

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 20:24:25

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW 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 -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 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	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE 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	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	99.0	226.27	1.2
RE DISCCART	91.92	233.35	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	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	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	99.0	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	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	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	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	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	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	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	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	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	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	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	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	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	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	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	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	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 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	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	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	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	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	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	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	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	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	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
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RE DISCCART	0.0	-70.71	1.2
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RE DISCCART	-14.14	-56.57	1.2
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RE DISCCART	-21.21	-49.5	1.2
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RE DISCCART	-26.16	-44.55	1.2
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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

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RE DISCCART -70.71 0.0 1.2  
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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 28.28 -113.14 1.2  
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RE DISCCART -113.14 28.28 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  
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RE DISCCART -21.21 -77.78 1.2

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RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
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RE DISCCART	-55.86	-43.13	1.2
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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	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
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RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2



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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
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RE DISCCART	0.0	-127.28	1.2
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RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
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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
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RE DISCCART	-28.28	-113.14	1.2

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RE DISCCART	-79.9	-61.52	1.2
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RE DISCCART	-84.85	-56.57	1.2
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RE DISCCART	-91.92	-49.5	1.2
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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
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RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
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RE DISCCART	-134.35	-21.21	1.2
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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	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

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RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
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RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
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RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
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RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
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RE DISCCART	-155.56	-42.43	1.2
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RE DISCCART	-56.57	-155.56	1.2
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RE DISCCART	-70.71	-141.42	1.2
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RE DISCCART	-91.92	-120.21	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
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RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
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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	-42.43	-183.85	1.2

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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
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RE DISCCART	-103.94	-122.33	1.2
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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	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
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RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
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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
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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
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RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-70.71	-183.85	1.2
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RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-106.07	-148.49	1.2
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RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
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RE DISCCART	-133.64	-120.92	1.2
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RE DISCCART	-137.89	-116.67	1.2
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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	-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
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RE DISCCART	-140.71	-127.99	1.2
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RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
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RE DISCCART	-176.78	-91.92	1.2
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RE DISCCART	-147.79	-135.06	1.2
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RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
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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	-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
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RE DISCCART	-127.28	-169.71	1.2
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RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
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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	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
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RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
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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
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RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-164.76	-146.37	1.2
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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	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	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
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RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	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
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RE DISCCART	-127.28	-212.13	1.2
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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 -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  
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 RE DISCCART -167.58 -185.97 1.2  
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 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 FINISHED

ME STARTING  
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros02300.asc"  
 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9902 2002  
 ME UAIRDATA 9902 2002  
 ME STARTEND 2002 01 01 1 2002 12 31 24  
 ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\17NCRA-1.DAT



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);
( 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);
( 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);
( 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);

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

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

( 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);
( 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);
( 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);



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);

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

\*\*\* Maximum train overlap at NE/SW 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)

( 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);
( 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);
( 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);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 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);
( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);
( 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);

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 8  
 CONC

URBAN FLAT FLGPOL DFAULT

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

( 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);
( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);
( 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);

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

04/18/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);
( 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);
( 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);
( 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);

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

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW 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)

17NCRA\_SR02-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 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);
( 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);
( 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);
( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW 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)

( 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);  
( 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);  
( 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);  
( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 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);

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

\*\*\* Maximum train overlap at NE/SW 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)

( 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);
( 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);



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW 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);
( 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);

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

( 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);
( -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);
( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -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);
( 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);
```

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

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20:24:25

\*\*MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

```
( 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);
```

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);
( -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);
( 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);
( 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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

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

( 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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);
( 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);
( 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);
( -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);

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

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

( -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);
( -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);
( -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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -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);
```

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

```
( -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);
( -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);
( -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);
( -42.4, -183.9, 0.0, 1.2); ( -49.5, -176.8, 0.0, 1.2);
```

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -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);
```

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

\*\*\* Maximum train overlap at NE/SW 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)

