169.71	-42.43	0.00203
162.63	-49.50	0.00237	155.56	-56.57	0.00281
148.49	-63.64	0.00336	141.42	-70.71	0.00409
134.35	-77.78	0.00508	127.28	-84.85	0.00650
123.74	-88.39	0.00746	120.21	-91.92	0.00864
118.09	-94.05	0.00948	116.67	-95.46	0.01010
115.26	-96.87	0.01078	113.84	-98.29	0.01152
112.43	-99.70	0.01234	99.70	-112.43	0.00811
98.29	-113.84	0.00743	96.87	-115.26	0.00687
95.46	-116.67	0.00640	94.05	-118.09	0.00599
91.92	-120.21	0.00547	88.39	-123.74	0.00477
84.85	-127.28	0.00421	77.78	-134.35	0.00337
70.71	-141.42	0.00276	63.64	-148.49	0.00231
56.57	-155.56	0.00196	49.50	-162.63	0.00168
42.43	-169.71	0.00146	35.36	-176.78	0.00128
183.85	-42.43	0.00176	176.78	-49.50	0.00204
169.71	-56.57	0.00239	162.63	-63.64	0.00282
155.56	-70.71	0.00337	148.49	-77.78	0.00409
141.42	-84.85	0.00508	134.35	-91.92	0.00648
130.81	-95.46	0.00743	127.28	-98.99	0.00860
125.16	-101.12	0.00944	123.74	-102.53	0.01006
122.33	-103.94	0.01073	120.92	-105.36	0.01146
119.50	-106.77	0.01227	106.77	-119.50	0.00804
105.36	-120.92	0.00735	103.94	-122.33	0.00680
102.53	-123.74	0.00633	101.12	-125.16	0.00593
98.99	-127.28	0.00541	95.46	-130.81	0.00471
91.92	-134.35	0.00416	84.85	-141.42	0.00333
77.78	-148.49	0.00273	70.71	-155.56	0.00228
63.64	-162.63	0.00194	56.57	-169.71	0.00167
49.50	-176.78	0.00145	42.43	-183.85	0.00127

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00178	183.85	-56.57	0.00205
176.78	-63.64	0.00240	169.71	-70.71	0.00282
162.63	-77.78	0.00337	155.56	-84.85	0.00409
148.49	-91.92	0.00506	141.42	-98.99	0.00646
137.89	-102.53	0.00739	134.35	-106.07	0.00855
132.23	-108.19	0.00938	130.81	-109.60	0.00999
129.40	-111.02	0.01066	127.99	-112.43	0.01139
126.57	-113.84	0.01219	113.84	-126.57	0.00795
112.43	-127.99	0.00727	111.02	-129.40	0.00672
109.60	-130.81	0.00625	108.19	-132.23	0.00585

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

\*\*\* 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	0.00533	102.53	-137.89	0.00464
98.99	-141.42	0.00409	91.92	-148.49	0.00327
84.85	-155.56	0.00269	77.78	-162.63	0.00226
70.71	-169.71	0.00192	63.64	-176.78	0.00166
56.57	-183.85	0.00144	49.50	-190.92	0.00126
197.99	-56.57	0.00179	190.92	-63.64	0.00206
183.85	-70.71	0.00240	176.78	-77.78	0.00283
169.71	-84.85	0.00337	162.63	-91.92	0.00408
155.56	-98.99	0.00505	148.49	-106.07	0.00643
144.96	-109.60	0.00735	141.42	-113.14	0.00849
139.30	-115.26	0.00930	137.89	-116.67	0.00990
136.47	-118.09	0.01057	135.06	-119.50	0.01129
133.64	-120.92	0.01210	120.92	-133.64	0.00784
119.50	-135.06	0.00716	118.09	-136.47	0.00661
116.67	-137.89	0.00614	115.26	-139.30	0.00574
113.14	-141.42	0.00523	109.60	-144.96	0.00455
106.07	-148.49	0.00401	98.99	-155.56	0.00322
91.92	-162.63	0.00266	84.85	-169.71	0.00223
77.78	-176.78	0.00190	70.71	-183.85	0.00164
63.64	-190.92	0.00143	56.57	-197.99	0.00125
205.06	-63.64	0.00179	197.99	-70.71	0.00207
190.92	-77.78	0.00241	183.85	-84.85	0.00283
176.78	-91.92	0.00337	169.71	-98.99	0.00407
162.63	-106.07	0.00503	155.56	-113.14	0.00639