```
( -49.5, -190.9, 0.0, 1.2); ( -56.6, -183.9, 0.0, 1.2);
( -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);
( -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);
```

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);
( -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);

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

20:24:25  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

( -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);
( -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);



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);
( -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);

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

04/18/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

( -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);

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);
( -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);
( -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);
( -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);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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)



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW 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)
02	01	01	01	60.1	1.00	285.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	02	186.9	1.00	285.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	03	125.2	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	04	146.5	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	05	132.4	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	06	111.7	1.25	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	07	105.1	1.65	284.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	08	241.3	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	09	270.6	1.65	285.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	10	322.7	2.41	285.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	11	321.5	4.69	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	12	327.6	4.83	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	13	325.7	3.89	286.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	14	313.8	4.11	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	15	312.2	4.02	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	16	320.8	3.13	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	17	325.1	4.16	287.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	18	326.3	3.80	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	19	320.4	3.53	286.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	20	322.8	4.07	286.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	21	326.3	3.80	286.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	22	341.5	3.04	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	23	307.9	3.35	286.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
02	01	01	24	318.4	4.60	286.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

\*\*\* Maximum train overlap at NE/SW 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
247.49	106.07	0.00009	240.42	113.14	0.00009
233.35	120.21	0.00009	226.27	127.28	0.00009
219.20	134.35	0.00010	212.13	141.42	0.00010
205.06	148.49	0.00010	197.99	155.56	0.00010
194.45	159.10	0.00010	190.92	162.63	0.00010
188.80	164.76	0.00010	187.38	166.17	0.00010
185.97	167.58	0.00010	184.55	169.00	0.00010
183.14	170.41	0.00010	170.41	183.14	0.00010
169.00	184.55	0.00010	167.58	185.97	0.00010
166.17	187.38	0.00010	164.76	188.80	0.00010
162.63	190.92	0.00010	159.10	194.45	0.00010
155.56	197.99	0.00010	148.49	205.06	0.00010
141.42	212.13	0.00010	134.35	219.20	0.00010
127.28	226.27	0.00010	120.21	233.35	0.00009
113.14	240.42	0.00009	106.07	247.49	0.00009
240.42	98.99	0.00009	233.35	106.07	0.00009
226.27	113.14	0.00010	219.20	120.21	0.00010

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08 \*\*\* Maximum train overlap at NE/SW 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
148.49	176.78	0.00011	144.96	180.31	0.00011
141.42	183.85	0.00011	134.35	190.92	0.00011
127.28	197.99	0.00011	120.21	205.06	0.00011
113.14	212.13	0.00010	106.07	219.20	0.00010
99.00	226.27	0.00010	91.92	233.35	0.00010
226.27	84.85	0.00010	219.20	91.92	0.00010
212.13	98.99	0.00010	205.06	106.07	0.00011
197.99	113.14	0.00011	190.92	120.21	0.00011
183.85	127.28	0.00011	176.78	134.35	0.00011
173.24	137.89	0.00011	169.71	141.42	0.00011
167.58	143.54	0.00011	166.17	144.96	0.00011

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* Maximum train overlap at NE/SW 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	0.00013	152.03	130.81	0.00013
150.61	132.23	0.00013	149.20	133.64	0.00013
147.79	135.06	0.00013	135.06	147.79	0.00013
133.64	149.20	0.00013	132.23	150.61	0.00013
130.81	152.03	0.00013	129.40	153.44	0.00013

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 20:24:25  
 \*\*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      \*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*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
91.92	120.21	0.00016	88.39	123.74	0.00016
84.85	127.28	0.00016	77.78	134.35	0.00016
70.71	141.42	0.00016	63.64	148.49	0.00016
56.57	155.56	0.00016	49.50	162.63	0.00016
42.43	169.71	0.00016	35.36	176.78	0.00016
169.71	28.28	0.00014	162.63	35.36	0.00014
155.56	42.43	0.00015	148.49	49.50	0.00015
141.42	56.57	0.00016	134.35	63.64	0.00016
127.28	70.71	0.00017	120.21	77.78	0.00017
116.67	81.32	0.00017	113.14	84.85	0.00017
111.02	86.97	0.00017	109.60	88.39	0.00017
108.19	89.80	0.00017	106.77	91.22	0.00017
105.36	92.63	0.00017	92.63	105.36	0.00018
91.22	106.77	0.00018	89.80	108.19	0.00017
88.39	109.60	0.00017	86.97	111.02	0.00017
84.85	113.14	0.00017	81.32	116.67	0.00017
77.78	120.21	0.00017	70.71	127.28	0.00017
63.64	134.35	0.00017	56.57	141.42	0.00017
49.50	148.49	0.00017	42.43	155.56	0.00017
35.36	162.63	0.00017	28.28	169.71	0.00017
162.63	21.21	0.00015	155.56	28.28	0.00015
148.49	35.36	0.00016	141.42	42.43	0.00016
134.35	49.50	0.00017	127.28	56.57	0.00017
120.21	63.64	0.00018	113.14	70.71	0.00018
109.60	74.25	0.00018	106.07	77.78	0.00018
103.94	79.90	0.00018	102.53	81.32	0.00018
101.12	82.73	0.00019	99.70	84.15	0.00019
98.29	85.56	0.00019	85.56	98.29	0.00019
84.15	99.70	0.00019	82.73	101.12	0.00019
81.32	102.53	0.00019	79.90	103.94	0.00018
77.78	106.07	0.00018	74.25	109.60	0.00018
70.71	113.14	0.00018	63.64	120.21	0.00018
56.57	127.28	0.00018	49.50	134.35	0.00018
42.43	141.42	0.00018	35.36	148.49	0.00018
28.28	155.56	0.00018	21.21	162.63	0.00018
155.56	14.14	0.00015	148.49	21.21	0.00016
141.42	28.28	0.00017	134.35	35.36	0.00017



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00022	78.49	62.93	0.00022
77.07	64.35	0.00022	64.35	77.07	0.00023
62.93	78.49	0.00023	61.52	79.90	0.00022
60.10	81.32	0.00022	58.69	82.73	0.00022
56.57	84.85	0.00022	53.03	88.39	0.00022
49.50	91.92	0.00022	42.43	98.99	0.00022
35.36	106.07	0.00021	28.28	113.14	0.00021
21.21	120.21	0.00021	14.14	127.28	0.00022
7.07	134.35	0.00022	0.00	141.42	0.00022

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00018	127.28	0.00	0.00019
120.21	7.07	0.00020	113.14	14.14	0.00020
106.07	21.21	0.00021	98.99	28.28	0.00022
91.92	35.36	0.00023	84.85	42.43	0.00023
81.32	45.96	0.00023	77.78	49.50	0.00024
75.66	51.62	0.00024	74.25	53.03	0.00024
72.83	54.45	0.00024	71.42	55.86	0.00024
70.00	57.28	0.00024	57.28	70.00	0.00024
55.86	71.42	0.00024	54.45	72.83	0.00024
53.03	74.25	0.00024	51.62	75.66	0.00024
49.50	77.78	0.00024	45.96	81.32	0.00024
42.43	84.85	0.00024	35.36	91.92	0.00023
28.28	98.99	0.00023	21.21	106.07	0.00023
14.14	113.14	0.00023	7.07	120.21	0.00023
0.00	127.28	0.00023	-7.07	134.35	0.00023
127.28	-14.14	0.00019	120.21	-7.07	0.00020
113.14	0.00	0.00021	106.07	7.07	0.00022
98.99	14.14	0.00022	91.92	21.21	0.00023
84.85	28.28	0.00024	77.78	35.36	0.00025
74.25	38.89	0.00025	70.71	42.43	0.00025
68.59	44.55	0.00026	67.18	45.96	0.00026
65.76	47.38	0.00026	64.35	48.79	0.00026
62.93	50.20	0.00026	50.20	62.93	0.00026
48.79	64.35	0.00026	47.38	65.76	0.00026
45.96	67.18	0.00026	44.55	68.59	0.00026

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00026	38.89	74.25	0.00025
35.36	77.78	0.00025	28.28	84.85	0.00025
21.21	91.92	0.00025	14.14	98.99	0.00025
7.07	106.07	0.00025	0.00	113.14	0.00025
-7.07	120.21	0.00025	-14.14	127.28	0.00025
120.21	-21.21	0.00020	113.14	-14.14	0.00021
106.07	-7.07	0.00022	98.99	0.00	0.00023
91.92	7.07	0.00024	84.85	14.14	0.00025
77.78	21.21	0.00026	70.71	28.28	0.00027
67.18	31.82	0.00027	63.64	35.36	0.00027
61.52	37.48	0.00028	60.10	38.89	0.00028
58.69	40.31	0.00028	57.28	41.72	0.00028
55.86	43.13	0.00028	43.13	55.86	0.00028
41.72	57.28	0.00028	40.31	58.69	0.00028
38.89	60.10	0.00028	37.48	61.52	0.00028

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 30

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00028	31.82	67.18	0.00027
28.28	70.71	0.00027	21.21	77.78	0.00027
14.14	84.85	0.00026	7.07	91.92	0.00027
0.00	98.99	0.00027	-7.07	106.07	0.00027
-14.14	113.14	0.00027	-21.21	120.21	0.00027
113.14	-28.28	0.00021	106.07	-21.21	0.00022
98.99	-14.14	0.00023	91.92	-7.07	0.00024
84.85	0.00	0.00026	77.78	7.07	0.00027
70.71	14.14	0.00028	63.64	21.21	0.00029
60.10	24.75	0.00029	56.57	28.28	0.00030
54.45	30.41	0.00030	53.03	31.82	0.00030
51.62	33.23	0.00030	50.20	34.65	0.00030
48.79	36.06	0.00030	36.06	48.79	0.00030
34.65	50.20	0.00030	33.23	51.62	0.00030
31.82	53.03	0.00030	30.41	54.45	0.00030
28.28	56.57	0.00030	24.75	60.10	0.00030
21.21	63.64	0.00029	14.14	70.71	0.00029
7.07	77.78	0.00029	0.00	84.85	0.00029
-7.07	91.92	0.00029	-14.14	98.99	0.00029

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00029	-28.28	113.14	0.00029
106.07	-35.36	0.00023	98.99	-28.28	0.00024
91.92	-21.21	0.00025	84.85	-14.14	0.00026
77.78	-7.07	0.00027	70.71	0.00	0.00029
63.64	7.07	0.00030	56.57	14.14	0.00031
53.03	17.68	0.00032	49.50	21.21	0.00032
47.38	23.33	0.00032	45.96	24.75	0.00032
44.55	26.16	0.00032	43.13	27.58	0.00033
41.72	28.99	0.00033	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	0.00032	17.68	53.03	0.00032
14.14	56.57	0.00032	7.07	63.64	0.00031
0.00	70.71	0.00031	-7.07	77.78	0.00031
-14.14	84.85	0.00032	-21.21	91.92	0.00032
-28.28	98.99	0.00032	-35.36	106.07	0.00032
98.99	-42.43	0.00024	91.92	-35.36	0.00025
84.85	-28.28	0.00027	77.78	-21.21	0.00028
70.71	-14.14	0.00029	63.64	-7.07	0.00031
56.57	0.00	0.00032	49.50	7.07	0.00034
45.96	10.61	0.00034	42.43	14.14	0.00035

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00035	38.89	17.68	0.00035
37.48	19.09	0.00035	36.06	20.51	0.00035
34.65	21.92	0.00035	21.92	34.65	0.00036
20.51	36.06	0.00036	19.09	37.48	0.00035
17.68	38.89	0.00035	16.26	40.31	0.00035
14.14	42.43	0.00035	10.61	45.96	0.00035
7.07	49.50	0.00034	0.00	56.57	0.00034
-7.07	63.64	0.00034	-14.14	70.71	0.00034
-21.21	77.78	0.00034	-28.28	84.85	0.00035
-35.36	91.92	0.00035	-42.43	98.99	0.00035
91.92	-49.50	0.00026	84.85	-42.43	0.00027
77.78	-35.36	0.00028	70.71	-28.28	0.00030
63.64	-21.21	0.00032	56.57	-14.14	0.00033

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00035	42.43	0.00	0.00036
38.89	3.54	0.00037	35.36	7.07	0.00038
33.23	9.19	0.00038	31.82	10.61	0.00038
30.41	12.02	0.00038	28.99	13.44	0.00039
27.58	14.85	0.00039	14.85	27.58	0.00039
13.44	28.99	0.00039	12.02	30.41	0.00039
10.61	31.82	0.00039	9.19	33.23	0.00038
7.07	35.36	0.00038	3.54	38.89	0.00038
0.00	42.43	0.00038	-7.07	49.50	0.00037
-14.14	56.57	0.00037	-21.21	63.64	0.00037
-28.28	70.71	0.00038	-35.36	77.78	0.00038
-42.43	84.85	0.00038	-49.50	91.92	0.00038
84.85	-56.57	0.00027	77.78	-49.50	0.00029
70.71	-42.43	0.00031	63.64	-35.36	0.00032
56.57	-28.28	0.00034	49.50	-21.21	0.00036
42.43	-14.14	0.00038	35.36	-7.07	0.00040
31.82	-3.54	0.00041	28.28	0.00	0.00041
26.16	2.12	0.00042	24.75	3.54	0.00042
23.33	4.95	0.00042	21.92	6.36	0.00042
20.51	7.78	0.00042	7.78	20.51	0.00043
6.36	21.92	0.00043	4.95	23.33	0.00042
3.54	24.75	0.00042	2.12	26.16	0.00042
0.00	28.28	0.00042	-3.54	31.82	0.00041
-7.07	35.36	0.00041	-14.14	42.43	0.00041
-21.21	49.50	0.00041	-28.28	56.57	0.00041
-35.36	63.64	0.00042	-42.43	70.71	0.00042
-49.50	77.78	0.00042	-56.57	84.85	0.00042

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

20:24:25  
 \*\*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
77.78	-63.64	0.00029	70.71	-56.57	0.00031
63.64	-49.50	0.00033	56.57	-42.43	0.00035
49.50	-35.36	0.00037	42.43	-28.28	0.00039
35.36	-21.21	0.00041	28.28	-14.14	0.00044
24.75	-10.61	0.00044	21.21	-7.07	0.00045
19.09	-4.95	0.00046	17.68	-3.54	0.00046
16.26	-2.12	0.00046	14.85	-0.71	0.00047

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00047	0.71	13.44	0.00047
-0.71	14.85	0.00047	-2.12	16.26	0.00047
-3.54	17.68	0.00047	-4.95	19.09	0.00046
-7.07	21.21	0.00046	-10.61	24.75	0.00046
-14.14	28.28	0.00045	-21.21	35.36	0.00045
-28.28	42.43	0.00045	-35.36	49.50	0.00046
-42.43	56.57	0.00046	-49.50	63.64	0.00046
-56.57	70.71	0.00046	-63.64	77.78	0.00046
70.71	-70.71	0.00031	63.64	-63.64	0.00033
56.57	-56.57	0.00035	49.50	-49.50	0.00038
42.43	-42.43	0.00040	35.36	-35.36	0.00043
28.28	-28.28	0.00045	21.21	-21.21	0.00048
17.68	-17.68	0.00049	14.14	-14.14	0.00050
12.02	-12.02	0.00051	10.61	-10.61	0.00051
9.19	-9.19	0.00051	7.78	-7.78	0.00052
6.36	-6.36	0.00052	-6.36	6.36	0.00052
-7.78	7.78	0.00052	-9.19	9.19	0.00052
-10.61	10.61	0.00052	-12.02	12.02	0.00051
-14.14	14.14	0.00051	-17.68	17.68	0.00051
-21.21	21.21	0.00050	-28.28	28.28	0.00050
-35.36	35.36	0.00050	-42.43	42.43	0.00051
-49.50	49.50	0.00051	-56.57	56.57	0.00051
-63.64	63.64	0.00051	-70.71	70.71	0.00051
63.64	-77.78	0.00034	56.57	-70.71	0.00036
49.50	-63.64	0.00038	42.43	-56.57	0.00041
35.36	-49.50	0.00044	28.28	-42.43	0.00047
21.21	-35.36	0.00050	14.14	-28.28	0.00053
10.61	-24.75	0.00054	7.07	-21.21	0.00056
4.95	-19.09	0.00056	3.54	-17.68	0.00057
2.12	-16.26	0.00057	0.71	-14.85	0.00057
-0.71	-13.44	0.00058	-13.44	-0.71	0.00058
-14.85	0.71	0.00058	-16.26	2.12	0.00058
-17.68	3.54	0.00057	-19.09	4.95	0.00057

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

20:24:25  
 \*\*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
-21.21	7.07	0.00057	-24.75	10.61	0.00056

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00056	-35.36	21.21	0.00056
-42.43	28.28	0.00056	-49.50	35.36	0.00057
-56.57	42.43	0.00057	-63.64	49.50	0.00057
-70.71	56.57	0.00057	-77.78	63.64	0.00057
56.57	-84.85	0.00037	49.50	-77.78	0.00039
42.43	-70.71	0.00042	35.36	-63.64	0.00044
28.28	-56.57	0.00048	21.21	-49.50	0.00051
14.14	-42.43	0.00055	7.07	-35.36	0.00059
3.54	-31.82	0.00060	0.00	-28.28	0.00062
-2.12	-26.16	0.00063	-3.54	-24.75	0.00063
-4.95	-23.33	0.00064	-6.36	-21.92	0.00064
-7.78	-20.51	0.00065	-20.51	-7.78	0.00065
-21.92	-6.36	0.00065	-23.33	-4.95	0.00065
-24.75	-3.54	0.00064	-26.16	-2.12	0.00064
-28.28	0.00	0.00064	-31.82	3.54	0.00063
-35.36	7.07	0.00063	-42.43	14.14	0.00063
-49.50	21.21	0.00064	-56.57	28.28	0.00064
-63.64	35.36	0.00064	-70.71	42.43	0.00064
-77.78	49.50	0.00064	-84.85	56.57	0.00064
49.50	-91.92	0.00040	42.43	-84.85	0.00042
35.36	-77.78	0.00045	28.28	-70.71	0.00048
21.21	-63.64	0.00052	14.14	-56.57	0.00056
7.07	-49.50	0.00061	0.00	-42.43	0.00065
-3.54	-38.89	0.00067	-7.07	-35.36	0.00070
-9.19	-33.23	0.00071	-10.61	-31.82	0.00071
-12.02	-30.41	0.00072	-13.44	-28.99	0.00073
-14.85	-27.58	0.00073	-27.58	-14.85	0.00074
-28.99	-13.44	0.00073	-30.41	-12.02	0.00073
-31.82	-10.61	0.00073	-33.23	-9.19	0.00072
-35.36	-7.07	0.00072	-38.89	-3.54	0.00071
-42.43	0.00	0.00071	-49.50	7.07	0.00072
-56.57	14.14	0.00072	-63.64	21.21	0.00073
-70.71	28.28	0.00073	-77.78	35.36	0.00073
-84.85	42.43	0.00073	-91.92	49.50	0.00072
42.43	-98.99	0.00043	35.36	-91.92	0.00046
28.28	-84.85	0.00049	21.21	-77.78	0.00053
14.14	-70.71	0.00057	7.07	-63.64	0.00062
0.00	-56.57	0.00067	-7.07	-49.50	0.00073
-10.61	-45.96	0.00076	-14.14	-42.43	0.00078

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00080	-17.68	-38.89	0.00081
-19.09	-37.48	0.00082	-20.51	-36.06	0.00082
-21.92	-34.65	0.00083	-34.65	-21.92	0.00084
-36.06	-20.51	0.00084	-37.48	-19.09	0.00083
-38.89	-17.68	0.00083	-40.31	-16.26	0.00082
-42.43	-14.14	0.00082	-45.96	-10.61	0.00081
-49.50	-7.07	0.00081	-56.57	0.00	0.00082
-63.64	7.07	0.00083	-70.71	14.14	0.00083
-77.78	21.21	0.00083	-84.85	28.28	0.00083
-91.92	35.36	0.00082	-98.99	42.43	0.00080
35.36	-106.07	0.00047	28.28	-98.99	0.00050
21.21	-91.92	0.00054	14.14	-84.85	0.00058
7.07	-77.78	0.00063	0.00	-70.71	0.00069
-7.07	-63.64	0.00075	-14.14	-56.57	0.00082
-17.68	-53.03	0.00086	-21.21	-49.50	0.00089
-23.33	-47.38	0.00091	-24.75	-45.96	0.00092
-26.16	-44.55	0.00093	-27.58	-43.13	0.00094
-28.99	-41.72	0.00095	-41.72	-28.99	0.00097
-43.13	-27.58	0.00096	-44.55	-26.16	0.00096
-45.96	-24.75	0.00095	-47.38	-23.33	0.00095
-49.50	-21.21	0.00094	-53.03	-17.68	0.00094
-56.57	-14.14	0.00094	-63.64	-7.07	0.00095
-70.71	0.00	0.00096	-77.78	7.07	0.00096
-84.85	14.14	0.00096	-91.92	21.21	0.00095
-98.99	28.28	0.00093	-106.07	35.36	0.00090
28.28	-113.14	0.00051	21.21	-106.07	0.00055
14.14	-98.99	0.00060	7.07	-91.92	0.00065
0.00	-84.85	0.00070	-7.07	-77.78	0.00077
-14.14	-70.71	0.00085	-21.21	-63.64	0.00093
-24.75	-60.10	0.00098	-28.28	-56.57	0.00102
-30.41	-54.45	0.00105	-31.82	-53.03	0.00106
-33.23	-51.62	0.00108	-34.65	-50.20	0.00109
-36.06	-48.79	0.00110	-48.79	-36.06	0.00112
-50.20	-34.65	0.00112	-51.62	-33.23	0.00111
-53.03	-31.82	0.00111	-54.45	-30.41	0.00110
-56.57	-28.28	0.00110	-60.10	-24.75	0.00110
-63.64	-21.21	0.00110	-70.71	-14.14	0.00111
-77.78	-7.07	0.00113	-84.85	0.00	0.00113
-91.92	7.07	0.00112	-98.99	14.14	0.00109



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00124	-42.43	-84.85	0.00140
-45.96	-81.32	0.00150	-49.50	-77.78	0.00160
-51.62	-75.66	0.00167	-53.03	-74.25	0.00171
-54.45	-72.83	0.00176	-55.86	-71.42	0.00180
-57.28	-70.00	0.00184	-70.00	-57.28	0.00192
-71.42	-55.86	0.00191	-72.83	-54.45	0.00191
-74.25	-53.03	0.00191	-75.66	-51.62	0.00191

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

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\*\*MODELOPTs:  
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00192	-81.32	-45.96	0.00194
-84.85	-42.43	0.00196	-91.92	-35.36	0.00199
-98.99	-28.28	0.00196	-106.07	-21.21	0.00188
-113.14	-14.14	0.00178	-120.21	-7.07	0.00166
-127.28	0.00	0.00153	-134.35	7.07	0.00140
0.00	-141.42	0.00076	-7.07	-134.35	0.00083
-14.14	-127.28	0.00092	-21.21	-120.21	0.00102
-28.28	-113.14	0.00113	-35.36	-106.07	0.00126
-42.43	-98.99	0.00142	-49.50	-91.92	0.00162
-53.03	-88.39	0.00175	-56.57	-84.85	0.00189
-58.69	-82.73	0.00198	-60.10	-81.32	0.00204
-61.52	-79.90	0.00210	-62.93	-78.49	0.00217
-64.35	-77.07	0.00223	-77.07	-64.35	0.00239
-78.49	-62.93	0.00238	-79.90	-61.52	0.00239
-81.32	-60.10	0.00239	-82.73	-58.69	0.00240
-84.85	-56.57	0.00242	-88.39	-53.03	0.00246
-91.92	-49.50	0.00249	-98.99	-42.43	0.00248
-106.07	-35.36	0.00239	-113.14	-28.28	0.00224
-120.21	-21.21	0.00206	-127.28	-14.14	0.00188
-134.35	-7.07	0.00170	-141.42	0.00	0.00153
-7.07	-148.49	0.00083	-14.14	-141.42	0.00093
-21.21	-134.35	0.00103	-28.28	-127.28	0.00115
-35.36	-120.21	0.00129	-42.43	-113.14	0.00145
-49.50	-106.07	0.00165	-56.57	-98.99	0.00189
-60.10	-95.46	0.00204	-63.64	-91.92	0.00222
-65.76	-89.80	0.00235	-67.18	-88.39	0.00244
-68.59	-86.97	0.00253	-70.00	-85.56	0.00263

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00273	-84.15	-71.42	0.00307
-85.56	-70.00	0.00308	-86.97	-68.59	0.00309
-88.39	-67.18	0.00312	-89.80	-65.76	0.00314
-91.92	-63.64	0.00318	-95.46	-60.10	0.00322
-98.99	-56.57	0.00323	-106.07	-49.50	0.00310
-113.14	-42.43	0.00288	-120.21	-35.36	0.00262
-127.28	-28.28	0.00235	-134.35	-21.21	0.00209
-141.42	-14.14	0.00186	-148.49	-7.07	0.00164
-14.14	-155.56	0.00091	-21.21	-148.49	0.00102
-28.28	-141.42	0.00115	-35.36	-134.35	0.00130
-42.43	-127.28	0.00148	-49.50	-120.21	0.00168
-56.57	-113.14	0.00192	-63.64	-106.07	0.00222
-67.18	-102.53	0.00240	-70.71	-98.99	0.00263