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00729	148.49	-120.21	0.00841
146.37	-122.33	0.00921	144.96	-123.74	0.00980
143.54	-125.16	0.01046	142.13	-126.57	0.01117
140.71	-127.99	0.01196	127.99	-140.71	0.00769
126.57	-142.13	0.00701	125.16	-143.54	0.00647
123.74	-144.96	0.00600	122.33	-146.37	0.00561
120.21	-148.49	0.00511	116.67	-152.03	0.00444
113.14	-155.56	0.00392	106.07	-162.63	0.00316
98.99	-169.71	0.00261	91.92	-176.78	0.00220
84.85	-183.85	0.00188	77.78	-190.92	0.00162
70.71	-197.99	0.00142	63.64	-205.06	0.00125
212.13	-70.71	0.00180	205.06	-77.78	0.00207
197.99	-84.85	0.00240	190.92	-91.92	0.00282
183.85	-98.99	0.00336	176.78	-106.07	0.00406
169.71	-113.14	0.00500	162.63	-120.21	0.00634
159.10	-123.74	0.00723	155.56	-127.28	0.00832

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00911	152.03	-130.81	0.00968
150.61	-132.23	0.01031	149.20	-133.64	0.01101
147.79	-135.06	0.01178	135.06	-147.79	0.00750
133.64	-149.20	0.00682	132.23	-150.61	0.00628
130.81	-152.03	0.00583	129.40	-153.44	0.00545
127.28	-155.56	0.00497	123.74	-159.10	0.00433
120.21	-162.63	0.00384	113.14	-169.71	0.00310
106.07	-176.78	0.00257	98.99	-183.85	0.00217
91.92	-190.92	0.00186	84.85	-197.99	0.00161
77.78	-205.06	0.00140	70.71	-212.13	0.00124
219.20	-77.78	0.00180	212.13	-84.85	0.00207
205.06	-91.92	0.00240	197.99	-98.99	0.00281
190.92	-106.07	0.00334	183.85	-113.14	0.00403
176.78	-120.21	0.00496	169.71	-127.28	0.00628
166.17	-130.81	0.00716	162.63	-134.35	0.00824
160.51	-136.47	0.00899	159.10	-137.89	0.00955
157.68	-139.30	0.01016	156.27	-140.71	0.01082
154.86	-142.13	0.01157	142.13	-154.86	0.00725

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00659	139.30	-157.68	0.00608
137.89	-159.10	0.00565	136.47	-160.51	0.00529
134.35	-162.63	0.00483	130.81	-166.17	0.00423
127.28	-169.71	0.00375	120.21	-176.78	0.00304
113.14	-183.85	0.00253	106.07	-190.92	0.00214
98.99	-197.99	0.00183	91.92	-205.06	0.00158
84.85	-212.13	0.00138	77.78	-219.20	0.00122
226.27	-84.85	0.00180	219.20	-91.92	0.00207
212.13	-98.99	0.00239	205.06	-106.07	0.00280
197.99	-113.14	0.00332	190.92	-120.21	0.00399
183.85	-127.28	0.00491	176.78	-134.35	0.00620
173.24	-137.89	0.00706	169.71	-141.42	0.00811
167.58	-143.54	0.00885	166.17	-144.96	0.00940
164.76	-146.37	0.00999	163.34	-147.79	0.01064
161.93	-149.20	0.01134	149.20	-161.93	0.00700
147.79	-163.34	0.00639	146.37	-164.76	0.00590
144.96	-166.17	0.00550	143.54	-167.58	0.00516
141.42	-169.71	0.00472	137.89	-173.24	0.00413
134.35	-176.78	0.00367	127.28	-183.85	0.00297
120.21	-190.92	0.00247	113.14	-197.99	0.00209
106.07	-205.06	0.00179	98.99	-212.13	0.00155
91.92	-219.20	0.00136	84.85	-226.27	0.00120

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00180	226.27	-98.99	0.00207
219.20	-106.07	0.00239	212.13	-113.14	0.00279
205.06	-120.21	0.00329	197.99	-127.28	0.00396
190.92	-134.35	0.00485	183.85	-141.42	0.00610
180.31	-144.96	0.00693	176.78	-148.49	0.00794
174.66	-150.61	0.00865	173.24	-152.03	0.00917
171.83	-153.44	0.00973	170.41	-154.86	0.01032
169.00	-156.27	0.01094	156.27	-169.00	0.00672
154.86	-170.41	0.00617	153.44	-171.83	0.00570
152.03	-173.24	0.00532	150.61	-174.66	0.00499
148.49	-176.78	0.00457	144.96	-180.31	0.00400
141.42	-183.85	0.00355	134.35	-190.92	0.00288