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 37

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00279	-74.25	-95.46	0.00291
-75.66	-94.05	0.00305	-77.07	-92.63	0.00319
-78.49	-91.22	0.00335	-91.22	-78.49	0.00415
-92.63	-77.07	0.00419	-94.05	-75.66	0.00424
-95.46	-74.25	0.00428	-96.87	-72.83	0.00431
-98.99	-70.71	0.00432	-102.53	-67.18	0.00428
-106.07	-63.64	0.00416	-113.14	-56.57	0.00380
-120.21	-49.50	0.00339	-127.28	-42.43	0.00298
-134.35	-35.36	0.00260	-141.42	-28.28	0.00226
-148.49	-21.21	0.00197	-155.56	-14.14	0.00172
-21.21	-162.63	0.00100	-28.28	-155.56	0.00113
-35.36	-148.49	0.00128	-42.43	-141.42	0.00146
-49.50	-134.35	0.00168	-56.57	-127.28	0.00194
-63.64	-120.21	0.00225	-70.71	-113.14	0.00263
-74.25	-109.60	0.00286	-77.78	-106.07	0.00315
-79.90	-103.94	0.00336	-81.32	-102.53	0.00351
-82.73	-101.12	0.00370	-84.15	-99.70	0.00391
-85.56	-98.29	0.00417	-98.29	-85.56	0.00611
-99.70	-84.15	0.00608	-101.12	-82.73	0.00603
-102.53	-81.32	0.00596	-103.94	-79.90	0.00587
-106.07	-77.78	0.00571	-109.60	-74.25	0.00541

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00507	-120.21	-63.64	0.00440
-127.28	-56.57	0.00378	-134.35	-49.50	0.00323
-141.42	-42.43	0.00276	-148.49	-35.36	0.00236
-155.56	-28.28	0.00203	-162.63	-21.21	0.00175
-28.28	-169.71	0.00108	-35.36	-162.63	0.00123
-42.43	-155.56	0.00142	-49.50	-148.49	0.00164
-56.57	-141.42	0.00190	-63.64	-134.35	0.00222
-70.71	-127.28	0.00261	-77.78	-120.21	0.00310
-81.32	-116.67	0.00341	-84.85	-113.14	0.00379
-86.97	-111.02	0.00408	-88.39	-109.60	0.00430
-89.80	-108.19	0.00455	-91.22	-106.77	0.00488
-92.63	-105.36	0.00528	-105.36	-92.63	0.00740
-106.77	-91.22	0.00714	-108.19	-89.80	0.00693
-109.60	-88.39	0.00675	-111.02	-86.97	0.00657
-113.14	-84.85	0.00632	-116.67	-81.32	0.00589
-120.21	-77.78	0.00546	-127.28	-70.71	0.00465
-134.35	-63.64	0.00393	-141.42	-56.57	0.00331
-148.49	-49.50	0.00279	-155.56	-42.43	0.00236
-162.63	-35.36	0.00201	-169.71	-28.28	0.00172

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

\*\*\* Maximum train overlap at NE/SW 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
-35.36	-176.78	0.00116	-42.43	-169.71	0.00133
-49.50	-162.63	0.00154	-56.57	-155.56	0.00180
-63.64	-148.49	0.00210	-70.71	-141.42	0.00247
-77.78	-134.35	0.00291	-84.85	-127.28	0.00344
-88.39	-123.74	0.00376	-91.92	-120.21	0.00414
-94.05	-118.09	0.00442	-95.46	-116.67	0.00463
-96.87	-115.26	0.00488	-98.29	-113.84	0.00517
-99.70	-112.43	0.00554	-112.43	-99.70	0.00738
-113.84	-98.29	0.00712	-115.26	-96.87	0.00690
-116.67	-95.46	0.00671	-118.09	-94.05	0.00654
-120.21	-91.92	0.00627	-123.74	-88.39	0.00583
-127.28	-84.85	0.00540	-134.35	-77.78	0.00459
-141.42	-70.71	0.00386	-148.49	-63.64	0.00322
-155.56	-56.57	0.00270	-162.63	-49.50	0.00227
-169.71	-42.43	0.00192	-176.78	-35.36	0.00163

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00123	-49.50	-176.78	0.00141
-56.57	-169.71	0.00164	-63.64	-162.63	0.00191
-70.71	-155.56	0.00223	-77.78	-148.49	0.00260
-84.85	-141.42	0.00304	-91.92	-134.35	0.00357
-95.46	-130.81	0.00387	-98.99	-127.28	0.00423
-101.12	-125.16	0.00448	-102.53	-123.74	0.00467
-103.94	-122.33	0.00489	-105.36	-120.92	0.00515
-106.77	-119.50	0.00549	-119.50	-106.77	0.00725
-120.92	-105.36	0.00698	-122.33	-103.94	0.00677
-123.74	-102.53	0.00658	-125.16	-101.12	0.00640
-127.28	-98.99	0.00612	-130.81	-95.46	0.00568
-134.35	-91.92	0.00524	-141.42	-84.85	0.00440
-148.49	-77.78	0.00366	-155.56	-70.71	0.00303
-162.63	-63.64	0.00252	-169.71	-56.57	0.00210
-176.78	-49.50	0.00177	-183.85	-42.43	0.00150
-49.50	-190.92	0.00126	-56.57	-183.85	0.00145
-63.64	-176.78	0.00167	-70.71	-169.71	0.00194
-77.78	-162.63	0.00226	-84.85	-155.56	0.00264
-91.92	-148.49	0.00308	-98.99	-141.42	0.00357
-102.53	-137.89	0.00385	-106.07	-134.35	0.00416
-108.19	-132.23	0.00438	-109.60	-130.81	0.00455
-111.02	-129.40	0.00474	-112.43	-127.99	0.00498
-113.84	-126.57	0.00529	-126.57	-113.84	0.00703
-127.99	-112.43	0.00676	-129.40	-111.02	0.00654
-130.81	-109.60	0.00634	-132.23	-108.19	0.00615

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

\*\*\* Maximum train overlap at NE/SW 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
-134.35	-106.07	0.00588	-137.89	-102.53	0.00543
-141.42	-98.99	0.00498	-148.49	-91.92	0.00412
-155.56	-84.85	0.00337	-162.63	-77.78	0.00276
-169.71	-70.71	0.00227	-176.78	-63.64	0.00188
-183.85	-56.57	0.00158	-190.92	-49.50	0.00133
-56.57	-197.99	0.00126	-63.64	-190.92	0.00144
-70.71	-183.85	0.00166	-77.78	-176.78	0.00193
-84.85	-169.71	0.00224	-91.92	-162.63	0.00261
-98.99	-155.56	0.00302	-106.07	-148.49	0.00347

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00371	-113.14	-141.42	0.00397
-115.26	-139.30	0.00416	-116.67	-137.89	0.00430
-118.09	-136.47	0.00448	-119.50	-135.06	0.00470
-120.92	-133.64	0.00499	-133.64	-120.92	0.00671
-135.06	-119.50	0.00643	-136.47	-118.09	0.00620
-137.89	-116.67	0.00600	-139.30	-115.26	0.00580
-141.42	-113.14	0.00552	-144.96	-109.60	0.00506
-148.49	-106.07	0.00460	-155.56	-98.99	0.00373
-162.63	-91.92	0.00300	-169.71	-84.85	0.00242
-176.78	-77.78	0.00197	-183.85	-70.71	0.00163
-190.92	-63.64	0.00136	-197.99	-56.57	0.00114
-63.64	-205.06	0.00122	-70.71	-197.99	0.00140
-77.78	-190.92	0.00161	-84.85	-183.85	0.00187
-91.92	-176.78	0.00217	-98.99	-169.71	0.00251
-106.07	-162.63	0.00289	-113.14	-155.56	0.00328
-116.67	-152.03	0.00348	-120.21	-148.49	0.00369
-122.33	-146.37	0.00384	-123.74	-144.96	0.00396
-125.16	-143.54	0.00411	-126.57	-142.13	0.00430
-127.99	-140.71	0.00457	-140.71	-127.99	0.00622
-142.13	-126.57	0.00594	-143.54	-125.16	0.00570
-144.96	-123.74	0.00549	-146.37	-122.33	0.00529
-148.49	-120.21	0.00499	-152.03	-116.67	0.00450
-155.56	-113.14	0.00403	-162.63	-106.07	0.00319
-169.71	-98.99	0.00253	-176.78	-91.92	0.00202
-183.85	-84.85	0.00164	-190.92	-77.78	0.00134
-197.99	-70.71	0.00112	-205.06	-63.64	0.00094
-70.71	-212.13	0.00117	-77.78	-205.06	0.00133
-84.85	-197.99	0.00153	-91.92	-190.92	0.00176
-98.99	-183.85	0.00203	-106.07	-176.78	0.00234
-113.14	-169.71	0.00267	-120.21	-162.63	0.00300
-123.74	-159.10	0.00315	-127.28	-155.56	0.00331

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

20:24:25  
 \*\*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	0.00343	-130.81	-152.03	0.00352
-132.23	-150.61	0.00364	-133.64	-149.20	0.00379
-135.06	-147.79	0.00401	-147.79	-135.06	0.00550

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00520	-150.61	-132.23	0.00495
-152.03	-130.81	0.00472	-153.44	-129.40	0.00450
-155.56	-127.28	0.00418	-159.10	-123.74	0.00368
-162.63	-120.21	0.00323	-169.71	-113.14	0.00251
-176.78	-106.07	0.00197	-183.85	-98.99	0.00157
-190.92	-91.92	0.00127	-197.99	-84.85	0.00105
-205.06	-77.78	0.00088	-212.13	-70.71	0.00075
-77.78	-219.20	0.00110	-84.85	-212.13	0.00124
-91.92	-205.06	0.00141	-98.99	-197.99	0.00161
-106.07	-190.92	0.00184	-113.14	-183.85	0.00210
-120.21	-176.78	0.00237	-127.28	-169.71	0.00262
-130.81	-166.17	0.00273	-134.35	-162.63	0.00284
-136.47	-160.51	0.00291	-137.89	-159.10	0.00297
-139.30	-157.68	0.00305	-140.71	-156.27	0.00315
-142.13	-154.86	0.00331	-154.86	-142.13	0.00434
-156.27	-140.71	0.00402	-157.68	-139.30	0.00374
-159.10	-137.89	0.00349	-160.51	-136.47	0.00326
-162.63	-134.35	0.00296	-166.17	-130.81	0.00255
-169.71	-127.28	0.00221	-176.78	-120.21	0.00172
-183.85	-113.14	0.00137	-190.92	-106.07	0.00111
-197.99	-98.99	0.00092	-205.06	-91.92	0.00078
-212.13	-84.85	0.00066	-219.20	-77.78	0.00057
-84.85	-226.27	0.00101	-91.92	-219.20	0.00113
-98.99	-212.13	0.00128	-106.07	-205.06	0.00144
-113.14	-197.99	0.00162	-120.21	-190.92	0.00180
-127.28	-183.85	0.00198	-134.35	-176.78	0.00213
-137.89	-173.24	0.00218	-141.42	-169.71	0.00222
-143.54	-167.58	0.00224	-144.96	-166.17	0.00226
-146.37	-164.76	0.00229	-147.79	-163.34	0.00233
-149.20	-161.93	0.00241	-161.93	-149.20	0.00229
-163.34	-147.79	0.00202	-164.76	-146.37	0.00184
-166.17	-144.96	0.00170	-167.58	-143.54	0.00160
-169.71	-141.42	0.00147	-173.24	-137.89	0.00131
-176.78	-134.35	0.00119	-183.85	-127.28	0.00100
-190.92	-120.21	0.00085	-197.99	-113.14	0.00073
-205.06	-106.07	0.00064	-212.13	-98.99	0.00055
-219.20	-91.92	0.00049	-226.27	-84.85	0.00043

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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 ,



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW\_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
-91.92	-233.35	0.00090	-98.99	-226.27	0.00100
-106.07	-219.20	0.00111	-113.14	-212.13	0.00123
-120.21	-205.06	0.00135	-127.28	-197.99	0.00146
-134.35	-190.92	0.00154	-141.42	-183.85	0.00155
-144.96	-180.31	0.00151	-148.49	-176.78	0.00145
-150.61	-174.66	0.00139	-152.03	-173.24	0.00134
-153.44	-171.83	0.00129	-154.86	-170.41	0.00123
-156.27	-169.00	0.00116	-169.00	-156.27	0.00086
-170.41	-154.86	0.00083	-171.83	-153.44	0.00079
-173.24	-152.03	0.00077	-174.66	-150.61	0.00075
-176.78	-148.49	0.00072	-180.31	-144.96	0.00068
-183.85	-141.42	0.00065	-190.92	-134.35	0.00060
-197.99	-127.28	0.00055	-205.06	-120.21	0.00050
-212.13	-113.14	0.00045	-219.20	-106.07	0.00040
-226.27	-98.99	0.00036	-233.35	-91.92	0.00033
-98.99	-240.42	0.00079	-106.07	-233.35	0.00086
-113.14	-226.27	0.00093	-120.21	-219.20	0.00100
-127.28	-212.13	0.00107	-134.35	-205.06	0.00112
-141.42	-197.99	0.00112	-148.49	-190.92	0.00107
-152.03	-187.38	0.00102	-155.56	-183.85	0.00094
-157.68	-181.73	0.00088	-159.10	-180.31	0.00084
-160.51	-178.90	0.00079	-161.93	-177.48	0.00075
-163.34	-176.07	0.00071	-176.07	-163.34	0.00069
-177.48	-161.93	0.00067	-178.90	-160.51	0.00065
-180.31	-159.10	0.00063	-181.73	-157.68	0.00061
-183.85	-155.56	0.00059	-187.38	-152.03	0.00055
-190.92	-148.49	0.00051	-197.99	-141.42	0.00046
-205.06	-134.35	0.00041	-212.13	-127.28	0.00038
-219.20	-120.21	0.00034	-226.27	-113.14	0.00031
-233.35	-106.07	0.00028	-240.42	-98.99	0.00026
-106.07	-247.49	0.00067	-113.14	-240.42	0.00072
-120.21	-233.35	0.00077	-127.28	-226.27	0.00081
-134.35	-219.20	0.00085	-141.42	-212.13	0.00086
-148.49	-205.06	0.00085	-155.56	-197.99	0.00078
-159.10	-194.45	0.00072	-162.63	-190.92	0.00065
-164.76	-188.80	0.00061	-166.17	-187.38	0.00058
-167.58	-185.97	0.00056	-169.00	-184.55	0.00054
-170.41	-183.14	0.00053	-183.14	-170.41	0.00058
-184.55	-169.00	0.00056	-185.97	-167.58	0.00055
-187.38	-166.17	0.00053	-188.80	-164.76	0.00051

04/18/08

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*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
-190.92	-162.63	0.00049	-194.45	-159.10	0.00046
-197.99	-155.56	0.00044	-205.06	-148.49	0.00039
-212.13	-141.42	0.00035	-219.20	-134.35	0.00032
-226.27	-127.28	0.00029	-233.35	-120.21	0.00026
-240.42	-113.14	0.00024	-247.49	-106.07	0.00022

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*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
247.49	106.07	0.00013	240.42	113.14	0.00013
233.35	120.21	0.00014	226.27	127.28	0.00014
219.20	134.35	0.00014	212.13	141.42	0.00015
205.06	148.49	0.00015	197.99	155.56	0.00015
194.45	159.10	0.00015	190.92	162.63	0.00015
188.80	164.76	0.00016	187.38	166.17	0.00016
185.97	167.58	0.00016	184.55	169.00	0.00016
183.14	170.41	0.00016	170.41	183.14	0.00016
169.00	184.55	0.00016	167.58	185.97	0.00016
166.17	187.38	0.00016	164.76	188.80	0.00016
162.63	190.92	0.00016	159.10	194.45	0.00015
155.56	197.99	0.00015	148.49	205.06	0.00015
141.42	212.13	0.00015	134.35	219.20	0.00015
127.28	226.27	0.00015	120.21	233.35	0.00015
113.14	240.42	0.00015	106.07	247.49	0.00015
240.42	98.99	0.00013	233.35	106.07	0.00014
226.27	113.14	0.00014	219.20	120.21	0.00015
212.13	127.28	0.00015	205.06	134.35	0.00015
197.99	141.42	0.00016	190.92	148.49	0.00016
187.38	152.03	0.00016	183.85	155.56	0.00016

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00016	180.31	159.10	0.00016
178.90	160.51	0.00016	177.48	161.93	0.00016
176.07	163.34	0.00017	163.34	176.07	0.00017
161.93	177.48	0.00017	160.51	178.90	0.00017
159.10	180.31	0.00016	157.68	181.73	0.00016
155.56	183.85	0.00016	152.03	187.38	0.00016
148.49	190.92	0.00016	141.42	197.99	0.00016
134.35	205.06	0.00016	127.28	212.13	0.00016
120.21	219.20	0.00016	113.14	226.27	0.00016
106.07	233.35	0.00016	98.99	240.42	0.00016
233.35	91.92	0.00014	226.27	98.99	0.00014
219.20	106.07	0.00015	212.13	113.14	0.00015
205.06	120.21	0.00016	197.99	127.28	0.00016
190.92	134.35	0.00017	183.85	141.42	0.00017
180.31	144.96	0.00017	176.78	148.49	0.00017
174.66	150.61	0.00017	173.24	152.03	0.00017
171.83	153.44	0.00017	170.41	154.86	0.00017
169.00	156.27	0.00017	156.27	169.00	0.00018
154.86	170.41	0.00018	153.44	171.83	0.00017
152.03	173.24	0.00017	150.61	174.66	0.00017

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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
148.49	176.78	0.00017	144.96	180.31	0.00017
141.42	183.85	0.00017	134.35	190.92	0.00017
127.28	197.99	0.00017	120.21	205.06	0.00017
113.14	212.13	0.00017	106.07	219.20	0.00017
99.00	226.27	0.00017	91.92	233.35	0.00017
226.27	84.85	0.00015	219.20	91.92	0.00015
212.13	98.99	0.00016	205.06	106.07	0.00016
197.99	113.14	0.00017	190.92	120.21	0.00017
183.85	127.28	0.00018	176.78	134.35	0.00018
173.24	137.89	0.00018	169.71	141.42	0.00018
167.58	143.54	0.00018	166.17	144.96	0.00018
164.76	146.37	0.00019	163.34	147.79	0.00019
161.93	149.20	0.00019	149.20	161.93	0.00019
147.79	163.34	0.00019	146.37	164.76	0.00019

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00019	143.54	167.58	0.00018
141.42	169.71	0.00018	137.89	173.24	0.00018
134.35	176.78	0.00018	127.28	183.85	0.00018
120.21	190.92	0.00018	113.14	197.99	0.00018
106.07	205.06	0.00018	99.00	212.13	0.00018
91.92	219.20	0.00018	84.85	226.27	0.00018
219.20	77.78	0.00015	212.13	84.85	0.00016
205.06	91.92	0.00017	197.99	98.99	0.00017
190.92	106.07	0.00018	183.85	113.14	0.00018
176.78	120.21	0.00019	169.71	127.28	0.00019
166.17	130.81	0.00019	162.63	134.35	0.00020
160.51	136.47	0.00020	159.10	137.89	0.00020
157.68	139.30	0.00020	156.27	140.71	0.00020
154.86	142.13	0.00020	142.13	154.86	0.00020
140.71	156.27	0.00020	139.30	157.68	0.00020
137.89	159.10	0.00020	136.47	160.51	0.00020
134.35	162.63	0.00020	130.81	166.17	0.00019
127.28	169.71	0.00019	120.21	176.78	0.00019
113.14	183.85	0.00019	106.07	190.92	0.00019
99.00	197.99	0.00019	91.92	205.06	0.00019
84.85	212.13	0.00019	77.78	219.20	0.00019
212.13	70.71	0.00016	205.06	77.78	0.00017
197.99	84.85	0.00017	190.92	91.92	0.00018
183.85	98.99	0.00019	176.78	106.07	0.00019
169.71	113.14	0.00020	162.63	120.21	0.00020
159.10	123.74	0.00021	155.56	127.28	0.00021

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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	0.00021	152.03	130.81	0.00021
150.61	132.23	0.00021	149.20	133.64	0.00021
147.79	135.06	0.00021	135.06	147.79	0.00021
133.64	149.20	0.00021	132.23	150.61	0.00021
130.81	152.03	0.00021	129.40	153.44	0.00021
127.28	155.56	0.00021	123.74	159.10	0.00021
120.21	162.63	0.00021	113.14	169.71	0.00020
106.07	176.78	0.00020	98.99	183.85	0.00020

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00020	84.85	197.99	0.00020
77.78	205.06	0.00020	70.71	212.13	0.00020
205.06	63.64	0.00017	197.99	70.71	0.00018
190.92	77.78	0.00018	183.85	84.85	0.00019
176.78	91.92	0.00020	169.71	98.99	0.00021
162.63	106.07	0.00021	155.56	113.14	0.00022
152.03	116.67	0.00022	148.49	120.21	0.00022
146.37	122.33	0.00022	144.96	123.74	0.00022
143.54	125.16	0.00022	142.13	126.57	0.00022
140.71	127.99	0.00022	127.99	140.71	0.00023
126.57	142.13	0.00023	125.16	143.54	0.00022
123.74	144.96	0.00022	122.33	146.37	0.00022
120.21	148.49	0.00022	116.67	152.03	0.00022
113.14	155.56	0.00022	106.07	162.63	0.00022
98.99	169.71	0.00021	91.92	176.78	0.00021
84.85	183.85	0.00021	77.78	190.92	0.00022
70.71	197.99	0.00022	63.64	205.06	0.00022
197.99	56.57	0.00018	190.92	63.64	0.00019
183.85	70.71	0.00020	176.78	77.78	0.00020
169.71	84.85	0.00021	162.63	91.92	0.00022
155.56	98.99	0.00023	148.49	106.07	0.00023
144.96	109.60	0.00023	141.42	113.14	0.00024
139.30	115.26	0.00024	137.89	116.67	0.00024
136.47	118.09	0.00024	135.06	119.50	0.00024
133.64	120.92	0.00024	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	0.00024	109.60	144.96	0.00024
106.07	148.49	0.00024	98.99	155.56	0.00023
91.92	162.63	0.00023	84.85	169.71	0.00023
77.78	176.78	0.00023	70.71	183.85	0.00023
63.64	190.92	0.00023	56.57	197.99	0.00023

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

20:24:25  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00019	183.85	56.57	0.00020
176.78	63.64	0.00021	169.71	70.71	0.00022

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00022	155.56	84.85	0.00023
148.49	91.92	0.00024	141.42	98.99	0.00025
137.89	102.53	0.00025	134.35	106.07	0.00025
132.23	108.19	0.00026	130.81	109.60	0.00026
129.40	111.02	0.00026	127.99	112.43	0.00026
126.57	113.84	0.00026	113.84	126.57	0.00026
112.43	127.99	0.00026	111.02	129.40	0.00026
109.60	130.81	0.00026	108.19	132.23	0.00026
106.07	134.35	0.00026	102.53	137.89	0.00025
98.99	141.42	0.00025	91.92	148.49	0.00025
84.85	155.56	0.00025	77.78	162.63	0.00025
70.71	169.71	0.00025	63.64	176.78	0.00025
56.57	183.85	0.00025	49.50	190.92	0.00025
183.85	42.43	0.00020	176.78	49.50	0.00021
169.71	56.57	0.00022	162.63	63.64	0.00023
155.56	70.71	0.00024	148.49	77.78	0.00025
141.42	84.85	0.00026	134.35	91.92	0.00027
130.81	95.46	0.00027	127.28	98.99	0.00027
125.16	101.12	0.00028	123.74	102.53	0.00028
122.33	103.94	0.00028	120.92	105.36	0.00028
119.50	106.77	0.00028	106.77	119.50	0.00028
105.36	120.92	0.00028	103.94	122.33	0.00028
102.53	123.74	0.00028	101.12	125.16	0.00028
98.99	127.28	0.00028	95.46	130.81	0.00027
91.92	134.35	0.00027	84.85	141.42	0.00027
77.78	148.49	0.00026	70.71	155.56	0.00027
63.64	162.63	0.00027	56.57	169.71	0.00027
49.50	176.78	0.00027	42.43	183.85	0.00027
176.78	35.36	0.00021	169.71	42.43	0.00022
162.63	49.50	0.00023	155.56	56.57	0.00024
148.49	63.64	0.00026	141.42	70.71	0.00027
134.35	77.78	0.00028	127.28	84.85	0.00029
123.74	88.39	0.00029	120.21	91.92	0.00030
118.09	94.05	0.00030	116.67	95.46	0.00030
115.26	96.87	0.00030	113.84	98.29	0.00030
112.43	99.70	0.00030	99.70	112.43	0.00030
98.29	113.84	0.00030	96.87	115.26	0.00030
95.46	116.67	0.00030	94.05	118.09	0.00030

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW 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	
91.92	120.21	0.00030	88.39	123.74	0.00030	
84.85	127.28	0.00029	77.78	134.35	0.00029	
70.71	141.42	0.00029	63.64	148.49	0.00029	
56.57	155.56	0.00029	49.50	162.63	0.00029	
42.43	169.71	0.00029	35.36	176.78	0.00029	
169.71	28.28	0.00023	162.63	35.36	0.00024	
155.56	42.43	0.00025	148.49	49.50	0.00026	
141.42	56.57	0.00027	134.35	63.64	0.00029	
127.28	70.71	0.00030	120.21	77.78	0.00031	
116.67	81.32	0.00032	113.14	84.85	0.00032	
111.02	86.97	0.00032	109.60	88.39	0.00032	
108.19	89.80	0.00032	106.77	91.22	0.00033	
105.36	92.63	0.00033	92.63	105.36	0.00033	
91.22	106.77	0.00033	89.80	108.19	0.00033	
88.39	109.60	0.00032	86.97	111.02	0.00032	
84.85	113.14	0.00032	81.32	116.67	0.00032	
77.78	120.21	0.00032	70.71	127.28	0.00031	
63.64	134.35	0.00031	56.57	141.42	0.00031	
49.50	148.49	0.00032	42.43	155.56	0.00032	
35.36	162.63	0.00032	28.28	169.71	0.00032	
162.63	21.21	0.00024	155.56	28.28	0.00025	
148.49	35.36	0.00027	141.42	42.43	0.00028	
134.35	49.50	0.00029	127.28	56.57	0.00031	
120.21	63.64	0.00032	113.14	70.71	0.00034	
109.60	74.25	0.00034	106.07	77.78	0.00035	
103.94	79.90	0.00035	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	0.00036	
84.15	99.70	0.00036	82.73	101.12	0.00035	
81.32	102.53	0.00035	79.90	103.94	0.00035	
77.78	106.07	0.00035	74.25	109.60	0.00035	
70.71	113.14	0.00034	63.64	120.21	0.00034	
56.57	127.28	0.00034	49.50	134.35	0.00034	
42.43	141.42	0.00034	35.36	148.49	0.00035	
28.28	155.56	0.00035	21.21	162.63	0.00035	
155.56	14.14	0.00026	148.49	21.21	0.00027	
141.42	28.28	0.00028	134.35	35.36	0.00030	
127.28	42.43	0.00032	120.21	49.50	0.00033	
113.14	56.57	0.00035	106.07	63.64	0.00036	
102.53	67.18	0.00037	98.99	70.71	0.00038	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

20:24:25

\*\*MODELOPTs:

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\*\*\* Maximum train overlap at NE/SW 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
96.87	72.83	0.00038	95.46	74.25	0.00038
94.05	75.66	0.00038	92.63	77.07	0.00039
91.22	78.49	0.00039	78.49	91.22	0.00039
77.07	92.63	0.00039	75.66	94.05	0.00039
74.25	95.46	0.00039	72.83	96.87	0.00038
70.71	98.99	0.00038	67.18	102.53	0.00038
63.64	106.07	0.00038	56.57	113.14	0.00037
49.50	120.21	0.00037	42.43	127.28	0.00037
35.36	134.35	0.00038	28.28	141.42	0.00038
21.21	148.49	0.00038	14.14	155.56	0.00038
148.49	7.07	0.00027	141.42	14.14	0.00029
134.35	21.21	0.00031	127.28	28.28	0.00032
120.21	35.36	0.00034	113.14	42.43	0.00036
106.07	49.50	0.00038	98.99	56.57	0.00040
95.46	60.10	0.00041	91.92	63.64	0.00041
89.80	65.76	0.00042	88.39	67.18	0.00042
86.97	68.59	0.00042	85.56	70.00	0.00042
84.15	71.42	0.00042	71.42	84.15	0.00043
70.00	85.56	0.00043	68.59	86.97	0.00042
67.18	88.39	0.00042	65.76	89.80	0.00042
63.64	91.92	0.00042	60.10	95.46	0.00041
56.57	98.99	0.00041	49.50	106.07	0.00041
42.43	113.14	0.00041	35.36	120.21	0.00041
28.28	127.28	0.00042	21.21	134.35	0.00042
14.14	141.42	0.00042	7.07	148.49	0.00042
141.42	0.00	0.00029	134.35	7.07	0.00031
127.28	14.14	0.00033	120.21	21.21	0.00035
113.14	28.28	0.00037	106.07	35.36	0.00039
98.99	42.43	0.00041	91.92	49.50	0.00044
88.39	53.03	0.00044	84.85	56.57	0.00045
82.73	58.69	0.00046	81.32	60.10	0.00046
79.90	61.52	0.00046	78.49	62.93	0.00047
77.07	64.35	0.00047	64.35	77.07	0.00047
62.93	78.49	0.00047	61.52	79.90	0.00047



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00047	58.69	82.73	0.00046
56.57	84.85	0.00046	53.03	88.39	0.00046
49.50	91.92	0.00045	42.43	98.99	0.00045
35.36	106.07	0.00045	28.28	113.14	0.00046
21.21	120.21	0.00046	14.14	127.28	0.00046
7.07	134.35	0.00046	0.00	141.42	0.00046

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

\*\*\* Maximum train overlap at NE/SW 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
134.35	-7.07	0.00031	127.28	0.00	0.00033
120.21	7.07	0.00035	113.14	14.14	0.00038
106.07	21.21	0.00040	98.99	28.28	0.00043
91.92	35.36	0.00045	84.85	42.43	0.00048
81.32	45.96	0.00049	77.78	49.50	0.00050
75.66	51.62	0.00051	74.25	53.03	0.00051
72.83	54.45	0.00051	71.42	55.86	0.00052
70.00	57.28	0.00052	57.28	70.00	0.00052
55.86	71.42	0.00052	54.45	72.83	0.00052
53.03	74.25	0.00052	51.62	75.66	0.00051
49.50	77.78	0.00051	45.96	81.32	0.00051
42.43	84.85	0.00050	35.36	91.92	0.00050
28.28	98.99	0.00050	21.21	106.07	0.00051
14.14	113.14	0.00051	7.07	120.21	0.00051
0.00	127.28	0.00051	-7.07	134.35	0.00051
127.28	-14.14	0.00034	120.21	-7.07	0.00036
113.14	0.00	0.00038	106.07	7.07	0.00041
98.99	14.14	0.00044	91.92	21.21	0.00047
84.85	28.28	0.00050	77.78	35.36	0.00053
74.25	38.89	0.00054	70.71	42.43	0.00056
68.59	44.55	0.00056	67.18	45.96	0.00057
65.76	47.38	0.00057	64.35	48.79	0.00057
62.93	50.20	0.00058	50.20	62.93	0.00058
48.79	64.35	0.00058	47.38	65.76	0.00058
45.96	67.18	0.00057	44.55	68.59	0.00057
42.43	70.71	0.00057	38.89	74.25	0.00056
35.36	77.78	0.00056	28.28	84.85	0.00056
21.21	91.92	0.00056	14.14	98.99	0.00057

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00057	0.00	113.14	0.00057
-7.07	120.21	0.00057	-14.14	127.28	0.00057
120.21	-21.21	0.00037	113.14	-14.14	0.00039
106.07	-7.07	0.00042	98.99	0.00	0.00044
91.92	7.07	0.00048	84.85	14.14	0.00051
77.78	21.21	0.00055	70.71	28.28	0.00059
67.18	31.82	0.00060	63.64	35.36	0.00062
61.52	37.48	0.00063	60.10	38.89	0.00063
58.69	40.31	0.00064	57.28	41.72	0.00064
55.86	43.13	0.00065	43.13	55.86	0.00065
41.72	57.28	0.00065	40.31	58.69	0.00065
38.89	60.10	0.00064	37.48	61.52	0.00064

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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
35.36	63.64	0.00064	31.82	67.18	0.00063
28.28	70.71	0.00063	21.21	77.78	0.00063
14.14	84.85	0.00064	7.07	91.92	0.00064
0.00	98.99	0.00064	-7.07	106.07	0.00064
-14.14	113.14	0.00064	-21.21	120.21	0.00064
113.14	-28.28	0.00040	106.07	-21.21	0.00042
98.99	-14.14	0.00045	91.92	-7.07	0.00048
84.85	0.00	0.00052	77.78	7.07	0.00056
70.71	14.14	0.00061	63.64	21.21	0.00065
60.10	24.75	0.00067	56.57	28.28	0.00070
54.45	30.41	0.00071	53.03	31.82	0.00071
51.62	33.23	0.00072	50.20	34.65	0.00073
48.79	36.06	0.00073	36.06	48.79	0.00074
34.65	50.20	0.00073	33.23	51.62	0.00073
31.82	53.03	0.00073	30.41	54.45	0.00072
28.28	56.57	0.00072	24.75	60.10	0.00071
21.21	63.64	0.00071	14.14	70.71	0.00072
7.07	77.78	0.00072	0.00	84.85	0.00073
-7.07	91.92	0.00073	-14.14	98.99	0.00073
-21.21	106.07	0.00073	-28.28	113.14	0.00072
106.07	-35.36	0.00043	98.99	-28.28	0.00046
91.92	-21.21	0.00049	84.85	-14.14	0.00053

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00057	70.71	0.00	0.00062
63.64	7.07	0.00067	56.57	14.14	0.00073
53.03	17.68	0.00076	49.50	21.21	0.00078
47.38	23.33	0.00080	45.96	24.75	0.00081
44.55	26.16	0.00082	43.13	27.58	0.00082
41.72	28.99	0.00083	28.99	41.72	0.00084
27.58	43.13	0.00084	26.16	44.55	0.00083
24.75	45.96	0.00083	23.33	47.38	0.00082
21.21	49.50	0.00082	17.68	53.03	0.00081
14.14	56.57	0.00081	7.07	63.64	0.00082
0.00	70.71	0.00083	-7.07	77.78	0.00083
-14.14	84.85	0.00083	-21.21	91.92	0.00083
-28.28	98.99	0.00082	-35.36	106.07	0.00080
98.99	-42.43	0.00047	91.92	-35.36	0.00050
84.85	-28.28	0.00054	77.78	-21.21	0.00058
70.71	-14.14	0.00063	63.64	-7.07	0.00069
56.57	0.00	0.00075	49.50	7.07	0.00082
45.96	10.61	0.00086	42.43	14.14	0.00089

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25  
 \*\*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
40.31	16.26	0.00091	38.89	17.68	0.00092
37.48	19.09	0.00093	36.06	20.51	0.00094
34.65	21.92	0.00095	21.92	34.65	0.00097
20.51	36.06	0.00096	19.09	37.48	0.00096
17.68	38.89	0.00095	16.26	40.31	0.00095
14.14	42.43	0.00094	10.61	45.96	0.00094
7.07	49.50	0.00094	0.00	56.57	0.00095
-7.07	63.64	0.00096	-14.14	70.71	0.00096
-21.21	77.78	0.00096	-28.28	84.85	0.00095
-35.36	91.92	0.00093	-42.43	98.99	0.00090
91.92	-49.50	0.00051	84.85	-42.43	0.00055
77.78	-35.36	0.00060	70.71	-28.28	0.00065
63.64	-21.21	0.00070	56.57	-14.14	0.00077
49.50	-7.07	0.00085	42.43	0.00	0.00093
38.89	3.54	0.00098	35.36	7.07	0.00102
33.23	9.19	0.00105	31.82	10.61	0.00106

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00108	28.99	13.44	0.00109
27.58	14.85	0.00110	14.85	27.58	0.00112
13.44	28.99	0.00112	12.02	30.41	0.00111
10.61	31.82	0.00111	9.19	33.23	0.00110
7.07	35.36	0.00110	3.54	38.89	0.00110
0.00	42.43	0.00110	-7.07	49.50	0.00111
-14.14	56.57	0.00113	-21.21	63.64	0.00113
-28.28	70.71	0.00112	-35.36	77.78	0.00110
-42.43	84.85	0.00106	-49.50	91.92	0.00101
84.85	-56.57	0.00056	77.78	-49.50	0.00061
70.71	-42.43	0.00066	63.64	-35.36	0.00072
56.57	-28.28	0.00079	49.50	-21.21	0.00086
42.43	-14.14	0.00096	35.36	-7.07	0.00106
31.82	-3.54	0.00112	28.28	0.00	0.00118
26.16	2.12	0.00121	24.75	3.54	0.00124
23.33	4.95	0.00126	21.92	6.36	0.00128
20.51	7.78	0.00129	7.78	20.51	0.00132
6.36	21.92	0.00132	4.95	23.33	0.00131
3.54	24.75	0.00130	2.12	26.16	0.00130
0.00	28.28	0.00130	-3.54	31.82	0.00130
-7.07	35.36	0.00131	-14.14	42.43	0.00133
-21.21	49.50	0.00134	-28.28	56.57	0.00134
-35.36	63.64	0.00131	-42.43	70.71	0.00126
-49.50	77.78	0.00120	-56.57	84.85	0.00114

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

20:24:25  
 \*\*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
77.78	-63.64	0.00062	70.71	-56.57	0.00067
63.64	-49.50	0.00074	56.57	-42.43	0.00080
49.50	-35.36	0.00088	42.43	-28.28	0.00097
35.36	-21.21	0.00108	28.28	-14.14	0.00122
24.75	-10.61	0.00129	21.21	-7.07	0.00137
19.09	-4.95	0.00142	17.68	-3.54	0.00145
16.26	-2.12	0.00148	14.85	-0.71	0.00151
13.44	0.71	0.00153	0.71	13.44	0.00158
-0.71	14.85	0.00157	-2.12	16.26	0.00156
-3.54	17.68	0.00156	-4.95	19.09	0.00156

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00156	-10.61	24.75	0.00157
-14.14	28.28	0.00158	-21.21	35.36	0.00161
-28.28	42.43	0.00162	-35.36	49.50	0.00158
-42.43	56.57	0.00153	-49.50	63.64	0.00145
-56.57	70.71	0.00136	-63.64	77.78	0.00127
70.71	-70.71	0.00069	63.64	-63.64	0.00075
56.57	-56.57	0.00082	49.50	-49.50	0.00090
42.43	-42.43	0.00100	35.36	-35.36	0.00111
28.28	-28.28	0.00124	21.21	-21.21	0.00140
17.68	-17.68	0.00150	14.14	-14.14	0.00160
12.02	-12.02	0.00167	10.61	-10.61	0.00171
9.19	-9.19	0.00176	7.78	-7.78	0.00180
6.36	-6.36	0.00184	-6.36	6.36	0.00192
-7.78	7.78	0.00191	-9.19	9.19	0.00191
-10.61	10.61	0.00191	-12.02	12.02	0.00191
-14.14	14.14	0.00192	-17.68	17.68	0.00194
-21.21	21.21	0.00196	-28.28	28.28	0.00199
-35.36	35.36	0.00196	-42.43	42.43	0.00188
-49.50	49.50	0.00178	-56.57	56.57	0.00166
-63.64	63.64	0.00153	-70.71	70.71	0.00140
63.64	-77.78	0.00076	56.57	-70.71	0.00083
49.50	-63.64	0.00092	42.43	-56.57	0.00102
35.36	-49.50	0.00113	28.28	-42.43	0.00126
21.21	-35.36	0.00142	14.14	-28.28	0.00162
10.61	-24.75	0.00175	7.07	-21.21	0.00189
4.95	-19.09	0.00198	3.54	-17.68	0.00204
2.12	-16.26	0.00210	0.71	-14.85	0.00217
-0.71	-13.44	0.00223	-13.44	-0.71	0.00239
-14.85	0.71	0.00238	-16.26	2.12	0.00239
-17.68	3.54	0.00239	-19.09	4.95	0.00240

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

20:24:25  
 \*\*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
-21.21	7.07	0.00242	-24.75	10.61	0.00246
-28.28	14.14	0.00249	-35.36	21.21	0.00248
-42.43	28.28	0.00239	-49.50	35.36	0.00224
-56.57	42.43	0.00206	-63.64	49.50	0.00188

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00170	-77.78	63.64	0.00153
56.57	-84.85	0.00083	49.50	-77.78	0.00093
42.43	-70.71	0.00103	35.36	-63.64	0.00115
28.28	-56.57	0.00129	21.21	-49.50	0.00145
14.14	-42.43	0.00165	7.07	-35.36	0.00189
3.54	-31.82	0.00204	0.00	-28.28	0.00222
-2.12	-26.16	0.00235	-3.54	-24.75	0.00244
-4.95	-23.33	0.00253	-6.36	-21.92	0.00263
-7.78	-20.51	0.00273	-20.51	-7.78	0.00307
-21.92	-6.36	0.00308	-23.33	-4.95	0.00309
-24.75	-3.54	0.00312	-26.16	-2.12	0.00314
-28.28	0.00	0.00318	-31.82	3.54	0.00322
-35.36	7.07	0.00323	-42.43	14.14	0.00310
-49.50	21.21	0.00288	-56.57	28.28	0.00262
-63.64	35.36	0.00235	-70.71	42.43	0.00209
-77.78	49.50	0.00186	-84.85	56.57	0.00164
49.50	-91.92	0.00091	42.43	-84.85	0.00102
35.36	-77.78	0.00115	28.28	-70.71	0.00130
21.21	-63.64	0.00148	14.14	-56.57	0.00168
7.07	-49.50	0.00192	0.00	-42.43	0.00222
-3.54	-38.89	0.00240	-7.07	-35.36	0.00263
-9.19	-33.23	0.00279	-10.61	-31.82	0.00291
-12.02	-30.41	0.00305	-13.44	-28.99	0.00320
-14.85	-27.58	0.00335	-27.58	-14.85	0.00415
-28.99	-13.44	0.00419	-30.41	-12.02	0.00424
-31.82	-10.61	0.00428	-33.23	-9.19	0.00431
-35.36	-7.07	0.00432	-38.89	-3.54	0.00428
-42.43	0.00	0.00416	-49.50	7.07	0.00380
-56.57	14.14	0.00339	-63.64	21.21	0.00298
-70.71	28.28	0.00260	-77.78	35.36	0.00226
-84.85	42.43	0.00197	-91.92	49.50	0.00172
42.43	-98.99	0.00100	35.36	-91.92	0.00113
28.28	-84.85	0.00128	21.21	-77.78	0.00146
14.14	-70.71	0.00168	7.07	-63.64	0.00194
0.00	-56.57	0.00225	-7.07	-49.50	0.00263
-10.61	-45.96	0.00286	-14.14	-42.43	0.00315

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

\*\*\* Maximum train overlap at NE/SW 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 \*\*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* 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	0.00336	-17.68	-38.89	0.00351
-19.09	-37.48	0.00370	-20.51	-36.06	0.00391
-21.92	-34.65	0.00417	-34.65	-21.92	0.00611
-36.06	-20.51	0.00608	-37.48	-19.09	0.00603
-38.89	-17.68	0.00596	-40.31	-16.26	0.00587
-42.43	-14.14	0.00571	-45.96	-10.61	0.00541
-49.50	-7.07	0.00507	-56.57	0.00	0.00440
-63.64	7.07	0.00378	-70.71	14.14	0.00323
-77.78	21.21	0.00276	-84.85	28.28	0.00236
-91.92	35.36	0.00203	-98.99	42.43	0.00175
35.36	-106.07	0.00108	28.28	-98.99	0.00123
21.21	-91.92	0.00142	14.14	-84.85	0.00164
7.07	-77.78	0.00190	0.00	-70.71	0.00222
-7.07	-63.64	0.00261	-14.14	-56.57	0.00310
-17.68	-53.03	0.00341	-21.21	-49.50	0.00379
-23.33	-47.38	0.00408	-24.75	-45.96	0.00430
-26.16	-44.55	0.00455	-27.58	-43.13	0.00488
-28.99	-41.72	0.00528	-41.72	-28.99	0.00740
-43.13	-27.58	0.00714	-44.55	-26.16	0.00693
-45.96	-24.75	0.00675	-47.38	-23.33	0.00657
-49.50	-21.21	0.00632	-53.03	-17.68	0.00589
-56.57	-14.14	0.00546	-63.64	-7.07	0.00465
-70.71	0.00	0.00393	-77.78	7.07	0.00331
-84.85	14.14	0.00279	-91.92	21.21	0.00236
-98.99	28.28	0.00201	-106.07	35.36	0.00172
28.28	-113.14	0.00116	21.21	-106.07	0.00133
14.14	-98.99	0.00154	7.07	-91.92	0.00180
0.00	-84.85	0.00210	-7.07	-77.78	0.00247
-14.14	-70.71	0.00291	-21.21	-63.64	0.00344
-24.75	-60.10	0.00376	-28.28	-56.57	0.00414
-30.41	-54.45	0.00442	-31.82	-53.03	0.00463
-33.23	-51.62	0.00488	-34.65	-50.20	0.00517
-36.06	-48.79	0.00554	-48.79	-36.06	0.00738
-50.20	-34.65	0.00712	-51.62	-33.23	0.00690
-53.03	-31.82	0.00671	-54.45	-30.41	0.00654
-56.57	-28.28	0.00627	-60.10	-24.75	0.00583
-63.64	-21.21	0.00540	-70.71	-14.14	0.00459
-77.78	-7.07	0.00386	-84.85	0.00	0.00322
-91.92	7.07	0.00270	-98.99	14.14	0.00227
-106.07	21.21	0.00192	-113.14	28.28	0.00163

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW 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	
21.21	-120.21	0.00123	14.14	-113.14	0.00141	
7.07	-106.07	0.00164	0.00	-98.99	0.00191	
-7.07	-91.92	0.00223	-14.14	-84.85	0.00260	
-21.21	-77.78	0.00304	-28.28	-70.71	0.00357	
-31.82	-67.18	0.00387	-35.36	-63.64	0.00423	
-37.48	-61.52	0.00448	-38.89	-60.10	0.00467	
-40.31	-58.69	0.00489	-41.72	-57.28	0.00515	
-43.13	-55.86	0.00549	-55.86	-43.13	0.00725	
-57.28	-41.72	0.00698	-58.69	-40.31	0.00677	
-60.10	-38.89	0.00658	-61.52	-37.48	0.00640	
-63.64	-35.36	0.00613	-67.18	-31.82	0.00568	
-70.71	-28.28	0.00524	-77.78	-21.21	0.00440	
-84.85	-14.14	0.00366	-91.92	-7.07	0.00303	
-98.99	0.00	0.00252	-106.07	7.07	0.00210	
-113.14	14.14	0.00177	-120.21	21.21	0.00150	
14.14	-127.28	0.00126	7.07	-120.21	0.00145	
0.00	-113.14	0.00167	-7.07	-106.07	0.00194	
-14.14	-98.99	0.00226	-21.21	-91.92	0.00264	
-28.28	-84.85	0.00308	-35.36	-77.78	0.00357	
-38.89	-74.25	0.00385	-42.43	-70.71	0.00416	
-44.55	-68.59	0.00438	-45.96	-67.18	0.00455	
-47.38	-65.76	0.00474	-48.79	-64.35	0.00498	
-50.20	-62.93	0.00529	-62.93	-50.20	0.00703	
-64.35	-48.79	0.00676	-65.76	-47.38	0.00654	
-67.18	-45.96	0.00634	-68.59	-44.55	0.00615	
-70.71	-42.43	0.00588	-74.25	-38.89	0.00543	
-77.78	-35.36	0.00498	-84.85	-28.28	0.00412	
-91.92	-21.21	0.00337	-98.99	-14.14	0.00276	
-106.07	-7.07	0.00227	-113.14	0.00	0.00188	
-120.21	7.07	0.00158	-127.28	14.14	0.00133	
7.07	-134.35	0.00126	0.00	-127.28	0.00144	
-7.07	-120.21	0.00166	-14.14	-113.14	0.00193	
-21.21	-106.07	0.00224	-28.28	-98.99	0.00261	
-35.36	-91.92	0.00302	-42.43	-84.85	0.00347	
-45.96	-81.32	0.00371	-49.50	-77.78	0.00397	
-51.62	-75.66	0.00416	-53.03	-74.25	0.00430	



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00448	-55.86	-71.42	0.00470
-57.28	-70.00	0.00499	-70.00	-57.28	0.00671
-71.42	-55.86	0.00643	-72.83	-54.45	0.00620
-74.25	-53.03	0.00600	-75.66	-51.62	0.00580

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/18/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW 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
-77.78	-49.50	0.00552	-81.32	-45.96	0.00506
-84.85	-42.43	0.00460	-91.92	-35.36	0.00373
-98.99	-28.28	0.00300	-106.07	-21.21	0.00242
-113.14	-14.14	0.00197	-120.21	-7.07	0.00163
-127.28	0.00	0.00136	-134.35	7.07	0.00114
0.00	-141.42	0.00122	-7.07	-134.35	0.00140
-14.14	-127.28	0.00161	-21.21	-120.21	0.00187
-28.28	-113.14	0.00217	-35.36	-106.07	0.00251
-42.43	-98.99	0.00289	-49.50	-91.92	0.00328
-53.03	-88.39	0.00348	-56.57	-84.85	0.00369
-58.69	-82.73	0.00384	-60.10	-81.32	0.00396
-61.52	-79.90	0.00411	-62.93	-78.49	0.00430
-64.35	-77.07	0.00457	-77.07	-64.35	0.00622
-78.49	-62.93	0.00594	-79.90	-61.52	0.00570
-81.32	-60.10	0.00549	-82.73	-58.69	0.00529
-84.85	-56.57	0.00499	-88.39	-53.03	0.00450
-91.92	-49.50	0.00403	-98.99	-42.43	0.00319
-106.07	-35.36	0.00253	-113.14	-28.28	0.00202
-120.21	-21.21	0.00164	-127.28	-14.14	0.00134
-134.35	-7.07	0.00112	-141.42	0.00	0.00094
-7.07	-148.49	0.00117	-14.14	-141.42	0.00133
-21.21	-134.35	0.00153	-28.28	-127.28	0.00176
-35.36	-120.21	0.00203	-42.43	-113.14	0.00234
-49.50	-106.07	0.00267	-56.57	-98.99	0.00300
-60.10	-95.46	0.00315	-63.64	-91.92	0.00331
-65.76	-89.80	0.00343	-67.18	-88.39	0.00352
-68.59	-86.97	0.00364	-70.00	-85.56	0.00379
-71.42	-84.15	0.00401	-84.15	-71.42	0.00550
-85.56	-70.00	0.00520	-86.97	-68.59	0.00495
-88.39	-67.18	0.00472	-89.80	-65.76	0.00450

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00418	-95.46	-60.10	0.00368
-98.99	-56.57	0.00323	-106.07	-49.50	0.00251
-113.14	-42.43	0.00197	-120.21	-35.36	0.00157
-127.28	-28.28	0.00127	-134.35	-21.21	0.00105
-141.42	-14.14	0.00088	-148.49	-7.07	0.00075
-14.14	-155.56	0.00110	-21.21	-148.49	0.00124
-28.28	-141.42	0.00141	-35.36	-134.35	0.00161
-42.43	-127.28	0.00184	-49.50	-120.21	0.00210
-56.57	-113.14	0.00237	-63.64	-106.07	0.00262
-67.18	-102.53	0.00273	-70.71	-98.99	0.00284

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

\*\*\* Maximum train overlap at NE/SW 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
-72.83	-96.87	0.00291	-74.25	-95.46	0.00297
-75.66	-94.05	0.00305	-77.07	-92.63	0.00315
-78.49	-91.22	0.00331	-91.22	-78.49	0.00434
-92.63	-77.07	0.00402	-94.05	-75.66	0.00374
-95.46	-74.25	0.00349	-96.87	-72.83	0.00326
-98.99	-70.71	0.00296	-102.53	-67.18	0.00255
-106.07	-63.64	0.00221	-113.14	-56.57	0.00172
-120.21	-49.50	0.00137	-127.28	-42.43	0.00111
-134.35	-35.36	0.00092	-141.42	-28.28	0.00078
-148.49	-21.21	0.00066	-155.56	-14.14	0.00057
-21.21	-162.63	0.00101	-28.28	-155.56	0.00113
-35.36	-148.49	0.00128	-42.43	-141.42	0.00144
-49.50	-134.35	0.00162	-56.57	-127.28	0.00180
-63.64	-120.21	0.00198	-70.71	-113.14	0.00213
-74.25	-109.60	0.00218	-77.78	-106.07	0.00222
-79.90	-103.94	0.00224	-81.32	-102.53	0.00226
-82.73	-101.12	0.00229	-84.15	-99.70	0.00233
-85.56	-98.29	0.00241	-98.29	-85.56	0.00229
-99.70	-84.15	0.00202	-101.12	-82.73	0.00184
-102.53	-81.32	0.00170	-103.94	-79.90	0.00160
-106.07	-77.78	0.00147	-109.60	-74.25	0.00131
-113.14	-70.71	0.00119	-120.21	-63.64	0.00100
-127.28	-56.57	0.00085	-134.35	-49.50	0.00073
-141.42	-42.43	0.00064	-148.49	-35.36	0.00055

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00049	-162.63	-21.21	0.00043
-28.28	-169.71	0.00090	-35.36	-162.63	0.00100
-42.43	-155.56	0.00111	-49.50	-148.49	0.00123
-56.57	-141.42	0.00135	-63.64	-134.35	0.00146
-70.71	-127.28	0.00154	-77.78	-120.21	0.00155
-81.32	-116.67	0.00151	-84.85	-113.14	0.00145
-86.97	-111.02	0.00139	-88.39	-109.60	0.00134
-89.80	-108.19	0.00129	-91.22	-106.77	0.00123
-92.63	-105.36	0.00116	-105.36	-92.63	0.00086
-106.77	-91.22	0.00083	-108.19	-89.80	0.00079
-109.60	-88.39	0.00077	-111.02	-86.97	0.00075
-113.14	-84.85	0.00072	-116.67	-81.32	0.00068
-120.21	-77.78	0.00065	-127.28	-70.71	0.00060
-134.35	-63.64	0.00055	-141.42	-56.57	0.00050
-148.49	-49.50	0.00045	-155.56	-42.43	0.00040
-162.63	-35.36	0.00036	-169.71	-28.28	0.00033

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 NE/SW 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
-35.36	-176.78	0.00079	-42.43	-169.71	0.00086
-49.50	-162.63	0.00093	-56.57	-155.56	0.00100
-63.64	-148.49	0.00107	-70.71	-141.42	0.00112
-77.78	-134.35	0.00112	-84.85	-127.28	0.00107
-88.39	-123.74	0.00102	-91.92	-120.21	0.00094
-94.05	-118.09	0.00088	-95.46	-116.67	0.00084
-96.87	-115.26	0.00079	-98.29	-113.84	0.00075
-99.70	-112.43	0.00071	-112.43	-99.70	0.00069
-113.84	-98.29	0.00067	-115.26	-96.87	0.00065
-116.67	-95.46	0.00063	-118.09	-94.05	0.00061
-120.21	-91.92	0.00059	-123.74	-88.39	0.00055
-127.28	-84.85	0.00051	-134.35	-77.78	0.00046
-141.42	-70.71	0.00041	-148.49	-63.64	0.00038
-155.56	-56.57	0.00034	-162.63	-49.50	0.00031
-169.71	-42.43	0.00028	-176.78	-35.36	0.00026
-42.43	-183.85	0.00067	-49.50	-176.78	0.00072
-56.57	-169.71	0.00077	-63.64	-162.63	0.00081