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00240	120.21	-205.06	0.00203
113.14	-212.13	0.00174	106.07	-219.20	0.00151
98.99	-226.27	0.00133	91.92	-233.35	0.00117
240.42	-98.99	0.00180	233.35	-106.07	0.00206
226.27	-113.14	0.00238	219.20	-120.21	0.00277
212.13	-127.28	0.00326	205.06	-134.35	0.00390
197.99	-141.42	0.00476	190.92	-148.49	0.00593
187.38	-152.03	0.00669	183.85	-155.56	0.00757
181.73	-157.68	0.00815	180.31	-159.10	0.00855
178.90	-160.51	0.00893	177.48	-161.93	0.00929
176.07	-163.34	0.00957	163.34	-176.07	0.00621
161.93	-177.48	0.00579	160.51	-178.90	0.00542
159.10	-180.31	0.00509	157.68	-181.73	0.00479
155.56	-183.85	0.00440	152.03	-187.38	0.00387
148.49	-190.92	0.00344	141.42	-197.99	0.00279
134.35	-205.06	0.00232	127.28	-212.13	0.00197
120.21	-219.20	0.00170	113.14	-226.27	0.00148
106.07	-233.35	0.00130	98.99	-240.42	0.00115
247.49	-106.07	0.00180	240.42	-113.14	0.00205
233.35	-120.21	0.00236	226.27	-127.28	0.00274
219.20	-134.35	0.00321	212.13	-141.42	0.00382
205.06	-148.49	0.00461	197.99	-155.56	0.00564
194.45	-159.10	0.00626	190.92	-162.63	0.00692
188.80	-164.76	0.00730	187.38	-166.17	0.00754
185.97	-167.58	0.00775	184.55	-169.00	0.00791
183.14	-170.41	0.00800	170.41	-183.14	0.00557
169.00	-184.55	0.00526	167.58	-185.97	0.00498
166.17	-187.38	0.00472	164.76	-188.80	0.00448

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00415	159.10	-194.45	0.00369
155.56	-197.99	0.00330	148.49	-205.06	0.00270
141.42	-212.13	0.00225	134.35	-219.20	0.00191
127.28	-226.27	0.00165	120.21	-233.35	0.00144
113.14	-240.42	0.00127	106.07	-247.49	0.00112

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

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

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00824 AT (	161.93, -149.20, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00817 AT (	169.00, -156.27, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00805 AT (	154.86, -142.13, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00776 AT (	147.79, -135.06, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00753 AT (	170.41, -154.86, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00750 AT (	163.34, -147.79, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00730 AT (	140.71, -127.99, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00727 AT (	156.27, -140.71, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00709 AT (	176.07, -163.34, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00694 AT (	149.20, -133.64, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00824 AT (	98.29, -85.56, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00817 AT (	105.36, -92.63, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00805 AT (	91.22, -78.49, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00776 AT (	84.15, -71.42, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00753 AT (	106.77, -91.22, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00750 AT (	99.70, -84.15, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00730 AT (	77.07, -64.35, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00727 AT (	92.63, -77.07, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00709 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00694 AT (	85.56, -70.00, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00824 AT (	34.65, -21.92, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00817 AT (	41.72, -28.99, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00805 AT (	27.58, -14.85, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00776 AT (	20.51, -7.78, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00753 AT (	43.13, -27.58, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00750 AT (	36.06, -20.51, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00730 AT (	13.44, -0.71, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00727 AT (	28.99, -13.44, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00709 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00694 AT (	21.92, -6.36, 0.00,	1.20) DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00824 AT (	-28.99, 41.72, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00817 AT (	-21.92, 34.65, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00805 AT (	-36.06, 48.79, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00776 AT (	-43.13, 55.86, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00753 AT (	-20.51, 36.06, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00750 AT (	-27.58, 43.13, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00730 AT (	-50.20, 62.93, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00727 AT (	-34.65, 50.20, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00709 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00694 AT (	-41.72, 57.28, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00824 AT (	-92.63, 105.36, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00817 AT (	-85.56, 98.29, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00805 AT (	-99.70, 112.43, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00776 AT (	-106.77, 119.50, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00753 AT (	-84.15, 99.70, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00750 AT (	-91.22, 106.77, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00730 AT (	-113.84, 126.57, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00727 AT (	-98.29, 113.84, 0.00,	1.20) DC	NA



		16NCRA_PL91-300_DPM_TRAV_ANN_SE-NW Bound								
	9TH HIGHEST VALUE IS	0.00709	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00694	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01242	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01242	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01241	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01241	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01240	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01240	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01239	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01238	AT (	105.36,	-92.63,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01237	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01235	AT (	41.72,	-28.99,	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 \*\*\*

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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

\*\*\* 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 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*