-70.71	-155.56	0.00085	-77.78	-148.49	0.00086

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00085	-91.92	-134.35	0.00078
-95.46	-130.81	0.00072	-98.99	-127.28	0.00065
-101.12	-125.16	0.00061	-102.53	-123.74	0.00058
-103.94	-122.33	0.00056	-105.36	-120.92	0.00054
-106.77	-119.50	0.00053	-119.50	-106.77	0.00058
-120.92	-105.36	0.00056	-122.33	-103.94	0.00055
-123.74	-102.53	0.00053	-125.16	-101.12	0.00051
-127.28	-98.99	0.00049	-130.81	-95.46	0.00046
-134.35	-91.92	0.00044	-141.42	-84.85	0.00039
-148.49	-77.78	0.00035	-155.56	-70.71	0.00032
-162.63	-63.64	0.00029	-169.71	-56.57	0.00026
-176.78	-49.50	0.00024	-183.85	-42.43	0.00022
-49.50	-190.92	0.00057	-56.57	-183.85	0.00061
-63.64	-176.78	0.00064	-70.71	-169.71	0.00067
-77.78	-162.63	0.00069	-84.85	-155.56	0.00068
-91.92	-148.49	0.00065	-98.99	-141.42	0.00057
-102.53	-137.89	0.00053	-106.07	-134.35	0.00048
-108.19	-132.23	0.00045	-109.60	-130.81	0.00044
-111.02	-129.40	0.00043	-112.43	-127.99	0.00043
-113.84	-126.57	0.00043	-126.57	-113.84	0.00049
-127.99	-112.43	0.00048	-129.40	-111.02	0.00047
-130.81	-109.60	0.00045	-132.23	-108.19	0.00044

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 NE/SW 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
-134.35	-106.07	0.00042	-137.89	-102.53	0.00039
-141.42	-98.99	0.00037	-148.49	-91.92	0.00034
-155.56	-84.85	0.00031	-162.63	-77.78	0.00028
-169.71	-70.71	0.00025	-176.78	-63.64	0.00023
-183.85	-56.57	0.00021	-190.92	-49.50	0.00019
-56.57	-197.99	0.00049	-63.64	-190.92	0.00052
-70.71	-183.85	0.00054	-77.78	-176.78	0.00056
-84.85	-169.71	0.00056	-91.92	-162.63	0.00054
-98.99	-155.56	0.00050	-106.07	-148.49	0.00043
-109.60	-144.96	0.00040	-113.14	-141.42	0.00037
-115.26	-139.30	0.00036	-116.67	-137.89	0.00035
-118.09	-136.47	0.00035	-119.50	-135.06	0.00035

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00035	-133.64	-120.92	0.00041
-135.06	-119.50	0.00041	-136.47	-118.09	0.00040
-137.89	-116.67	0.00039	-139.30	-115.26	0.00038
-141.42	-113.14	0.00037	-144.96	-109.60	0.00034
-148.49	-106.07	0.00032	-155.56	-98.99	0.00029
-162.63	-91.92	0.00027	-169.71	-84.85	0.00024
-176.78	-77.78	0.00023	-183.85	-70.71	0.00021
-190.92	-63.64	0.00019	-197.99	-56.57	0.00017
-63.64	-205.06	0.00043	-70.71	-197.99	0.00045
-77.78	-190.92	0.00046	-84.85	-183.85	0.00046
-91.92	-176.78	0.00045	-98.99	-169.71	0.00043
-106.07	-162.63	0.00038	-113.14	-155.56	0.00033
-116.67	-152.03	0.00031	-120.21	-148.49	0.00030
-122.33	-146.37	0.00029	-123.74	-144.96	0.00029
-125.16	-143.54	0.00029	-126.57	-142.13	0.00030
-127.99	-140.71	0.00030	-140.71	-127.99	0.00035
-142.13	-126.57	0.00035	-143.54	-125.16	0.00034
-144.96	-123.74	0.00034	-146.37	-122.33	0.00033
-148.49	-120.21	0.00032	-152.03	-116.67	0.00030
-155.56	-113.14	0.00028	-162.63	-106.07	0.00025
-169.71	-98.99	0.00023	-176.78	-91.92	0.00021
-183.85	-84.85	0.00020	-190.92	-77.78	0.00019
-197.99	-70.71	0.00017	-205.06	-63.64	0.00016
-70.71	-212.13	0.00038	-77.78	-205.06	0.00038
-84.85	-197.99	0.00039	-91.92	-190.92	0.00038
-98.99	-183.85	0.00037	-106.07	-176.78	0.00034
-113.14	-169.71	0.00030	-120.21	-162.63	0.00027
-123.74	-159.10	0.00026	-127.28	-155.56	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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	0.00025	-130.81	-152.03	0.00025
-132.23	-150.61	0.00025	-133.64	-149.20	0.00025
-135.06	-147.79	0.00026	-147.79	-135.06	0.00030
-149.20	-133.64	0.00030	-150.61	-132.23	0.00030
-152.03	-130.81	0.00029	-153.44	-129.40	0.00029
-155.56	-127.28	0.00028	-159.10	-123.74	0.00026

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-162.63	-120.21	0.00025	-169.71	-113.14	0.00022
-176.78	-106.07	0.00020	-183.85	-98.99	0.00019
-190.92	-91.92	0.00018	-197.99	-84.85	0.00017
-205.06	-77.78	0.00015	-212.13	-70.71	0.00014
-77.78	-219.20	0.00033	-84.85	-212.13	0.00033
-91.92	-205.06	0.00033	-98.99	-197.99	0.00032
-106.07	-190.92	0.00030	-113.14	-183.85	0.00027
-120.21	-176.78	0.00024	-127.28	-169.71	0.00022
-130.81	-166.17	0.00021	-134.35	-162.63	0.00021
-136.47	-160.51	0.00021	-137.89	-159.10	0.00021
-139.30	-157.68	0.00022	-140.71	-156.27	0.00022
-142.13	-154.86	0.00022	-154.86	-142.13	0.00026
-156.27	-140.71	0.00026	-157.68	-139.30	0.00026
-159.10	-137.89	0.00025	-160.51	-136.47	0.00025
-162.63	-134.35	0.00025	-166.17	-130.81	0.00023
-169.71	-127.28	0.00022	-176.78	-120.21	0.00020
-183.85	-113.14	0.00018	-190.92	-106.07	0.00017
-197.99	-98.99	0.00016	-205.06	-91.92	0.00015
-212.13	-84.85	0.00014	-219.20	-77.78	0.00013
-84.85	-226.27	0.00028	-91.92	-219.20	0.00028
-98.99	-212.13	0.00028	-106.07	-205.06	0.00026
-113.14	-197.99	0.00025	-120.21	-190.92	0.00022
-127.28	-183.85	0.00020	-134.35	-176.78	0.00019
-137.89	-173.24	0.00018	-141.42	-169.71	0.00018
-143.54	-167.58	0.00018	-144.96	-166.17	0.00019
-146.37	-164.76	0.00019	-147.79	-163.34	0.00019
-149.20	-161.93	0.00020	-161.93	-149.20	0.00022
-163.34	-147.79	0.00022	-164.76	-146.37	0.00022
-166.17	-144.96	0.00022	-167.58	-143.54	0.00022
-169.71	-141.42	0.00022	-173.24	-137.89	0.00021
-176.78	-134.35	0.00020	-183.85	-127.28	0.00018
-190.92	-120.21	0.00016	-197.99	-113.14	0.00015
-205.06	-106.07	0.00014	-212.13	-98.99	0.00013
-219.20	-91.92	0.00013	-226.27	-84.85	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW 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
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17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00025	-98.99	-226.27	0.00024
-106.07	-219.20	0.00023	-113.14	-212.13	0.00022
-120.21	-205.06	0.00021	-127.28	-197.99	0.00019
-134.35	-190.92	0.00017	-141.42	-183.85	0.00016
-144.96	-180.31	0.00016	-148.49	-176.78	0.00016
-150.61	-174.66	0.00016	-152.03	-173.24	0.00016
-153.44	-171.83	0.00017	-154.86	-170.41	0.00017
-156.27	-169.00	0.00017	-169.00	-156.27	0.00020
-170.41	-154.86	0.00020	-171.83	-153.44	0.00020
-173.24	-152.03	0.00020	-174.66	-150.61	0.00019
-176.78	-148.49	0.00019	-180.31	-144.96	0.00019
-183.85	-141.42	0.00018	-190.92	-134.35	0.00016
-197.99	-127.28	0.00015	-205.06	-120.21	0.00013
-212.13	-113.14	0.00013	-219.20	-106.07	0.00012
-226.27	-98.99	0.00011	-233.35	-91.92	0.00011
-98.99	-240.42	0.00021	-106.07	-233.35	0.00021
-113.14	-226.27	0.00020	-120.21	-219.20	0.00019
-127.28	-212.13	0.00017	-134.35	-205.06	0.00016
-141.42	-197.99	0.00015	-148.49	-190.92	0.00014
-152.03	-187.38	0.00014	-155.56	-183.85	0.00014
-157.68	-181.73	0.00014	-159.10	-180.31	0.00015
-160.51	-178.90	0.00015	-161.93	-177.48	0.00015
-163.34	-176.07	0.00015	-176.07	-163.34	0.00017
-177.48	-161.93	0.00017	-178.90	-160.51	0.00017
-180.31	-159.10	0.00017	-181.73	-157.68	0.00017
-183.85	-155.56	0.00017	-187.38	-152.03	0.00017
-190.92	-148.49	0.00016	-197.99	-141.42	0.00015
-205.06	-134.35	0.00013	-212.13	-127.28	0.00012
-219.20	-120.21	0.00011	-226.27	-113.14	0.00011
-233.35	-106.07	0.00010	-240.42	-98.99	0.00010
-106.07	-247.49	0.00019	-113.14	-240.42	0.00018
-120.21	-233.35	0.00017	-127.28	-226.27	0.00016
-134.35	-219.20	0.00015	-141.42	-212.13	0.00014
-148.49	-205.06	0.00013	-155.56	-197.99	0.00012
-159.10	-194.45	0.00012	-162.63	-190.92	0.00013
-164.76	-188.80	0.00013	-166.17	-187.38	0.00013
-167.58	-185.97	0.00013	-169.00	-184.55	0.00013
-170.41	-183.14	0.00014	-183.14	-170.41	0.00015
-184.55	-169.00	0.00015	-185.97	-167.58	0.00015
-187.38	-166.17	0.00015	-188.80	-164.76	0.00015

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW 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	
-190.92	-162.63	0.00015	-194.45	-159.10	0.00015	
-197.99	-155.56	0.00014	-205.06	-148.49	0.00013	
-212.13	-141.42	0.00012	-219.20	-134.35	0.00011	
-226.27	-127.28	0.00010	-233.35	-120.21	0.00010	
-240.42	-113.14	0.00009	-247.49	-106.07	0.00009	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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	
247.49	106.07	0.00020	240.42	113.14	0.00021	
233.35	120.21	0.00022	226.27	127.28	0.00023	
219.20	134.35	0.00024	212.13	141.42	0.00025	
205.06	148.49	0.00026	197.99	155.56	0.00027	
194.45	159.10	0.00027	190.92	162.63	0.00027	
188.80	164.76	0.00028	187.38	166.17	0.00028	
185.97	167.58	0.00028	184.55	169.00	0.00028	
183.14	170.41	0.00028	170.41	183.14	0.00028	
169.00	184.55	0.00028	167.58	185.97	0.00028	
166.17	187.38	0.00028	164.76	188.80	0.00028	
162.63	190.92	0.00028	159.10	194.45	0.00027	
155.56	197.99	0.00027	148.49	205.06	0.00027	
141.42	212.13	0.00026	134.35	219.20	0.00027	
127.28	226.27	0.00027	120.21	233.35	0.00027	
113.14	240.42	0.00027	106.07	247.49	0.00027	
240.42	98.99	0.00021	233.35	106.07	0.00022	
226.27	113.14	0.00023	219.20	120.21	0.00024	
212.13	127.28	0.00026	205.06	134.35	0.00027	
197.99	141.42	0.00028	190.92	148.49	0.00029	
187.38	152.03	0.00029	183.85	155.56	0.00030	
181.73	157.68	0.00030	180.31	159.10	0.00030	
178.90	160.51	0.00030	177.48	161.93	0.00030	
176.07	163.34	0.00030	163.34	176.07	0.00030	



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00030	160.51	178.90	0.00030
159.10	180.31	0.00030	157.68	181.73	0.00030
155.56	183.85	0.00030	152.03	187.38	0.00030
148.49	190.92	0.00029	141.42	197.99	0.00029
134.35	205.06	0.00029	127.28	212.13	0.00029
120.21	219.20	0.00029	113.14	226.27	0.00029
106.07	233.35	0.00029	98.99	240.42	0.00029
233.35	91.92	0.00023	226.27	98.99	0.00024
219.20	106.07	0.00025	212.13	113.14	0.00026
205.06	120.21	0.00027	197.99	127.28	0.00029
190.92	134.35	0.00030	183.85	141.42	0.00031
180.31	144.96	0.00032	176.78	148.49	0.00032
174.66	150.61	0.00032	173.24	152.03	0.00032
171.83	153.44	0.00032	170.41	154.86	0.00033
169.00	156.27	0.00033	156.27	169.00	0.00033
154.86	170.41	0.00033	153.44	171.83	0.00033
152.03	173.24	0.00032	150.61	174.66	0.00032

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

\*\*\* Maximum train overlap at NE/SW 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
148.49	176.78	0.00032	144.96	180.31	0.00032
141.42	183.85	0.00032	134.35	190.92	0.00031
127.28	197.99	0.00031	120.21	205.06	0.00031
113.14	212.13	0.00032	106.07	219.20	0.00032
99.00	226.27	0.00032	91.92	233.35	0.00032
226.27	84.85	0.00024	219.20	91.92	0.00025
212.13	98.99	0.00027	205.06	106.07	0.00028
197.99	113.14	0.00029	190.92	120.21	0.00031
183.85	127.28	0.00032	176.78	134.35	0.00034
173.24	137.89	0.00034	169.71	141.42	0.00035
167.58	143.54	0.00035	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	0.00036
147.79	163.34	0.00036	146.37	164.76	0.00035
144.96	166.17	0.00035	143.54	167.58	0.00035
141.42	169.71	0.00035	137.89	173.24	0.00035
134.35	176.78	0.00034	127.28	183.85	0.00034

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	190.92	0.00034	113.14	197.99	0.00034
106.07	205.06	0.00034	99.00	212.13	0.00035
91.92	219.20	0.00035	84.85	226.27	0.00035
219.20	77.78	0.00026	212.13	84.85	0.00027
205.06	91.92	0.00028	197.99	98.99	0.00030
190.92	106.07	0.00032	183.85	113.14	0.00033
176.78	120.21	0.00035	169.71	127.28	0.00036
166.17	130.81	0.00037	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	0.00039
154.86	142.13	0.00039	142.13	154.86	0.00039
140.71	156.27	0.00039	139.30	157.68	0.00039
137.89	159.10	0.00039	136.47	160.51	0.00038
134.35	162.63	0.00038	130.81	166.17	0.00038
127.28	169.71	0.00038	120.21	176.78	0.00037
113.14	183.85	0.00037	106.07	190.92	0.00037
99.00	197.99	0.00038	91.92	205.06	0.00038
84.85	212.13	0.00038	77.78	219.20	0.00038
212.13	70.71	0.00027	205.06	77.78	0.00029
197.99	84.85	0.00031	190.92	91.92	0.00032
183.85	98.99	0.00034	176.78	106.07	0.00036
169.71	113.14	0.00038	162.63	120.21	0.00040
159.10	123.74	0.00041	155.56	127.28	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08 \*\*\* Maximum train overlap at NE/SW 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	0.00042	152.03	130.81	0.00042
150.61	132.23	0.00042	149.20	133.64	0.00042
147.79	135.06	0.00042	135.06	147.79	0.00043
133.64	149.20	0.00043	132.23	150.61	0.00042
130.81	152.03	0.00042	129.40	153.44	0.00042
127.28	155.56	0.00042	123.74	159.10	0.00041
120.21	162.63	0.00041	113.14	169.71	0.00041
106.07	176.78	0.00041	98.99	183.85	0.00041
91.92	190.92	0.00042	84.85	197.99	0.00042
77.78	205.06	0.00042	70.71	212.13	0.00042
205.06	63.64	0.00029	197.99	70.71	0.00031



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00056	130.81	109.60	0.00057
129.40	111.02	0.00057	127.99	112.43	0.00057
126.57	113.84	0.00058	113.84	126.57	0.00058
112.43	127.99	0.00058	111.02	129.40	0.00058
109.60	130.81	0.00057	108.19	132.23	0.00057
106.07	134.35	0.00057	102.53	137.89	0.00056
98.99	141.42	0.00056	91.92	148.49	0.00056
84.85	155.56	0.00056	77.78	162.63	0.00057
70.71	169.71	0.00057	63.64	176.78	0.00057
56.57	183.85	0.00057	49.50	190.92	0.00057
183.85	42.43	0.00037	176.78	49.50	0.00039
169.71	56.57	0.00042	162.63	63.64	0.00044
155.56	70.71	0.00048	148.49	77.78	0.00051
141.42	84.85	0.00055	134.35	91.92	0.00059
130.81	95.46	0.00060	127.28	98.99	0.00062
125.16	101.12	0.00063	123.74	102.53	0.00063
122.33	103.94	0.00064	120.92	105.36	0.00064
119.50	106.77	0.00065	106.77	119.50	0.00065
105.36	120.92	0.00065	103.94	122.33	0.00065
102.53	123.74	0.00064	101.12	125.16	0.00064
98.99	127.28	0.00064	95.46	130.81	0.00063
91.92	134.35	0.00063	84.85	141.42	0.00063
77.78	148.49	0.00064	70.71	155.56	0.00064
63.64	162.63	0.00064	56.57	169.71	0.00064
49.50	176.78	0.00064	42.43	183.85	0.00064
176.78	35.36	0.00040	169.71	42.43	0.00042
162.63	49.50	0.00045	155.56	56.57	0.00048
148.49	63.64	0.00052	141.42	70.71	0.00056
134.35	77.78	0.00061	127.28	84.85	0.00065
123.74	88.39	0.00067	120.21	91.92	0.00070
118.09	94.05	0.00071	116.67	95.46	0.00071
115.26	96.87	0.00072	113.84	98.29	0.00073
112.43	99.70	0.00073	99.70	112.43	0.00074
98.29	113.84	0.00073	96.87	115.26	0.00073
95.46	116.67	0.00073	94.05	118.09	0.00072

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 20:24:25  
 \*\*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      \*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00072	88.39	123.74	0.00071
84.85	127.28	0.00071	77.78	134.35	0.00072
70.71	141.42	0.00072	63.64	148.49	0.00073
56.57	155.56	0.00073	49.50	162.63	0.00073
42.43	169.71	0.00073	35.36	176.78	0.00072
169.71	28.28	0.00043	162.63	35.36	0.00046
155.56	42.43	0.00049	148.49	49.50	0.00053
141.42	56.57	0.00057	134.35	63.64	0.00062
127.28	70.71	0.00067	120.21	77.78	0.00073
116.67	81.32	0.00076	113.14	84.85	0.00078
111.02	86.97	0.00080	109.60	88.39	0.00081
108.19	89.80	0.00082	106.77	91.22	0.00082
105.36	92.63	0.00083	92.63	105.36	0.00084
91.22	106.77	0.00084	89.80	108.19	0.00083
88.39	109.60	0.00083	86.97	111.02	0.00082
84.85	113.14	0.00082	81.32	116.67	0.00081
77.78	120.21	0.00081	70.71	127.28	0.00082
63.64	134.35	0.00083	56.57	141.42	0.00083
49.50	148.49	0.00083	42.43	155.56	0.00083
35.36	162.63	0.00082	28.28	169.71	0.00080
162.63	21.21	0.00047	155.56	28.28	0.00050
148.49	35.36	0.00054	141.42	42.43	0.00058
134.35	49.50	0.00063	127.28	56.57	0.00069
120.21	63.64	0.00075	113.14	70.71	0.00082
109.60	74.25	0.00086	106.07	77.78	0.00089
103.94	79.90	0.00091	102.53	81.32	0.00092
101.12	82.73	0.00093	99.70	84.15	0.00094
98.29	85.56	0.00095	85.56	98.29	0.00097
84.15	99.70	0.00096	82.73	101.12	0.00096
81.32	102.53	0.00095	79.90	103.94	0.00095
77.78	106.07	0.00094	74.25	109.60	0.00094
70.71	113.14	0.00094	63.64	120.21	0.00095
56.57	127.28	0.00096	49.50	134.35	0.00096
42.43	141.42	0.00096	35.36	148.49	0.00095
28.28	155.56	0.00093	21.21	162.63	0.00090
155.56	14.14	0.00051	148.49	21.21	0.00055
141.42	28.28	0.00060	134.35	35.36	0.00065
127.28	42.43	0.00070	120.21	49.50	0.00077
113.14	56.57	0.00085	106.07	63.64	0.00093
102.53	67.18	0.00098	98.99	70.71	0.00102

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00105	95.46	74.25	0.00106
94.05	75.66	0.00108	92.63	77.07	0.00109
91.22	78.49	0.00110	78.49	91.22	0.00112
77.07	92.63	0.00112	75.66	94.05	0.00111
74.25	95.46	0.00111	72.83	96.87	0.00110
70.71	98.99	0.00110	67.18	102.53	0.00110
63.64	106.07	0.00110	56.57	113.14	0.00111
49.50	120.21	0.00113	42.43	127.28	0.00113
35.36	134.35	0.00112	28.28	141.42	0.00110
21.21	148.49	0.00106	14.14	155.56	0.00101
148.49	7.07	0.00056	141.42	14.14	0.00061
134.35	21.21	0.00066	127.28	28.28	0.00072
120.21	35.36	0.00079	113.14	42.43	0.00086
106.07	49.50	0.00096	98.99	56.57	0.00106
95.46	60.10	0.00112	91.92	63.64	0.00118
89.80	65.76	0.00121	88.39	67.18	0.00124
86.97	68.59	0.00126	85.56	70.00	0.00128
84.15	71.42	0.00129	71.42	84.15	0.00132
70.00	85.56	0.00132	68.59	86.97	0.00131
67.18	88.39	0.00130	65.76	89.80	0.00130
63.64	91.92	0.00130	60.10	95.46	0.00130
56.57	98.99	0.00131	49.50	106.07	0.00133
42.43	113.14	0.00134	35.36	120.21	0.00134
28.28	127.28	0.00131	21.21	134.35	0.00126
14.14	141.42	0.00120	7.07	148.49	0.00114
141.42	0.00	0.00062	134.35	7.07	0.00067
127.28	14.14	0.00074	120.21	21.21	0.00080
113.14	28.28	0.00088	106.07	35.36	0.00097
98.99	42.43	0.00108	91.92	49.50	0.00122
88.39	53.03	0.00129	84.85	56.57	0.00137
82.73	58.69	0.00142	81.32	60.10	0.00145
79.90	61.52	0.00148	78.49	62.93	0.00151
77.07	64.35	0.00153	64.35	77.07	0.00158
62.93	78.49	0.00157	61.52	79.90	0.00156
60.10	81.32	0.00156	58.69	82.73	0.00156
56.57	84.85	0.00156	53.03	88.39	0.00157
49.50	91.92	0.00158	42.43	98.99	0.00161

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00162	28.28	113.14	0.00158
21.21	120.21	0.00153	14.14	127.28	0.00145
7.07	134.35	0.00136	0.00	141.42	0.00127

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

20:24:25  
 \*\*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
134.35	-7.07	0.00069	127.28	0.00	0.00075
120.21	7.07	0.00082	113.14	14.14	0.00090
106.07	21.21	0.00100	98.99	28.28	0.00111
91.92	35.36	0.00124	84.85	42.43	0.00140
81.32	45.96	0.00150	77.78	49.50	0.00160
75.66	51.62	0.00167	74.25	53.03	0.00171
72.83	54.45	0.00176	71.42	55.86	0.00180
70.00	57.28	0.00184	57.28	70.00	0.00192
55.86	71.42	0.00191	54.45	72.83	0.00191
53.03	74.25	0.00191	51.62	75.66	0.00191
49.50	77.78	0.00192	45.96	81.32	0.00194
42.43	84.85	0.00196	35.36	91.92	0.00199
28.28	98.99	0.00196	21.21	106.07	0.00188
14.14	113.14	0.00178	7.07	120.21	0.00166
0.00	127.28	0.00153	-7.07	134.35	0.00140
127.28	-14.14	0.00076	120.21	-7.07	0.00083
113.14	0.00	0.00092	106.07	7.07	0.00102
98.99	14.14	0.00113	91.92	21.21	0.00126
84.85	28.28	0.00142	77.78	35.36	0.00162
74.25	38.89	0.00175	70.71	42.43	0.00189
68.59	44.55	0.00198	67.18	45.96	0.00204
65.76	47.38	0.00210	64.35	48.79	0.00217
62.93	50.20	0.00223	50.20	62.93	0.00239
48.79	64.35	0.00238	47.38	65.76	0.00239
45.96	67.18	0.00239	44.55	68.59	0.00240
42.43	70.71	0.00242	38.89	74.25	0.00246
35.36	77.78	0.00249	28.28	84.85	0.00248
21.21	91.92	0.00239	14.14	98.99	0.00224
7.07	106.07	0.00206	0.00	113.14	0.00188
-7.07	120.21	0.00170	-14.14	127.28	0.00153
120.21	-21.21	0.00083	113.14	-14.14	0.00093

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00103	98.99	0.00	0.00115
91.92	7.07	0.00129	84.85	14.14	0.00145
77.78	21.21	0.00165	70.71	28.28	0.00189
67.18	31.82	0.00204	63.64	35.36	0.00222
61.52	37.48	0.00235	60.10	38.89	0.00244
58.69	40.31	0.00253	57.28	41.72	0.00263
55.86	43.13	0.00273	43.13	55.86	0.00307
41.72	57.28	0.00308	40.31	58.69	0.00309
38.89	60.10	0.00312	37.48	61.52	0.00314

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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
35.36	63.64	0.00318	31.82	67.18	0.00322
28.28	70.71	0.00323	21.21	77.78	0.00310
14.14	84.85	0.00288	7.07	91.92	0.00262
0.00	98.99	0.00235	-7.07	106.07	0.00209
-14.14	113.14	0.00186	-21.21	120.21	0.00164
113.14	-28.28	0.00091	106.07	-21.21	0.00102
98.99	-14.14	0.00115	91.92	-7.07	0.00130
84.85	0.00	0.00148	77.78	7.07	0.00168
70.71	14.14	0.00192	63.64	21.21	0.00222
60.10	24.75	0.00240	56.57	28.28	0.00263
54.45	30.41	0.00279	53.03	31.82	0.00291
51.62	33.23	0.00305	50.20	34.65	0.00320
48.79	36.06	0.00335	36.06	48.79	0.00415
34.65	50.20	0.00419	33.23	51.62	0.00424
31.82	53.03	0.00428	30.41	54.45	0.00431
28.28	56.57	0.00432	24.75	60.10	0.00428
21.21	63.64	0.00416	14.14	70.71	0.00380
7.07	77.78	0.00339	0.00	84.85	0.00298
-7.07	91.92	0.00260	-14.14	98.99	0.00226
-21.21	106.07	0.00197	-28.28	113.14	0.00172
106.07	-35.36	0.00100	98.99	-28.28	0.00113
91.92	-21.21	0.00128	84.85	-14.14	0.00146
77.78	-7.07	0.00168	70.71	0.00	0.00194
63.64	7.07	0.00225	56.57	14.14	0.00263
53.03	17.68	0.00286	49.50	21.21	0.00315



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00336	45.96	24.75	0.00351
44.55	26.16	0.00370	43.13	27.58	0.00391
41.72	28.99	0.00417	28.99	41.72	0.00611
27.58	43.13	0.00608	26.16	44.55	0.00603
24.75	45.96	0.00596	23.33	47.38	0.00587
21.21	49.50	0.00571	17.68	53.03	0.00541
14.14	56.57	0.00507	7.07	63.64	0.00440
0.00	70.71	0.00378	-7.07	77.78	0.00323
-14.14	84.85	0.00276	-21.21	91.92	0.00236
-28.28	98.99	0.00203	-35.36	106.07	0.00175
98.99	-42.43	0.00108	91.92	-35.36	0.00123
84.85	-28.28	0.00142	77.78	-21.21	0.00164
70.71	-14.14	0.00190	63.64	-7.07	0.00222
56.57	0.00	0.00261	49.50	7.07	0.00310
45.96	10.61	0.00341	42.43	14.14	0.00379

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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	0.00408	38.89	17.68	0.00430
37.48	19.09	0.00455	36.06	20.51	0.00488
34.65	21.92	0.00528	21.92	34.65	0.00740
20.51	36.06	0.00714	19.09	37.48	0.00693
17.68	38.89	0.00675	16.26	40.31	0.00657
14.14	42.43	0.00632	10.61	45.96	0.00589
7.07	49.50	0.00546	0.00	56.57	0.00465
-7.07	63.64	0.00393	-14.14	70.71	0.00331
-21.21	77.78	0.00279	-28.28	84.85	0.00236
-35.36	91.92	0.00201	-42.43	98.99	0.00172
91.92	-49.50	0.00116	84.85	-42.43	0.00133
77.78	-35.36	0.00154	70.71	-28.28	0.00180
63.64	-21.21	0.00210	56.57	-14.14	0.00247
49.50	-7.07	0.00291	42.43	0.00	0.00344
38.89	3.54	0.00376	35.36	7.07	0.00414
33.23	9.19	0.00442	31.82	10.61	0.00463
30.41	12.02	0.00488	28.99	13.44	0.00517
27.58	14.85	0.00554	14.85	27.58	0.00738
13.44	28.99	0.00712	12.02	30.41	0.00690

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00671	9.19	33.23	0.00654
7.07	35.36	0.00627	3.54	38.89	0.00583
0.00	42.43	0.00540	-7.07	49.50	0.00459
-14.14	56.57	0.00386	-21.21	63.64	0.00322
-28.28	70.71	0.00270	-35.36	77.78	0.00227
-42.43	84.85	0.00192	-49.50	91.92	0.00163
84.85	-56.57	0.00123	77.78	-49.50	0.00141
70.71	-42.43	0.00164	63.64	-35.36	0.00190
56.57	-28.28	0.00223	49.50	-21.21	0.00260
42.43	-14.14	0.00304	35.36	-7.07	0.00357
31.82	-3.54	0.00387	28.28	0.00	0.00423
26.16	2.12	0.00448	24.75	3.54	0.00467
23.33	4.95	0.00489	21.92	6.36	0.00515
20.51	7.78	0.00549	7.78	20.51	0.00725
6.36	21.92	0.00698	4.95	23.33	0.00677
3.54	24.75	0.00658	2.12	26.16	0.00640
0.00	28.28	0.00613	-3.54	31.82	0.00568
-7.07	35.36	0.00524	-14.14	42.43	0.00440
-21.21	49.50	0.00366	-28.28	56.57	0.00303
-35.36	63.64	0.00252	-42.43	70.71	0.00210
-49.50	77.78	0.00177	-56.57	84.85	0.00150

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00126	70.71	-56.57	0.00145
63.64	-49.50	0.00167	56.57	-42.43	0.00194
49.50	-35.36	0.00226	42.43	-28.28	0.00264
35.36	-21.21	0.00308	28.28	-14.14	0.00357
24.75	-10.61	0.00385	21.21	-7.07	0.00416
19.09	-4.95	0.00438	17.68	-3.54	0.00455
16.26	-2.12	0.00474	14.85	-0.71	0.00498
13.44	0.71	0.00529	0.71	13.44	0.00703
-0.71	14.85	0.00676	-2.12	16.26	0.00654
-3.54	17.68	0.00634	-4.95	19.09	0.00615
-7.07	21.21	0.00588	-10.61	24.75	0.00543
-14.14	28.28	0.00498	-21.21	35.36	0.00412
-28.28	42.43	0.00337	-35.36	49.50	0.00276

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00227	-49.50	63.64	0.00188
-56.57	70.71	0.00158	-63.64	77.78	0.00133
70.71	-70.71	0.00126	63.64	-63.64	0.00144
56.57	-56.57	0.00166	49.50	-49.50	0.00193
42.43	-42.43	0.00224	35.36	-35.36	0.00261
28.28	-28.28	0.00302	21.21	-21.21	0.00347
17.68	-17.68	0.00371	14.14	-14.14	0.00397
12.02	-12.02	0.00416	10.61	-10.61	0.00430
9.19	-9.19	0.00448	7.78	-7.78	0.00470
6.36	-6.36	0.00499	-6.36	6.36	0.00671
-7.78	7.78	0.00643	-9.19	9.19	0.00620
-10.61	10.61	0.00600	-12.02	12.02	0.00580
-14.14	14.14	0.00552	-17.68	17.68	0.00506
-21.21	21.21	0.00460	-28.28	28.28	0.00373
-35.36	35.36	0.00300	-42.43	42.43	0.00242
-49.50	49.50	0.00197	-56.57	56.57	0.00163
-63.64	63.64	0.00136	-70.71	70.71	0.00114
63.64	-77.78	0.00122	56.57	-70.71	0.00140
49.50	-63.64	0.00161	42.43	-56.57	0.00187
35.36	-49.50	0.00217	28.28	-42.43	0.00251
21.21	-35.36	0.00289	14.14	-28.28	0.00328
10.61	-24.75	0.00348	7.07	-21.21	0.00369
4.95	-19.09	0.00384	3.54	-17.68	0.00396
2.12	-16.26	0.00411	0.71	-14.85	0.00430
-0.71	-13.44	0.00457	-13.44	-0.71	0.00622
-14.85	0.71	0.00594	-16.26	2.12	0.00570
-17.68	3.54	0.00549	-19.09	4.95	0.00529

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

20:24:25  
 \*\*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
-21.21	7.07	0.00499	-24.75	10.61	0.00450
-28.28	14.14	0.00403	-35.36	21.21	0.00319
-42.43	28.28	0.00253	-49.50	35.36	0.00202
-56.57	42.43	0.00164	-63.64	49.50	0.00134
-70.71	56.57	0.00112	-77.78	63.64	0.00094
56.57	-84.85	0.00117	49.50	-77.78	0.00133
42.43	-70.71	0.00153	35.36	-63.64	0.00176

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00203	21.21	-49.50	0.00234
14.14	-42.43	0.00267	7.07	-35.36	0.00300
3.54	-31.82	0.00315	0.00	-28.28	0.00331
-2.12	-26.16	0.00343	-3.54	-24.75	0.00352
-4.95	-23.33	0.00364	-6.36	-21.92	0.00379
-7.78	-20.51	0.00401	-20.51	-7.78	0.00550
-21.92	-6.36	0.00520	-23.33	-4.95	0.00495
-24.75	-3.54	0.00472	-26.16	-2.12	0.00450
-28.28	0.00	0.00418	-31.82	3.54	0.00368
-35.36	7.07	0.00323	-42.43	14.14	0.00251
-49.50	21.21	0.00197	-56.57	28.28	0.00157
-63.64	35.36	0.00127	-70.71	42.43	0.00105
-77.78	49.50	0.00088	-84.85	56.57	0.00075
49.50	-91.92	0.00110	42.43	-84.85	0.00124
35.36	-77.78	0.00141	28.28	-70.71	0.00161
21.21	-63.64	0.00184	14.14	-56.57	0.00210
7.07	-49.50	0.00237	0.00	-42.43	0.00262
-3.54	-38.89	0.00273	-7.07	-35.36	0.00284
-9.19	-33.23	0.00291	-10.61	-31.82	0.00297
-12.02	-30.41	0.00305	-13.44	-28.99	0.00315
-14.85	-27.58	0.00331	-27.58	-14.85	0.00434
-28.99	-13.44	0.00402	-30.41	-12.02	0.00374
-31.82	-10.61	0.00349	-33.23	-9.19	0.00326
-35.36	-7.07	0.00296	-38.89	-3.54	0.00255
-42.43	0.00	0.00221	-49.50	7.07	0.00172
-56.57	14.14	0.00137	-63.64	21.21	0.00111
-70.71	28.28	0.00092	-77.78	35.36	0.00078
-84.85	42.43	0.00066	-91.92	49.50	0.00057
42.43	-98.99	0.00101	35.36	-91.92	0.00113
28.28	-84.85	0.00128	21.21	-77.78	0.00144
14.14	-70.71	0.00162	7.07	-63.64	0.00180
0.00	-56.57	0.00198	-7.07	-49.50	0.00213
-10.61	-45.96	0.00218	-14.14	-42.43	0.00222

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
-16.26	-40.31	0.00224	-17.68	-38.89	0.00226

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00229	-20.51	-36.06	0.00233
-21.92	-34.65	0.00241	-34.65	-21.92	0.00229
-36.06	-20.51	0.00202	-37.48	-19.09	0.00184
-38.89	-17.68	0.00170	-40.31	-16.26	0.00159
-42.43	-14.14	0.00147	-45.96	-10.61	0.00131
-49.50	-7.07	0.00119	-56.57	0.00	0.00100
-63.64	7.07	0.00085	-70.71	14.14	0.00073
-77.78	21.21	0.00064	-84.85	28.28	0.00055
-91.92	35.36	0.00049	-98.99	42.43	0.00043
35.36	-106.07	0.00090	28.28	-98.99	0.00100
21.21	-91.92	0.00111	14.14	-84.85	0.00123
7.07	-77.78	0.00135	0.00	-70.71	0.00146
-7.07	-63.64	0.00154	-14.14	-56.57	0.00155
-17.68	-53.03	0.00151	-21.21	-49.50	0.00145
-23.33	-47.38	0.00139	-24.75	-45.96	0.00134
-26.16	-44.55	0.00129	-27.58	-43.13	0.00123
-28.99	-41.72	0.00116	-41.72	-28.99	0.00086
-43.13	-27.58	0.00083	-44.55	-26.16	0.00079
-45.96	-24.75	0.00077	-47.38	-23.33	0.00075
-49.50	-21.21	0.00072	-53.03	-17.68	0.00068
-56.57	-14.14	0.00065	-63.64	-7.07	0.00060
-70.71	0.00	0.00055	-77.78	7.07	0.00050
-84.85	14.14	0.00045	-91.92	21.21	0.00040
-98.99	28.28	0.00036	-106.07	35.36	0.00033
28.28	-113.14	0.00079	21.21	-106.07	0.00086
14.14	-98.99	0.00093	7.07	-91.92	0.00100
0.00	-84.85	0.00107	-7.07	-77.78	0.00112
-14.14	-70.71	0.00112	-21.21	-63.64	0.00107
-24.75	-60.10	0.00102	-28.28	-56.57	0.00094
-30.41	-54.45	0.00088	-31.82	-53.03	0.00084
-33.23	-51.62	0.00079	-34.65	-50.20	0.00075
-36.06	-48.79	0.00071	-48.79	-36.06	0.00069
-50.20	-34.65	0.00067	-51.62	-33.23	0.00065
-53.03	-31.82	0.00063	-54.45	-30.41	0.00061
-56.57	-28.28	0.00059	-60.10	-24.75	0.00055
-63.64	-21.21	0.00051	-70.71	-14.14	0.00046
-77.78	-7.07	0.00041	-84.85	0.00	0.00038
-91.92	7.07	0.00034	-98.99	14.14	0.00031
-106.07	21.21	0.00028	-113.14	28.28	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00067	14.14	-113.14	0.00072
7.07	-106.07	0.00077	0.00	-98.99	0.00081
-7.07	-91.92	0.00085	-14.14	-84.85	0.00086
-21.21	-77.78	0.00085	-28.28	-70.71	0.00078
-31.82	-67.18	0.00072	-35.36	-63.64	0.00065
-37.48	-61.52	0.00061	-38.89	-60.10	0.00058
-40.31	-58.69	0.00056	-41.72	-57.28	0.00054
-43.13	-55.86	0.00053	-55.86	-43.13	0.00058
-57.28	-41.72	0.00056	-58.69	-40.31	0.00055
-60.10	-38.89	0.00053	-61.52	-37.48	0.00051
-63.64	-35.36	0.00049	-67.18	-31.82	0.00046
-70.71	-28.28	0.00044	-77.78	-21.21	0.00039
-84.85	-14.14	0.00035	-91.92	-7.07	0.00032
-98.99	0.00	0.00029	-106.07	7.07	0.00026
-113.14	14.14	0.00024	-120.21	21.21	0.00022
14.14	-127.28	0.00057	7.07	-120.21	0.00061
0.00	-113.14	0.00064	-7.07	-106.07	0.00067
-14.14	-98.99	0.00069	-21.21	-91.92	0.00068
-28.28	-84.85	0.00065	-35.36	-77.78	0.00057
-38.89	-74.25	0.00053	-42.43	-70.71	0.00048
-44.55	-68.59	0.00045	-45.96	-67.18	0.00044
-47.38	-65.76	0.00043	-48.79	-64.35	0.00043
-50.20	-62.93	0.00043	-62.93	-50.20	0.00049
-64.35	-48.79	0.00048	-65.76	-47.38	0.00047
-67.18	-45.96	0.00045	-68.59	-44.55	0.00044
-70.71	-42.43	0.00042	-74.25	-38.89	0.00039
-77.78	-35.36	0.00037	-84.85	-28.28	0.00034
-91.92	-21.21	0.00031	-98.99	-14.14	0.00028
-106.07	-7.07	0.00025	-113.14	0.00	0.00023
-120.21	7.07	0.00021	-127.28	14.14	0.00019
7.07	-134.35	0.00049	0.00	-127.28	0.00052
-7.07	-120.21	0.00054	-14.14	-113.14	0.00056
-21.21	-106.07	0.00056	-28.28	-98.99	0.00054
-35.36	-91.92	0.00050	-42.43	-84.85	0.00043
-45.96	-81.32	0.00040	-49.50	-77.78	0.00037
-51.62	-75.66	0.00036	-53.03	-74.25	0.00035
-54.45	-72.83	0.00035	-55.86	-71.42	0.00035
-57.28	-70.00	0.00035	-70.00	-57.28	0.00041
-71.42	-55.86	0.00041	-72.83	-54.45	0.00040

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-74.25      -53.03      0.00039      -75.66      -51.62      0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
-77.78	-49.50	0.00037	-81.32	-45.96	0.00034
-84.85	-42.43	0.00032	-91.92	-35.36	0.00029
-98.99	-28.28	0.00027	-106.07	-21.21	0.00024
-113.14	-14.14	0.00023	-120.21	-7.07	0.00021
-127.28	0.00	0.00019	-134.35	7.07	0.00017
0.00	-141.42	0.00043	-7.07	-134.35	0.00045
-14.14	-127.28	0.00046	-21.21	-120.21	0.00046
-28.28	-113.14	0.00045	-35.36	-106.07	0.00042
-42.43	-98.99	0.00038	-49.50	-91.92	0.00033
-53.03	-88.39	0.00031	-56.57	-84.85	0.00030
-58.69	-82.73	0.00029	-60.10	-81.32	0.00029
-61.52	-79.90	0.00029	-62.93	-78.49	0.00030
-64.35	-77.07	0.00030	-77.07	-64.35	0.00035
-78.49	-62.93	0.00035	-79.90	-61.52	0.00034
-81.32	-60.10	0.00034	-82.73	-58.69	0.00033
-84.85	-56.57	0.00032	-88.39	-53.03	0.00030
-91.92	-49.50	0.00028	-98.99	-42.43	0.00025
-106.07	-35.36	0.00023	-113.14	-28.28	0.00021
-120.21	-21.21	0.00020	-127.28	-14.14	0.00019
-134.35	-7.07	0.00017	-141.42	0.00	0.00016
-7.07	-148.49	0.00038	-14.14	-141.42	0.00038
-21.21	-134.35	0.00039	-28.28	-127.28	0.00038
-35.36	-120.21	0.00037	-42.43	-113.14	0.00034
-49.50	-106.07	0.00030	-56.57	-98.99	0.00027
-60.10	-95.46	0.00026	-63.64	-91.92	0.00025
-65.76	-89.80	0.00025	-67.18	-88.39	0.00025
-68.59	-86.97	0.00025	-70.00	-85.56	0.00025
-71.42	-84.15	0.00026	-84.15	-71.42	0.00030
-85.56	-70.00	0.00030	-86.97	-68.59	0.00030
-88.39	-67.18	0.00029	-89.80	-65.76	0.00029
-91.92	-63.64	0.00028	-95.46	-60.10	0.00026
-98.99	-56.57	0.00025	-106.07	-49.50	0.00022
-113.14	-42.43	0.00020	-120.21	-35.36	0.00019

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00018	-134.35	-21.21	0.00017
-141.42	-14.14	0.00015	-148.49	-7.07	0.00014
-14.14	-155.56	0.00033	-21.21	-148.49	0.00033
-28.28	-141.42	0.00033	-35.36	-134.35	0.00032
-42.43	-127.28	0.00030	-49.50	-120.21	0.00027
-56.57	-113.14	0.00024	-63.64	-106.07	0.00022
-67.18	-102.53	0.00021	-70.71	-98.99	0.00021

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

\*\*\* Maximum train overlap at NE/SW 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
-72.83	-96.87	0.00021	-74.25	-95.46	0.00021
-75.66	-94.05	0.00022	-77.07	-92.63	0.00022
-78.49	-91.22	0.00022	-91.22	-78.49	0.00026
-92.63	-77.07	0.00026	-94.05	-75.66	0.00026
-95.46	-74.25	0.00025	-96.87	-72.83	0.00025
-98.99	-70.71	0.00025	-102.53	-67.18	0.00023
-106.07	-63.64	0.00022	-113.14	-56.57	0.00020
-120.21	-49.50	0.00018	-127.28	-42.43	0.00017
-134.35	-35.36	0.00016	-141.42	-28.28	0.00015
-148.49	-21.21	0.00014	-155.56	-14.14	0.00013
-21.21	-162.63	0.00028	-28.28	-155.56	0.00028
-35.36	-148.49	0.00028	-42.43	-141.42	0.00026
-49.50	-134.35	0.00025	-56.57	-127.28	0.00022
-63.64	-120.21	0.00020	-70.71	-113.14	0.00019
-74.25	-109.60	0.00018	-77.78	-106.07	0.00018
-79.90	-103.94	0.00018	-81.32	-102.53	0.00019
-82.73	-101.12	0.00019	-84.15	-99.70	0.00019
-85.56	-98.29	0.00020	-98.29	-85.56	0.00022
-99.70	-84.15	0.00022	-101.12	-82.73	0.00022
-102.53	-81.32	0.00022	-103.94	-79.90	0.00022
-106.07	-77.78	0.00022	-109.60	-74.25	0.00021
-113.14	-70.71	0.00020	-120.21	-63.64	0.00018
-127.28	-56.57	0.00016	-134.35	-49.50	0.00015
-141.42	-42.43	0.00014	-148.49	-35.36	0.00013
-155.56	-28.28	0.00013	-162.63	-21.21	0.00012
-28.28	-169.71	0.00025	-35.36	-162.63	0.00024
-42.43	-155.56	0.00023	-49.50	-148.49	0.00022



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00021	-63.64	-134.35	0.00019
-70.71	-127.28	0.00017	-77.78	-120.21	0.00016
-81.32	-116.67	0.00016	-84.85	-113.14	0.00016
-86.97	-111.02	0.00016	-88.39	-109.60	0.00016
-89.80	-108.19	0.00017	-91.22	-106.77	0.00017
-92.63	-105.36	0.00017	-105.36	-92.63	0.00020
-106.77	-91.22	0.00020	-108.19	-89.80	0.00020
-109.60	-88.39	0.00020	-111.02	-86.97	0.00019
-113.14	-84.85	0.00019	-116.67	-81.32	0.00019
-120.21	-77.78	0.00018	-127.28	-70.71	0.00016
-134.35	-63.64	0.00015	-141.42	-56.57	0.00013
-148.49	-49.50	0.00013	-155.56	-42.43	0.00012
-162.63	-35.36	0.00011	-169.71	-28.28	0.00011

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

\*\*\* Maximum train overlap at NE/SW 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
-35.36	-176.78	0.00021	-42.43	-169.71	0.00021
-49.50	-162.63	0.00020	-56.57	-155.56	0.00019
-63.64	-148.49	0.00017	-70.71	-141.42	0.00016
-77.78	-134.35	0.00015	-84.85	-127.28	0.00014
-88.39	-123.74	0.00014	-91.92	-120.21	0.00014
-94.05	-118.09	0.00014	-95.46	-116.67	0.00015
-96.87	-115.26	0.00015	-98.29	-113.84	0.00015
-99.70	-112.43	0.00015	-112.43	-99.70	0.00017
-113.84	-98.29	0.00017	-115.26	-96.87	0.00017
-116.67	-95.46	0.00017	-118.09	-94.05	0.00017
-120.21	-91.92	0.00017	-123.74	-88.39	0.00017
-127.28	-84.85	0.00016	-134.35	-77.78	0.00015
-141.42	-70.71	0.00013	-148.49	-63.64	0.00012
-155.56	-56.57	0.00011	-162.63	-49.50	0.00011
-169.71	-42.43	0.00010	-176.78	-35.36	0.00010
-42.43	-183.85	0.00019	-49.50	-176.78	0.00018
-56.57	-169.71	0.00017	-63.64	-162.63	0.00016
-70.71	-155.56	0.00015	-77.78	-148.49	0.00014
-84.85	-141.42	0.00013	-91.92	-134.35	0.00012
-95.46	-130.81	0.00012	-98.99	-127.28	0.00013
-101.12	-125.16	0.00013	-102.53	-123.74	0.00013

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00013	-105.36	-120.92	0.00013
-106.77	-119.50	0.00014	-119.50	-106.77	0.00015
-120.92	-105.36	0.00015	-122.33	-103.94	0.00015
-123.74	-102.53	0.00015	-125.16	-101.12	0.00015
-127.28	-98.99	0.00015	-130.81	-95.46	0.00015
-134.35	-91.92	0.00014	-141.42	-84.85	0.00013
-148.49	-77.78	0.00012	-155.56	-70.71	0.00011
-162.63	-63.64	0.00010	-169.71	-56.57	0.00010
-176.78	-49.50	0.00009	-183.85	-42.43	0.00009
-49.50	-190.92	0.00016	-56.57	-183.85	0.00016
-63.64	-176.78	0.00015	-70.71	-169.71	0.00014
-77.78	-162.63	0.00013	-84.85	-155.56	0.00012
-91.92	-148.49	0.00011	-98.99	-141.42	0.00011
-102.53	-137.89	0.00011	-106.07	-134.35	0.00011
-108.19	-132.23	0.00012	-109.60	-130.81	0.00012
-111.02	-129.40	0.00012	-112.43	-127.99	0.00012
-113.84	-126.57	0.00012	-126.57	-113.84	0.00014
-127.99	-112.43	0.00014	-129.40	-111.02	0.00014
-130.81	-109.60	0.00014	-132.23	-108.19	0.00014

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25  
 \*\*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
-134.35	-106.07	0.00014	-137.89	-102.53	0.00013
-141.42	-98.99	0.00013	-148.49	-91.92	0.00012
-155.56	-84.85	0.00011	-162.63	-77.78	0.00010
-169.71	-70.71	0.00010	-176.78	-63.64	0.00009
-183.85	-56.57	0.00009	-190.92	-49.50	0.00008
-56.57	-197.99	0.00014	-63.64	-190.92	0.00014
-70.71	-183.85	0.00013	-77.78	-176.78	0.00012
-84.85	-169.71	0.00011	-91.92	-162.63	0.00010
-98.99	-155.56	0.00010	-106.07	-148.49	0.00010
-109.60	-144.96	0.00010	-113.14	-141.42	0.00010
-115.26	-139.30	0.00011	-116.67	-137.89	0.00011
-118.09	-136.47	0.00011	-119.50	-135.06	0.00011
-120.92	-133.64	0.00011	-133.64	-120.92	0.00012
-135.06	-119.50	0.00012	-136.47	-118.09	0.00012
-137.89	-116.67	0.00012	-139.30	-115.26	0.00012

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00012	-144.96	-109.60	0.00012
-148.49	-106.07	0.00012	-155.56	-98.99	0.00011
-162.63	-91.92	0.00010	-169.71	-84.85	0.00010
-176.78	-77.78	0.00009	-183.85	-70.71	0.00008
-190.92	-63.64	0.00008	-197.99	-56.57	0.00008
-63.64	-205.06	0.00013	-70.71	-197.99	0.00012
-77.78	-190.92	0.00011	-84.85	-183.85	0.00010
-91.92	-176.78	0.00010	-98.99	-169.71	0.00009
-106.07	-162.63	0.00009	-113.14	-155.56	0.00009
-116.67	-152.03	0.00009	-120.21	-148.49	0.00009
-122.33	-146.37	0.00010	-123.74	-144.96	0.00010
-125.16	-143.54	0.00010	-126.57	-142.13	0.00010
-127.99	-140.71	0.00010	-140.71	-127.99	0.00011
-142.13	-126.57	0.00011	-143.54	-125.16	0.00011
-144.96	-123.74	0.00011	-146.37	-122.33	0.00011
-148.49	-120.21	0.00011	-152.03	-116.67	0.00011
-155.56	-113.14	0.00011	-162.63	-106.07	0.00010
-169.71	-98.99	0.00010	-176.78	-91.92	0.00009
-183.85	-84.85	0.00008	-190.92	-77.78	0.00008
-197.99	-70.71	0.00007	-205.06	-63.64	0.00007
-70.71	-212.13	0.00011	-77.78	-205.06	0.00011
-84.85	-197.99	0.00010	-91.92	-190.92	0.00009
-98.99	-183.85	0.00009	-106.07	-176.78	0.00008
-113.14	-169.71	0.00008	-120.21	-162.63	0.00008
-123.74	-159.10	0.00008	-127.28	-155.56	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
-129.40	-153.44	0.00009	-130.81	-152.03	0.00009
-132.23	-150.61	0.00009	-133.64	-149.20	0.00009
-135.06	-147.79	0.00009	-147.79	-135.06	0.00010
-149.20	-133.64	0.00010	-150.61	-132.23	0.00010
-152.03	-130.81	0.00010	-153.44	-129.40	0.00010
-155.56	-127.28	0.00010	-159.10	-123.74	0.00010
-162.63	-120.21	0.00010	-169.71	-113.14	0.00010
-176.78	-106.07	0.00009	-183.85	-98.99	0.00008
-190.92	-91.92	0.00008	-197.99	-84.85	0.00007

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00007	-212.13	-70.71	0.00007
-77.78	-219.20	0.00010	-84.85	-212.13	0.00009
-91.92	-205.06	0.00009	-98.99	-197.99	0.00008
-106.07	-190.92	0.00008	-113.14	-183.85	0.00008
-120.21	-176.78	0.00007	-127.28	-169.71	0.00008
-130.81	-166.17	0.00008	-134.35	-162.63	0.00008
-136.47	-160.51	0.00008	-137.89	-159.10	0.00008
-139.30	-157.68	0.00008	-140.71	-156.27	0.00008
-142.13	-154.86	0.00008	-154.86	-142.13	0.00009
-156.27	-140.71	0.00009	-157.68	-139.30	0.00009
-159.10	-137.89	0.00009	-160.51	-136.47	0.00009
-162.63	-134.35	0.00009	-166.17	-130.81	0.00009
-169.71	-127.28	0.00009	-176.78	-120.21	0.00009
-183.85	-113.14	0.00008	-190.92	-106.07	0.00008
-197.99	-98.99	0.00007	-205.06	-91.92	0.00007
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00009	-91.92	-219.20	0.00008
-98.99	-212.13	0.00008	-106.07	-205.06	0.00007
-113.14	-197.99	0.00007	-120.21	-190.92	0.00007
-127.28	-183.85	0.00007	-134.35	-176.78	0.00007
-137.89	-173.24	0.00007	-141.42	-169.71	0.00007
-143.54	-167.58	0.00007	-144.96	-166.17	0.00008
-146.37	-164.76	0.00008	-147.79	-163.34	0.00008
-149.20	-161.93	0.00008	-161.93	-149.20	0.00009
-163.34	-147.79	0.00009	-164.76	-146.37	0.00009
-166.17	-144.96	0.00009	-167.58	-143.54	0.00009
-169.71	-141.42	0.00009	-173.24	-137.89	0.00009
-176.78	-134.35	0.00008	-183.85	-127.28	0.00008
-190.92	-120.21	0.00008	-197.99	-113.14	0.00007
-205.06	-106.07	0.00007	-212.13	-98.99	0.00006
-219.20	-91.92	0.00006	-226.27	-84.85	0.00006

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

\*\*\* Maximum train overlap at NE/SW 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
-91.92	-233.35	0.00008	-98.99	-226.27	0.00007
-106.07	-219.20	0.00007	-113.14	-212.13	0.00007
-120.21	-205.06	0.00006	-127.28	-197.99	0.00006

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00006	-141.42	-183.85	0.00006
-144.96	-180.31	0.00007	-148.49	-176.78	0.00007
-150.61	-174.66	0.00007	-152.03	-173.24	0.00007
-153.44	-171.83	0.00007	-154.86	-170.41	0.00007
-156.27	-169.00	0.00007	-169.00	-156.27	0.00008
-170.41	-154.86	0.00008	-171.83	-153.44	0.00008
-173.24	-152.03	0.00008	-174.66	-150.61	0.00008
-176.78	-148.49	0.00008	-180.31	-144.96	0.00008
-183.85	-141.42	0.00008	-190.92	-134.35	0.00008
-197.99	-127.28	0.00007	-205.06	-120.21	0.00007
-212.13	-113.14	0.00006	-219.20	-106.07	0.00006
-226.27	-98.99	0.00006	-233.35	-91.92	0.00005
-98.99	-240.42	0.00007	-106.07	-233.35	0.00007
-113.14	-226.27	0.00006	-120.21	-219.20	0.00006
-127.28	-212.13	0.00006	-134.35	-205.06	0.00006
-141.42	-197.99	0.00006	-148.49	-190.92	0.00006
-152.03	-187.38	0.00006	-155.56	-183.85	0.00006
-157.68	-181.73	0.00006	-159.10	-180.31	0.00006
-160.51	-178.90	0.00007	-161.93	-177.48	0.00007
-163.34	-176.07	0.00007	-176.07	-163.34	0.00007
-177.48	-161.93	0.00007	-178.90	-160.51	0.00007
-180.31	-159.10	0.00007	-181.73	-157.68	0.00007
-183.85	-155.56	0.00007	-187.38	-152.03	0.00007
-190.92	-148.49	0.00007	-197.99	-141.42	0.00007
-205.06	-134.35	0.00007	-212.13	-127.28	0.00006
-219.20	-120.21	0.00006	-226.27	-113.14	0.00006
-233.35	-106.07	0.00005	-240.42	-98.99	0.00005
-106.07	-247.49	0.00006	-113.14	-240.42	0.00006
-120.21	-233.35	0.00006	-127.28	-226.27	0.00006
-134.35	-219.20	0.00005	-141.42	-212.13	0.00005
-148.49	-205.06	0.00005	-155.56	-197.99	0.00006
-159.10	-194.45	0.00006	-162.63	-190.92	0.00006
-164.76	-188.80	0.00006	-166.17	-187.38	0.00006
-167.58	-185.97	0.00006	-169.00	-184.55	0.00006
-170.41	-183.14	0.00006	-183.14	-170.41	0.00007
-184.55	-169.00	0.00007	-185.97	-167.58	0.00007
-187.38	-166.17	0.00007	-188.80	-164.76	0.00007

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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 ,



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00071	141.42	197.99	0.00072
134.35	205.06	0.00072	127.28	212.13	0.00073
120.21	219.20	0.00073	113.14	226.27	0.00073
106.07	233.35	0.00073	98.99	240.42	0.00072
233.35	91.92	0.00043	226.27	98.99	0.00046
219.20	106.07	0.00049	212.13	113.14	0.00053
205.06	120.21	0.00057	197.99	127.28	0.00062
190.92	134.35	0.00067	183.85	141.42	0.00073
180.31	144.96	0.00076	176.78	148.49	0.00078
174.66	150.61	0.00080	173.24	152.03	0.00081
171.83	153.44	0.00082	170.41	154.86	0.00082
169.00	156.27	0.00083	156.27	169.00	0.00084
154.86	170.41	0.00084	153.44	171.83	0.00083
152.03	173.24	0.00083	150.61	174.66	0.00082

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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
148.49	176.78	0.00082	144.96	180.31	0.00081
141.42	183.85	0.00081	134.35	190.92	0.00082
127.28	197.99	0.00083	120.21	205.06	0.00083
113.14	212.13	0.00083	106.07	219.20	0.00083
99.00	226.27	0.00082	91.92	233.35	0.00080
226.27	84.85	0.00047	219.20	91.92	0.00050
212.13	98.99	0.00054	205.06	106.07	0.00058
197.99	113.14	0.00063	190.92	120.21	0.00069
183.85	127.28	0.00075	176.78	134.35	0.00082
173.24	137.89	0.00086	169.71	141.42	0.00089
167.58	143.54	0.00091	166.17	144.96	0.00092
164.76	146.37	0.00093	163.34	147.79	0.00094
161.93	149.20	0.00095	149.20	161.93	0.00097
147.79	163.34	0.00096	146.37	164.76	0.00096
144.96	166.17	0.00095	143.54	167.58	0.00095
141.42	169.71	0.00094	137.89	173.24	0.00094
134.35	176.78	0.00094	127.28	183.85	0.00095
120.21	190.92	0.00096	113.14	197.99	0.00096
106.07	205.06	0.00096	99.00	212.13	0.00095
91.92	219.20	0.00093	84.85	226.27	0.00090

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00051	212.13	84.85	0.00055
205.06	91.92	0.00060	197.99	98.99	0.00065
190.92	106.07	0.00070	183.85	113.14	0.00077
176.78	120.21	0.00085	169.71	127.28	0.00093
166.17	130.81	0.00098	162.63	134.35	0.00102
160.51	136.47	0.00105	159.10	137.89	0.00106
157.68	139.30	0.00108	156.27	140.71	0.00109
154.86	142.13	0.00110	142.13	154.86	0.00112
140.71	156.27	0.00112	139.30	157.68	0.00111
137.89	159.10	0.00111	136.47	160.51	0.00110
134.35	162.63	0.00110	130.81	166.17	0.00110
127.28	169.71	0.00110	120.21	176.78	0.00111
113.14	183.85	0.00113	106.07	190.92	0.00113
99.00	197.99	0.00112	91.92	205.06	0.00110
84.85	212.13	0.00106	77.78	219.20	0.00101
212.13	70.71	0.00056	205.06	77.78	0.00061
197.99	84.85	0.00066	190.92	91.92	0.00072
183.85	98.99	0.00079	176.78	106.07	0.00086
169.71	113.14	0.00096	162.63	120.21	0.00106
159.10	123.74	0.00112	155.56	127.28	0.00118

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

20:24:25  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00121	152.03	130.81	0.00124
150.61	132.23	0.00126	149.20	133.64	0.00128
147.79	135.06	0.00129	135.06	147.79	0.00132
133.64	149.20	0.00132	132.23	150.61	0.00131
130.81	152.03	0.00130	129.40	153.44	0.00130
127.28	155.56	0.00130	123.74	159.10	0.00130
120.21	162.63	0.00131	113.14	169.71	0.00133
106.07	176.78	0.00134	98.99	183.85	0.00134
91.92	190.92	0.00131	84.85	197.99	0.00126
77.78	205.06	0.00120	70.71	212.13	0.00114
205.06	63.64	0.00062	197.99	70.71	0.00067
190.92	77.78	0.00074	183.85	84.85	0.00080
176.78	91.92	0.00088	169.71	98.99	0.00097
162.63	106.07	0.00108	155.56	113.14	0.00122



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00129	148.49	120.21	0.00137
146.37	122.33	0.00142	144.96	123.74	0.00145
143.54	125.16	0.00148	142.13	126.57	0.00151
140.71	127.99	0.00153	127.99	140.71	0.00158
126.57	142.13	0.00157	125.16	143.54	0.00156
123.74	144.96	0.00156	122.33	146.37	0.00156
120.21	148.49	0.00156	116.67	152.03	0.00157
113.14	155.56	0.00158	106.07	162.63	0.00161
98.99	169.71	0.00162	91.92	176.78	0.00158
84.85	183.85	0.00153	77.78	190.92	0.00145
70.71	197.99	0.00136	63.64	205.06	0.00127
197.99	56.57	0.00069	190.92	63.64	0.00075
183.85	70.71	0.00082	176.78	77.78	0.00090
169.71	84.85	0.00100	162.63	91.92	0.00111
155.56	98.99	0.00124	148.49	106.07	0.00140
144.96	109.60	0.00150	141.42	113.14	0.00160
139.30	115.26	0.00167	137.89	116.67	0.00171
136.47	118.09	0.00176	135.06	119.50	0.00180
133.64	120.92	0.00184	120.92	133.64	0.00192
119.50	135.06	0.00191	118.09	136.47	0.00191
116.67	137.89	0.00191	115.26	139.30	0.00191
113.14	141.42	0.00192	109.60	144.96	0.00194
106.07	148.49	0.00196	98.99	155.56	0.00199
91.92	162.63	0.00196	84.85	169.71	0.00188
77.78	176.78	0.00178	70.71	183.85	0.00166
63.64	190.92	0.00153	56.57	197.99	0.00140

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

20:24:25  
 \*\*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
190.92	49.50	0.00076	183.85	56.57	0.00083
176.78	63.64	0.00092	169.71	70.71	0.00102
162.63	77.78	0.00113	155.56	84.85	0.00126
148.49	91.92	0.00142	141.42	98.99	0.00162
137.89	102.53	0.00175	134.35	106.07	0.00189
132.23	108.19	0.00198	130.81	109.60	0.00204
129.40	111.02	0.00210	127.99	112.43	0.00217
126.57	113.84	0.00223	113.84	126.57	0.00239

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00238	111.02	129.40	0.00239
109.60	130.81	0.00239	108.19	132.23	0.00240
106.07	134.35	0.00242	102.53	137.89	0.00246
98.99	141.42	0.00249	91.92	148.49	0.00248
84.85	155.56	0.00239	77.78	162.63	0.00224
70.71	169.71	0.00206	63.64	176.78	0.00188
56.57	183.85	0.00170	49.50	190.92	0.00153
183.85	42.43	0.00083	176.78	49.50	0.00093
169.71	56.57	0.00103	162.63	63.64	0.00115
155.56	70.71	0.00129	148.49	77.78	0.00145
141.42	84.85	0.00165	134.35	91.92	0.00189
130.81	95.46	0.00204	127.28	98.99	0.00222
125.16	101.12	0.00235	123.74	102.53	0.00244
122.33	103.94	0.00253	120.92	105.36	0.00263
119.50	106.77	0.00273	106.77	119.50	0.00307
105.36	120.92	0.00308	103.94	122.33	0.00309
102.53	123.74	0.00312	101.12	125.16	0.00314
98.99	127.28	0.00318	95.46	130.81	0.00322
91.92	134.35	0.00323	84.85	141.42	0.00310
77.78	148.49	0.00288	70.71	155.56	0.00262
63.64	162.63	0.00235	56.57	169.71	0.00209
49.50	176.78	0.00186	42.43	183.85	0.00164
176.78	35.36	0.00091	169.71	42.43	0.00102
162.63	49.50	0.00115	155.56	56.57	0.00130
148.49	63.64	0.00148	141.42	70.71	0.00168
134.35	77.78	0.00192	127.28	84.85	0.00222
123.74	88.39	0.00240	120.21	91.92	0.00263
118.09	94.05	0.00279	116.67	95.46	0.00291
115.26	96.87	0.00305	113.84	98.29	0.00320
112.43	99.70	0.00335	99.70	112.43	0.00415
98.29	113.84	0.00419	96.87	115.26	0.00424
95.46	116.67	0.00428	94.05	118.09	0.00431

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

20:24:25  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00432	88.39	123.74	0.00428
84.85	127.28	0.00416	77.78	134.35	0.00380

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00339	63.64	148.49	0.00298
56.57	155.56	0.00260	49.50	162.63	0.00226
42.43	169.71	0.00197	35.36	176.78	0.00172
169.71	28.28	0.00100	162.63	35.36	0.00113
155.56	42.43	0.00128	148.49	49.50	0.00146
141.42	56.57	0.00168	134.35	63.64	0.00194
127.28	70.71	0.00225	120.21	77.78	0.00263
116.67	81.32	0.00286	113.14	84.85	0.00315
111.02	86.97	0.00336	109.60	88.39	0.00351
108.19	89.80	0.00370	106.77	91.22	0.00391
105.36	92.63	0.00417	92.63	105.36	0.00611
91.22	106.77	0.00608	89.80	108.19	0.00603
88.39	109.60	0.00596	86.97	111.02	0.00587
84.85	113.14	0.00571	81.32	116.67	0.00541
77.78	120.21	0.00507	70.71	127.28	0.00440
63.64	134.35	0.00378	56.57	141.42	0.00323
49.50	148.49	0.00276	42.43	155.56	0.00236
35.36	162.63	0.00203	28.28	169.71	0.00175
162.63	21.21	0.00108	155.56	28.28	0.00123
148.49	35.36	0.00142	141.42	42.43	0.00164
134.35	49.50	0.00190	127.28	56.57	0.00222
120.21	63.64	0.00261	113.14	70.71	0.00310
109.60	74.25	0.00341	106.07	77.78	0.00379
103.94	79.90	0.00408	102.53	81.32	0.00430
101.12	82.73	0.00455	99.70	84.15	0.00488
98.29	85.56	0.00528	85.56	98.29	0.00740
84.15	99.70	0.00714	82.73	101.12	0.00693
81.32	102.53	0.00675	79.90	103.94	0.00657
77.78	106.07	0.00632	74.25	109.60	0.00589
70.71	113.14	0.00546	63.64	120.21	0.00465
56.57	127.28	0.00393	49.50	134.35	0.00331
42.43	141.42	0.00279	35.36	148.49	0.00236
28.28	155.56	0.00201	21.21	162.63	0.00172
155.56	14.14	0.00116	148.49	21.21	0.00133
141.42	28.28	0.00154	134.35	35.36	0.00180
127.28	42.43	0.00210	120.21	49.50	0.00247
113.14	56.57	0.00291	106.07	63.64	0.00344
102.53	67.18	0.00376	98.99	70.71	0.00414

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

\*\*\* Maximum train overlap at NE/SW 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

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17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW 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
96.87	72.83	0.00442	95.46	74.25	0.00463
94.05	75.66	0.00488	92.63	77.07	0.00517
91.22	78.49	0.00554	78.49	91.22	0.00738
77.07	92.63	0.00712	75.66	94.05	0.00690
74.25	95.46	0.00671	72.83	96.87	0.00654
70.71	98.99	0.00627	67.18	102.53	0.00583
63.64	106.07	0.00540	56.57	113.14	0.00459
49.50	120.21	0.00386	42.43	127.28	0.00322
35.36	134.35	0.00270	28.28	141.42	0.00227
21.21	148.49	0.00192	14.14	155.56	0.00163
148.49	7.07	0.00123	141.42	14.14	0.00141
134.35	21.21	0.00164	127.28	28.28	0.00190
120.21	35.36	0.00223	113.14	42.43	0.00260
106.07	49.50	0.00304	98.99	56.57	0.00357
95.46	60.10	0.00387	91.92	63.64	0.00423
89.80	65.76	0.00448	88.39	67.18	0.00467
86.97	68.59	0.00489	85.56	70.00	0.00515
84.15	71.42	0.00549	71.42	84.15	0.00725
70.00	85.56	0.00698	68.59	86.97	0.00677
67.18	88.39	0.00658	65.76	89.80	0.00640
63.64	91.92	0.00613	60.10	95.46	0.00568
56.57	98.99	0.00524	49.50	106.07	0.00440
42.43	113.14	0.00366	35.36	120.21	0.00303
28.28	127.28	0.00252	21.21	134.35	0.00210
14.14	141.42	0.00177	7.07	148.49	0.00150
141.42	0.00	0.00126	134.35	7.07	0.00145
127.28	14.14	0.00167	120.21	21.21	0.00194
113.14	28.28	0.00226	106.07	35.36	0.00264
98.99	42.43	0.00308	91.92	49.50	0.00357
88.39	53.03	0.00385	84.85	56.57	0.00416
82.73	58.69	0.00438	81.32	60.10	0.00455
79.90	61.52	0.00474	78.49	62.93	0.00498
77.07	64.35	0.00529	64.35	77.07	0.00703
62.93	78.49	0.00676	61.52	79.90	0.00654
60.10	81.32	0.00634	58.69	82.73	0.00615
56.57	84.85	0.00588	53.03	88.39	0.00543
49.50	91.92	0.00498	42.43	98.99	0.00412
35.36	106.07	0.00337	28.28	113.14	0.00276
21.21	120.21	0.00227	14.14	127.28	0.00188
7.07	134.35	0.00158	0.00	141.42	0.00133

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at NE/SW 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
134.35	-7.07	0.00126	127.28	0.00	0.00144
120.21	7.07	0.00166	113.14	14.14	0.00193
106.07	21.21	0.00224	98.99	28.28	0.00261
91.92	35.36	0.00302	84.85	42.43	0.00347
81.32	45.96	0.00371	77.78	49.50	0.00397
75.66	51.62	0.00416	74.25	53.03	0.00430
72.83	54.45	0.00448	71.42	55.86	0.00470
70.00	57.28	0.00499	57.28	70.00	0.00671
55.86	71.42	0.00643	54.45	72.83	0.00620
53.03	74.25	0.00600	51.62	75.66	0.00580
49.50	77.78	0.00552	45.96	81.32	0.00506
42.43	84.85	0.00460	35.36	91.92	0.00373
28.28	98.99	0.00300	21.21	106.07	0.00242
14.14	113.14	0.00197	7.07	120.21	0.00163
0.00	127.28	0.00136	-7.07	134.35	0.00114
127.28	-14.14	0.00122	120.21	-7.07	0.00140
113.14	0.00	0.00161	106.07	7.07	0.00187
98.99	14.14	0.00217	91.92	21.21	0.00251
84.85	28.28	0.00289	77.78	35.36	0.00328
74.25	38.89	0.00348	70.71	42.43	0.00369
68.59	44.55	0.00384	67.18	45.96	0.00396
65.76	47.38	0.00411	64.35	48.79	0.00430
62.93	50.20	0.00457	50.20	62.93	0.00622
48.79	64.35	0.00594	47.38	65.76	0.00570
45.96	67.18	0.00549	44.55	68.59	0.00529
42.43	70.71	0.00499	38.89	74.25	0.00450
35.36	77.78	0.00403	28.28	84.85	0.00319
21.21	91.92	0.00253	14.14	98.99	0.00202
7.07	106.07	0.00164	0.00	113.14	0.00134
-7.07	120.21	0.00112	-14.14	127.28	0.00094
120.21	-21.21	0.00117	113.14	-14.14	0.00133
106.07	-7.07	0.00153	98.99	0.00	0.00176
91.92	7.07	0.00203	84.85	14.14	0.00234
77.78	21.21	0.00267	70.71	28.28	0.00300

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00315	63.64	35.36	0.00331
61.52	37.48	0.00343	60.10	38.89	0.00352
58.69	40.31	0.00364	57.28	41.72	0.00379
55.86	43.13	0.00401	43.13	55.86	0.00550
41.72	57.28	0.00520	40.31	58.69	0.00495
38.89	60.10	0.00472	37.48	61.52	0.00450

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

\*\*\* Maximum train overlap at NE/SW 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
35.36	63.64	0.00418	31.82	67.18	0.00368
28.28	70.71	0.00323	21.21	77.78	0.00251
14.14	84.85	0.00197	7.07	91.92	0.00157
0.00	98.99	0.00127	-7.07	106.07	0.00105
-14.14	113.14	0.00088	-21.21	120.21	0.00075
113.14	-28.28	0.00110	106.07	-21.21	0.00124
98.99	-14.14	0.00141	91.92	-7.07	0.00161
84.85	0.00	0.00184	77.78	7.07	0.00210
70.71	14.14	0.00237	63.64	21.21	0.00262
60.10	24.75	0.00273	56.57	28.28	0.00284
54.45	30.41	0.00291	53.03	31.82	0.00297
51.62	33.23	0.00305	50.20	34.65	0.00315
48.79	36.06	0.00331	36.06	48.79	0.00434
34.65	50.20	0.00402	33.23	51.62	0.00374
31.82	53.03	0.00349	30.41	54.45	0.00326
28.28	56.57	0.00296	24.75	60.10	0.00255
21.21	63.64	0.00221	14.14	70.71	0.00172
7.07	77.78	0.00137	0.00	84.85	0.00111
-7.07	91.92	0.00092	-14.14	98.99	0.00078
-21.21	106.07	0.00066	-28.28	113.14	0.00057
106.07	-35.36	0.00101	98.99	-28.28	0.00113
91.92	-21.21	0.00128	84.85	-14.14	0.00144
77.78	-7.07	0.00162	70.71	0.00	0.00180
63.64	7.07	0.00198	56.57	14.14	0.00213
53.03	17.68	0.00218	49.50	21.21	0.00222
47.38	23.33	0.00224	45.96	24.75	0.00226
44.55	26.16	0.00229	43.13	27.58	0.00233
41.72	28.99	0.00241	28.99	41.72	0.00229

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00202	26.16	44.55	0.00184
24.75	45.96	0.00170	23.33	47.38	0.00159
21.21	49.50	0.00147	17.68	53.03	0.00131
14.14	56.57	0.00119	7.07	63.64	0.00100
0.00	70.71	0.00085	-7.07	77.78	0.00073
-14.14	84.85	0.00064	-21.21	91.92	0.00055
-28.28	98.99	0.00049	-35.36	106.07	0.00043
98.99	-42.43	0.00090	91.92	-35.36	0.00100
84.85	-28.28	0.00111	77.78	-21.21	0.00123
70.71	-14.14	0.00135	63.64	-7.07	0.00146
56.57	0.00	0.00154	49.50	7.07	0.00155
45.96	10.61	0.00151	42.43	14.14	0.00145

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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	0.00139	38.89	17.68	0.00134
37.48	19.09	0.00129	36.06	20.51	0.00123
34.65	21.92	0.00116	21.92	34.65	0.00086
20.51	36.06	0.00083	19.09	37.48	0.00079
17.68	38.89	0.00077	16.26	40.31	0.00075
14.14	42.43	0.00072	10.61	45.96	0.00068
7.07	49.50	0.00065	0.00	56.57	0.00060
-7.07	63.64	0.00055	-14.14	70.71	0.00050
-21.21	77.78	0.00045	-28.28	84.85	0.00040
-35.36	91.92	0.00036	-42.43	98.99	0.00033
91.92	-49.50	0.00079	84.85	-42.43	0.00086
77.78	-35.36	0.00093	70.71	-28.28	0.00100
63.64	-21.21	0.00107	56.57	-14.14	0.00112
49.50	-7.07	0.00112	42.43	0.00	0.00107
38.89	3.54	0.00102	35.36	7.07	0.00094
33.23	9.19	0.00088	31.82	10.61	0.00084
30.41	12.02	0.00079	28.99	13.44	0.00075
27.58	14.85	0.00071	14.85	27.58	0.00069
13.44	28.99	0.00067	12.02	30.41	0.00065
10.61	31.82	0.00063	9.19	33.23	0.00061
7.07	35.36	0.00059	3.54	38.89	0.00055
0.00	42.43	0.00051	-7.07	49.50	0.00046

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00041	-21.21	63.64	0.00038
-28.28	70.71	0.00034	-35.36	77.78	0.00031
-42.43	84.85	0.00028	-49.50	91.92	0.00026
84.85	-56.57	0.00067	77.78	-49.50	0.00072
70.71	-42.43	0.00077	63.64	-35.36	0.00081
56.57	-28.28	0.00085	49.50	-21.21	0.00086
42.43	-14.14	0.00085	35.36	-7.07	0.00078
31.82	-3.54	0.00072	28.28	0.00	0.00065
26.16	2.12	0.00061	24.75	3.54	0.00058
23.33	4.95	0.00056	21.92	6.36	0.00054
20.51	7.78	0.00053	7.78	20.51	0.00058
6.36	21.92	0.00056	4.95	23.33	0.00055
3.54	24.75	0.00053	2.12	26.16	0.00051
0.00	28.28	0.00049	-3.54	31.82	0.00046
-7.07	35.36	0.00044	-14.14	42.43	0.00039
-21.21	49.50	0.00035	-28.28	56.57	0.00032
-35.36	63.64	0.00029	-42.43	70.71	0.00026
-49.50	77.78	0.00024	-56.57	84.85	0.00022

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25  
 \*\*MODELOPTs:  
 PAGE 92

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00057	70.71	-56.57	0.00061
63.64	-49.50	0.00064	56.57	-42.43	0.00067
49.50	-35.36	0.00069	42.43	-28.28	0.00068
35.36	-21.21	0.00065	28.28	-14.14	0.00057
24.75	-10.61	0.00053	21.21	-7.07	0.00048
19.09	-4.95	0.00045	17.68	-3.54	0.00044
16.26	-2.12	0.00043	14.85	-0.71	0.00043
13.44	0.71	0.00043	0.71	13.44	0.00049
-0.71	14.85	0.00048	-2.12	16.26	0.00047
-3.54	17.68	0.00045	-4.95	19.09	0.00044
-7.07	21.21	0.00042	-10.61	24.75	0.00039
-14.14	28.28	0.00037	-21.21	35.36	0.00034
-28.28	42.43	0.00031	-35.36	49.50	0.00028
-42.43	56.57	0.00025	-49.50	63.64	0.00023
-56.57	70.71	0.00021	-63.64	77.78	0.00019
70.71	-70.71	0.00049	63.64	-63.64	0.00052



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00054	49.50	-49.50	0.00056
42.43	-42.43	0.00056	35.36	-35.36	0.00054
28.28	-28.28	0.00050	21.21	-21.21	0.00043
17.68	-17.68	0.00040	14.14	-14.14	0.00037
12.02	-12.02	0.00036	10.61	-10.61	0.00035
9.19	-9.19	0.00035	7.78	-7.78	0.00035
6.36	-6.36	0.00035	-6.36	6.36	0.00041
-7.78	7.78	0.00041	-9.19	9.19	0.00040
-10.61	10.61	0.00039	-12.02	12.02	0.00038
-14.14	14.14	0.00037	-17.68	17.68	0.00034
-21.21	21.21	0.00032	-28.28	28.28	0.00029
-35.36	35.36	0.00026	-42.43	42.43	0.00024
-49.50	49.50	0.00023	-56.57	56.57	0.00021
-63.64	63.64	0.00019	-70.71	70.71	0.00017
63.64	-77.78	0.00043	56.57	-70.71	0.00045
49.50	-63.64	0.00046	42.43	-56.57	0.00046
35.36	-49.50	0.00045	28.28	-42.43	0.00042
21.21	-35.36	0.00038	14.14	-28.28	0.00033
10.61	-24.75	0.00031	7.07	-21.21	0.00030
4.95	-19.09	0.00029	3.54	-17.68	0.00029
2.12	-16.26	0.00029	0.71	-14.85	0.00030
-0.71	-13.44	0.00030	-13.44	-0.71	0.00035
-14.85	0.71	0.00035	-16.26	2.12	0.00034
-17.68	3.54	0.00034	-19.09	4.95	0.00033

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00032	-24.75	10.61	0.00030
-28.28	14.14	0.00028	-35.36	21.21	0.00025
-42.43	28.28	0.00023	-49.50	35.36	0.00021
-56.57	42.43	0.00020	-63.64	49.50	0.00019
-70.71	56.57	0.00017	-77.78	63.64	0.00016
56.57	-84.85	0.00038	49.50	-77.78	0.00038
42.43	-70.71	0.00039	35.36	-63.64	0.00038
28.28	-56.57	0.00037	21.21	-49.50	0.00034
14.14	-42.43	0.00030	7.07	-35.36	0.00027
3.54	-31.82	0.00026	0.00	-28.28	0.00025

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00025	-3.54	-24.75	0.00025
-4.95	-23.33	0.00025	-6.36	-21.92	0.00025
-7.78	-20.51	0.00026	-20.51	-7.78	0.00030
-21.92	-6.36	0.00030	-23.33	-4.95	0.00030
-24.75	-3.54	0.00029	-26.16	-2.12	0.00029
-28.28	0.00	0.00028	-31.82	3.54	0.00026
-35.36	7.07	0.00025	-42.43	14.14	0.00022
-49.50	21.21	0.00020	-56.57	28.28	0.00019
-63.64	35.36	0.00018	-70.71	42.43	0.00017
-77.78	49.50	0.00015	-84.85	56.57	0.00014
49.50	-91.92	0.00033	42.43	-84.85	0.00033
35.36	-77.78	0.00033	28.28	-70.71	0.00032
21.21	-63.64	0.00030	14.14	-56.57	0.00027
7.07	-49.50	0.00024	0.00	-42.43	0.00022
-3.54	-38.89	0.00021	-7.07	-35.36	0.00021
-9.19	-33.23	0.00021	-10.61	-31.82	0.00021
-12.02	-30.41	0.00022	-13.44	-28.99	0.00022
-14.85	-27.58	0.00022	-27.58	-14.85	0.00026
-28.99	-13.44	0.00026	-30.41	-12.02	0.00026
-31.82	-10.61	0.00025	-33.23	-9.19	0.00025
-35.36	-7.07	0.00025	-38.89	-3.54	0.00023
-42.43	0.00	0.00022	-49.50	7.07	0.00020
-56.57	14.14	0.00018	-63.64	21.21	0.00017
-70.71	28.28	0.00016	-77.78	35.36	0.00015
-84.85	42.43	0.00014	-91.92	49.50	0.00013
42.43	-98.99	0.00028	35.36	-91.92	0.00028
28.28	-84.85	0.00028	21.21	-77.78	0.00026
14.14	-70.71	0.00025	7.07	-63.64	0.00022
0.00	-56.57	0.00020	-7.07	-49.50	0.00019
-10.61	-45.96	0.00018	-14.14	-42.43	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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	0.00018	-17.68	-38.89	0.00019
-19.09	-37.48	0.00019	-20.51	-36.06	0.00019
-21.92	-34.65	0.00020	-34.65	-21.92	0.00022
-36.06	-20.51	0.00022	-37.48	-19.09	0.00022

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00022	-40.31	-16.26	0.00022
-42.43	-14.14	0.00022	-45.96	-10.61	0.00021
-49.50	-7.07	0.00020	-56.57	0.00	0.00018
-63.64	7.07	0.00016	-70.71	14.14	0.00015
-77.78	21.21	0.00014	-84.85	28.28	0.00013
-91.92	35.36	0.00013	-98.99	42.43	0.00012
35.36	-106.07	0.00025	28.28	-98.99	0.00024
21.21	-91.92	0.00023	14.14	-84.85	0.00022
7.07	-77.78	0.00021	0.00	-70.71	0.00019
-7.07	-63.64	0.00017	-14.14	-56.57	0.00016
-17.68	-53.03	0.00016	-21.21	-49.50	0.00016
-23.33	-47.38	0.00016	-24.75	-45.96	0.00016
-26.16	-44.55	0.00017	-27.58	-43.13	0.00017
-28.99	-41.72	0.00017	-41.72	-28.99	0.00020
-43.13	-27.58	0.00020	-44.55	-26.16	0.00020
-45.96	-24.75	0.00020	-47.38	-23.33	0.00019
-49.50	-21.21	0.00019	-53.03	-17.68	0.00019
-56.57	-14.14	0.00018	-63.64	-7.07	0.00016
-70.71	0.00	0.00015	-77.78	7.07	0.00013
-84.85	14.14	0.00013	-91.92	21.21	0.00012
-98.99	28.28	0.00011	-106.07	35.36	0.00011
28.28	-113.14	0.00021	21.21	-106.07	0.00021
14.14	-98.99	0.00020	7.07	-91.92	0.00019
0.00	-84.85	0.00017	-7.07	-77.78	0.00016
-14.14	-70.71	0.00015	-21.21	-63.64	0.00014
-24.75	-60.10	0.00014	-28.28	-56.57	0.00014
-30.41	-54.45	0.00014	-31.82	-53.03	0.00015
-33.23	-51.62	0.00015	-34.65	-50.20	0.00015
-36.06	-48.79	0.00015	-48.79	-36.06	0.00017
-50.20	-34.65	0.00017	-51.62	-33.23	0.00017
-53.03	-31.82	0.00017	-54.45	-30.41	0.00017
-56.57	-28.28	0.00017	-60.10	-24.75	0.00017
-63.64	-21.21	0.00016	-70.71	-14.14	0.00015
-77.78	-7.07	0.00013	-84.85	0.00	0.00012
-91.92	7.07	0.00011	-98.99	14.14	0.00011
-106.07	21.21	0.00010	-113.14	28.28	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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 \*\*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00019	14.14	-113.14	0.00018
7.07	-106.07	0.00017	0.00	-98.99	0.00016
-7.07	-91.92	0.00015	-14.14	-84.85	0.00014
-21.21	-77.78	0.00013	-28.28	-70.71	0.00012
-31.82	-67.18	0.00012	-35.36	-63.64	0.00013
-37.48	-61.52	0.00013	-38.89	-60.10	0.00013
-40.31	-58.69	0.00013	-41.72	-57.28	0.00013
-43.13	-55.86	0.00014	-55.86	-43.13	0.00015
-57.28	-41.72	0.00015	-58.69	-40.31	0.00015
-60.10	-38.89	0.00015	-61.52	-37.48	0.00015
-63.64	-35.36	0.00015	-67.18	-31.82	0.00015
-70.71	-28.28	0.00014	-77.78	-21.21	0.00013
-84.85	-14.14	0.00012	-91.92	-7.07	0.00011
-98.99	0.00	0.00010	-106.07	7.07	0.00010
-113.14	14.14	0.00009	-120.21	21.21	0.00009
14.14	-127.28	0.00016	7.07	-120.21	0.00016
0.00	-113.14	0.00015	-7.07	-106.07	0.00014
-14.14	-98.99	0.00013	-21.21	-91.92	0.00012
-28.28	-84.85	0.00011	-35.36	-77.78	0.00011
-38.89	-74.25	0.00011	-42.43	-70.71	0.00011
-44.55	-68.59	0.00012	-45.96	-67.18	0.00012
-47.38	-65.76	0.00012	-48.79	-64.35	0.00012
-50.20	-62.93	0.00012	-62.93	-50.20	0.00014
-64.35	-48.79	0.00014	-65.76	-47.38	0.00014
-67.18	-45.96	0.00014	-68.59	-44.55	0.00014
-70.71	-42.43	0.00014	-74.25	-38.89	0.00013
-77.78	-35.36	0.00013	-84.85	-28.28	0.00012
-91.92	-21.21	0.00011	-98.99	-14.14	0.00010
-106.07	-7.07	0.00010	-113.14	0.00	0.00009
-120.21	7.07	0.00009	-127.28	14.14	0.00008
7.07	-134.35	0.00014	0.00	-127.28	0.00014
-7.07	-120.21	0.00013	-14.14	-113.14	0.00012
-21.21	-106.07	0.00011	-28.28	-98.99	0.00010
-35.36	-91.92	0.00010	-42.43	-84.85	0.00010
-45.96	-81.32	0.00010	-49.50	-77.78	0.00010
-51.62	-75.66	0.00011	-53.03	-74.25	0.00011
-54.45	-72.83	0.00011	-55.86	-71.42	0.00011
-57.28	-70.00	0.00011	-70.00	-57.28	0.00012
-71.42	-55.86	0.00012	-72.83	-54.45	0.00012
-74.25	-53.03	0.00012	-75.66	-51.62	0.00012

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW 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
-77.78	-49.50	0.00012	-81.32	-45.96	0.00012
-84.85	-42.43	0.00012	-91.92	-35.36	0.00011
-98.99	-28.28	0.00010	-106.07	-21.21	0.00010
-113.14	-14.14	0.00009	-120.21	-7.07	0.00008
-127.28	0.00	0.00008	-134.35	7.07	0.00008
0.00	-141.42	0.00013	-7.07	-134.35	0.00012
-14.14	-127.28	0.00011	-21.21	-120.21	0.00010
-28.28	-113.14	0.00010	-35.36	-106.07	0.00009
-42.43	-98.99	0.00009	-49.50	-91.92	0.00009
-53.03	-88.39	0.00009	-56.57	-84.85	0.00009
-58.69	-82.73	0.00010	-60.10	-81.32	0.00010
-61.52	-79.90	0.00010	-62.93	-78.49	0.00010
-64.35	-77.07	0.00010	-77.07	-64.35	0.00011
-78.49	-62.93	0.00011	-79.90	-61.52	0.00011
-81.32	-60.10	0.00011	-82.73	-58.69	0.00011
-84.85	-56.57	0.00011	-88.39	-53.03	0.00011
-91.92	-49.50	0.00011	-98.99	-42.43	0.00010
-106.07	-35.36	0.00010	-113.14	-28.28	0.00009
-120.21	-21.21	0.00008	-127.28	-14.14	0.00008
-134.35	-7.07	0.00007	-141.42	0.00	0.00007
-7.07	-148.49	0.00011	-14.14	-141.42	0.00011
-21.21	-134.35	0.00010	-28.28	-127.28	0.00009
-35.36	-120.21	0.00009	-42.43	-113.14	0.00008
-49.50	-106.07	0.00008	-56.57	-98.99	0.00008
-60.10	-95.46	0.00008	-63.64	-91.92	0.00009
-65.76	-89.80	0.00009	-67.18	-88.39	0.00009
-68.59	-86.97	0.00009	-70.00	-85.56	0.00009
-71.42	-84.15	0.00009	-84.15	-71.42	0.00010
-85.56	-70.00	0.00010	-86.97	-68.59	0.00010
-88.39	-67.18	0.00010	-89.80	-65.76	0.00010
-91.92	-63.64	0.00010	-95.46	-60.10	0.00010
-98.99	-56.57	0.00010	-106.07	-49.50	0.00010
-113.14	-42.43	0.00009	-120.21	-35.36	0.00008
-127.28	-28.28	0.00008	-134.35	-21.21	0.00007
-141.42	-14.14	0.00007	-148.49	-7.07	0.00007
-14.14	-155.56	0.00010	-21.21	-148.49	0.00009

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00009	-35.36	-134.35	0.00008
-42.43	-127.28	0.00008	-49.50	-120.21	0.00008
-56.57	-113.14	0.00007	-63.64	-106.07	0.00008
-67.18	-102.53	0.00008	-70.71	-98.99	0.00008

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

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 \*\*MODELOPTs:  
 PAGE 97  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00008	-74.25	-95.46	0.00008
-75.66	-94.05	0.00008	-77.07	-92.63	0.00008
-78.49	-91.22	0.00008	-91.22	-78.49	0.00009
-92.63	-77.07	0.00009	-94.05	-75.66	0.00009
-95.46	-74.25	0.00009	-96.87	-72.83	0.00009
-98.99	-70.71	0.00009	-102.53	-67.18	0.00009
-106.07	-63.64	0.00009	-113.14	-56.57	0.00009
-120.21	-49.50	0.00008	-127.28	-42.43	0.00008
-134.35	-35.36	0.00007	-141.42	-28.28	0.00007
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00009	-28.28	-155.56	0.00008
-35.36	-148.49	0.00008	-42.43	-141.42	0.00007
-49.50	-134.35	0.00007	-56.57	-127.28	0.00007
-63.64	-120.21	0.00007	-70.71	-113.14	0.00007
-74.25	-109.60	0.00007	-77.78	-106.07	0.00007
-79.90	-103.94	0.00007	-81.32	-102.53	0.00008
-82.73	-101.12	0.00008	-84.15	-99.70	0.00008
-85.56	-98.29	0.00008	-98.29	-85.56	0.00009
-99.70	-84.15	0.00009	-101.12	-82.73	0.00009
-102.53	-81.32	0.00009	-103.94	-79.90	0.00009
-106.07	-77.78	0.00009	-109.60	-74.25	0.00009
-113.14	-70.71	0.00008	-120.21	-63.64	0.00008
-127.28	-56.57	0.00008	-134.35	-49.50	0.00007
-141.42	-42.43	0.00007	-148.49	-35.36	0.00006
-155.56	-28.28	0.00006	-162.63	-21.21	0.00006
-28.28	-169.71	0.00008	-35.36	-162.63	0.00007
-42.43	-155.56	0.00007	-49.50	-148.49	0.00007
-56.57	-141.42	0.00006	-63.64	-134.35	0.00006
-70.71	-127.28	0.00006	-77.78	-120.21	0.00006
-81.32	-116.67	0.00007	-84.85	-113.14	0.00007

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00007	-88.39	-109.60	0.00007
-89.80	-108.19	0.00007	-91.22	-106.77	0.00007
-92.63	-105.36	0.00007	-105.36	-92.63	0.00008
-106.77	-91.22	0.00008	-108.19	-89.80	0.00008
-109.60	-88.39	0.00008	-111.02	-86.97	0.00008
-113.14	-84.85	0.00008	-116.67	-81.32	0.00008
-120.21	-77.78	0.00008	-127.28	-70.71	0.00008
-134.35	-63.64	0.00007	-141.42	-56.57	0.00007
-148.49	-49.50	0.00006	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	0.00005

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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
-35.36	-176.78	0.00007	-42.43	-169.71	0.00007
-49.50	-162.63	0.00006	-56.57	-155.56	0.00006
-63.64	-148.49	0.00006	-70.71	-141.42	0.00006
-77.78	-134.35	0.00006	-84.85	-127.28	0.00006
-88.39	-123.74	0.00006	-91.92	-120.21	0.00006
-94.05	-118.09	0.00006	-95.46	-116.67	0.00006
-96.87	-115.26	0.00007	-98.29	-113.84	0.00007
-99.70	-112.43	0.00007	-112.43	-99.70	0.00007
-113.84	-98.29	0.00007	-115.26	-96.87	0.00007
-116.67	-95.46	0.00007	-118.09	-94.05	0.00007
-120.21	-91.92	0.00007	-123.74	-88.39	0.00007
-127.28	-84.85	0.00007	-134.35	-77.78	0.00007
-141.42	-70.71	0.00007	-148.49	-63.64	0.00006
-155.56	-56.57	0.00006	-162.63	-49.50	0.00006
-169.71	-42.43	0.00005	-176.78	-35.36	0.00005
-42.43	-183.85	0.00006	-49.50	-176.78	0.00006
-56.57	-169.71	0.00006	-63.64	-162.63	0.00006
-70.71	-155.56	0.00005	-77.78	-148.49	0.00005
-84.85	-141.42	0.00005	-91.92	-134.35	0.00006
-95.46	-130.81	0.00006	-98.99	-127.28	0.00006
-101.12	-125.16	0.00006	-102.53	-123.74	0.00006
-103.94	-122.33	0.00006	-105.36	-120.92	0.00006
-106.77	-119.50	0.00006	-119.50	-106.77	0.00007
-120.92	-105.36	0.00007	-122.33	-103.94	0.00007

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00007	-125.16	-101.12	0.00007
-127.28	-98.99	0.00007	-130.81	-95.46	0.00007
-134.35	-91.92	0.00007	-141.42	-84.85	0.00007
-148.49	-77.78	0.00006	-155.56	-70.71	0.00006
-162.63	-63.64	0.00006	-169.71	-56.57	0.00005
-176.78	-49.50	0.00005	-183.85	-42.43	0.00005
-49.50	-190.92	0.00006	-56.57	-183.85	0.00006
-63.64	-176.78	0.00005	-70.71	-169.71	0.00005
-77.78	-162.63	0.00005	-84.85	-155.56	0.00005
-91.92	-148.49	0.00005	-98.99	-141.42	0.00005
-102.53	-137.89	0.00005	-106.07	-134.35	0.00005
-108.19	-132.23	0.00006	-109.60	-130.81	0.00006
-111.02	-129.40	0.00006	-112.43	-127.99	0.00006
-113.84	-126.57	0.00006	-126.57	-113.84	0.00006
-127.99	-112.43	0.00006	-129.40	-111.02	0.00006
-130.81	-109.60	0.00006	-132.23	-108.19	0.00006

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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
-134.35	-106.07	0.00006	-137.89	-102.53	0.00006
-141.42	-98.99	0.00006	-148.49	-91.92	0.00006
-155.56	-84.85	0.00006	-162.63	-77.78	0.00006
-169.71	-70.71	0.00005	-176.78	-63.64	0.00005
-183.85	-56.57	0.00005	-190.92	-49.50	0.00005
-56.57	-197.99	0.00005	-63.64	-190.92	0.00005
-70.71	-183.85	0.00005	-77.78	-176.78	0.00005
-84.85	-169.71	0.00005	-91.92	-162.63	0.00005
-98.99	-155.56	0.00005	-106.07	-148.49	0.00005
-109.60	-144.96	0.00005	-113.14	-141.42	0.00005
-115.26	-139.30	0.00005	-116.67	-137.89	0.00005
-118.09	-136.47	0.00005	-119.50	-135.06	0.00005
-120.92	-133.64	0.00005	-133.64	-120.92	0.00006
-135.06	-119.50	0.00006	-136.47	-118.09	0.00006
-137.89	-116.67	0.00006	-139.30	-115.26	0.00006
-141.42	-113.14	0.00006	-144.96	-109.60	0.00006
-148.49	-106.07	0.00006	-155.56	-98.99	0.00006
-162.63	-91.92	0.00006	-169.71	-84.85	0.00005



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00005	-183.85	-70.71	0.00005
-190.92	-63.64	0.00005	-197.99	-56.57	0.00004
-63.64	-205.06	0.00005	-70.71	-197.99	0.00005
-77.78	-190.92	0.00005	-84.85	-183.85	0.00004
-91.92	-176.78	0.00004	-98.99	-169.71	0.00004
-106.07	-162.63	0.00004	-113.14	-155.56	0.00005
-116.67	-152.03	0.00005	-120.21	-148.49	0.00005
-122.33	-146.37	0.00005	-123.74	-144.96	0.00005
-125.16	-143.54	0.00005	-126.57	-142.13	0.00005
-127.99	-140.71	0.00005	-140.71	-127.99	0.00005
-142.13	-126.57	0.00005	-143.54	-125.16	0.00005
-144.96	-123.74	0.00006	-146.37	-122.33	0.00006
-148.49	-120.21	0.00006	-152.03	-116.67	0.00006
-155.56	-113.14	0.00006	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00005	-190.92	-77.78	0.00005
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00005	-77.78	-205.06	0.00004
-84.85	-197.99	0.00004	-91.92	-190.92	0.00004
-98.99	-183.85	0.00004	-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	0.00005

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

20:24:25  
 \*\*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	0.00005	-130.81	-152.03	0.00005
-132.23	-150.61	0.00005	-133.64	-149.20	0.00005
-135.06	-147.79	0.00005	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00005	-183.85	-98.99	0.00005
-190.92	-91.92	0.00005	-197.99	-84.85	0.00004
-205.06	-77.78	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-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	0.00004	-141.42	-183.85	0.00004
-144.96	-180.31	0.00004	-148.49	-176.78	0.00004
-150.61	-174.66	0.00004	-152.03	-173.24	0.00004

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-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
-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	0.00004
-226.27	-98.99	0.00004	-233.35	-91.92	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
-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	0.00004	-155.56	-183.85	0.00004
-157.68	-181.73	0.00004	-159.10	-180.31	0.00004
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-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	0.00004
-219.20	-120.21	0.00004	-226.27	-113.14	0.00004
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00003	-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	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00004
-184.55	-169.00	0.00004	-185.97	-167.58	0.00004
-187.38	-166.17	0.00004	-188.80	-164.76	0.00004

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
 PAGE 102  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00004	-194.45	-159.10	0.00004
-197.99	-155.56	0.00004	-205.06	-148.49	0.00004
-212.13	-141.42	0.00004	-219.20	-134.35	0.00004
-226.27	-127.28	0.00004	-233.35	-120.21	0.00003
-240.42	-113.14	0.00003	-247.49	-106.07	0.00003

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

\*\*\* Maximum train overlap at NE/SW 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
247.49	106.07	0.00083	240.42	113.14	0.00093
233.35	120.21	0.00103	226.27	127.28	0.00115
219.20	134.35	0.00129	212.13	141.42	0.00145
205.06	148.49	0.00165	197.99	155.56	0.00189
194.45	159.10	0.00204	190.92	162.63	0.00222
188.80	164.76	0.00235	187.38	166.17	0.00244
185.97	167.58	0.00253	184.55	169.00	0.00263
183.14	170.41	0.00273	170.41	183.14	0.00307
169.00	184.55	0.00308	167.58	185.97	0.00309
166.17	187.38	0.00312	164.76	188.80	0.00314
162.63	190.92	0.00318	159.10	194.45	0.00322
155.56	197.99	0.00323	148.49	205.06	0.00310
141.42	212.13	0.00288	134.35	219.20	0.00262
127.28	226.27	0.00235	120.21	233.35	0.00209
113.14	240.42	0.00186	106.07	247.49	0.00164
240.42	98.99	0.00091	233.35	106.07	0.00102
226.27	113.14	0.00115	219.20	120.21	0.00130
212.13	127.28	0.00148	205.06	134.35	0.00168
197.99	141.42	0.00192	190.92	148.49	0.00222
187.38	152.03	0.00240	183.85	155.56	0.00263
181.73	157.68	0.00279	180.31	159.10	0.00291
178.90	160.51	0.00305	177.48	161.93	0.00320
176.07	163.34	0.00335	163.34	176.07	0.00415
161.93	177.48	0.00419	160.51	178.90	0.00424
159.10	180.31	0.00428	157.68	181.73	0.00431
155.56	183.85	0.00432	152.03	187.38	0.00428
148.49	190.92	0.00416	141.42	197.99	0.00380
134.35	205.06	0.00339	127.28	212.13	0.00298
120.21	219.20	0.00260	113.14	226.27	0.00226

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00197	98.99	240.42	0.00172
233.35	91.92	0.00100	226.27	98.99	0.00113
219.20	106.07	0.00128	212.13	113.14	0.00146
205.06	120.21	0.00168	197.99	127.28	0.00194
190.92	134.35	0.00225	183.85	141.42	0.00263
180.31	144.96	0.00286	176.78	148.49	0.00315
174.66	150.61	0.00336	173.24	152.03	0.00351
171.83	153.44	0.00370	170.41	154.86	0.00391
169.00	156.27	0.00417	156.27	169.00	0.00611
154.86	170.41	0.00608	153.44	171.83	0.00603
152.03	173.24	0.00596	150.61	174.66	0.00587

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

20:24:25  
 \*\*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
148.49	176.78	0.00571	144.96	180.31	0.00541
141.42	183.85	0.00507	134.35	190.92	0.00440
127.28	197.99	0.00378	120.21	205.06	0.00323
113.14	212.13	0.00276	106.07	219.20	0.00236
99.00	226.27	0.00203	91.92	233.35	0.00175
226.27	84.85	0.00108	219.20	91.92	0.00123
212.13	98.99	0.00142	205.06	106.07	0.00164
197.99	113.14	0.00190	190.92	120.21	0.00222
183.85	127.28	0.00261	176.78	134.35	0.00310
173.24	137.89	0.00341	169.71	141.42	0.00379
167.58	143.54	0.00408	166.17	144.96	0.00430
164.76	146.37	0.00455	163.34	147.79	0.00488
161.93	149.20	0.00528	149.20	161.93	0.00740
147.79	163.34	0.00714	146.37	164.76	0.00693
144.96	166.17	0.00675	143.54	167.58	0.00657
141.42	169.71	0.00632	137.89	173.24	0.00589
134.35	176.78	0.00546	127.28	183.85	0.00465
120.21	190.92	0.00393	113.14	197.99	0.00331
106.07	205.06	0.00279	99.00	212.13	0.00236
91.92	219.20	0.00201	84.85	226.27	0.00172
219.20	77.78	0.00116	212.13	84.85	0.00133
205.06	91.92	0.00154	197.99	98.99	0.00180
190.92	106.07	0.00210	183.85	113.14	0.00247

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00291	169.71	127.28	0.00344
166.17	130.81	0.00375	162.63	134.35	0.00414
160.51	136.47	0.00442	159.10	137.89	0.00463
157.68	139.30	0.00488	156.27	140.71	0.00517
154.86	142.13	0.00554	142.13	154.86	0.00738
140.71	156.27	0.00712	139.30	157.68	0.00690
137.89	159.10	0.00671	136.47	160.51	0.00654
134.35	162.63	0.00627	130.81	166.17	0.00583
127.28	169.71	0.00540	120.21	176.78	0.00459
113.14	183.85	0.00386	106.07	190.92	0.00322
99.00	197.99	0.00270	91.92	205.06	0.00227
84.85	212.13	0.00192	77.78	219.20	0.00163
212.13	70.71	0.00123	205.06	77.78	0.00141
197.99	84.85	0.00164	190.92	91.92	0.00190
183.85	98.99	0.00223	176.78	106.07	0.00260
169.71	113.14	0.00304	162.63	120.21	0.00357
159.10	123.74	0.00387	155.56	127.28	0.00423

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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	0.00448	152.03	130.81	0.00467
150.61	132.23	0.00489	149.20	133.64	0.00515
147.79	135.06	0.00549	135.06	147.79	0.00725
133.64	149.20	0.00698	132.23	150.61	0.00677
130.81	152.03	0.00658	129.40	153.44	0.00640
127.28	155.56	0.00613	123.74	159.10	0.00568
120.21	162.63	0.00524	113.14	169.71	0.00440
106.07	176.78	0.00366	98.99	183.85	0.00303
91.92	190.92	0.00252	84.85	197.99	0.00210
77.78	205.06	0.00177	70.71	212.13	0.00150
205.06	63.64	0.00126	197.99	70.71	0.00145
190.92	77.78	0.00167	183.85	84.85	0.00194
176.78	91.92	0.00226	169.71	98.99	0.00264
162.63	106.07	0.00308	155.56	113.14	0.00357
152.03	116.67	0.00385	148.49	120.21	0.00416
146.37	122.33	0.00438	144.96	123.74	0.00455
143.54	125.16	0.00474	142.13	126.57	0.00498



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00403	91.92	148.49	0.00319
84.85	155.56	0.00253	77.78	162.63	0.00202
70.71	169.71	0.00164	63.64	176.78	0.00134
56.57	183.85	0.00112	49.50	190.92	0.00094
183.85	42.43	0.00117	176.78	49.50	0.00133
169.71	56.57	0.00153	162.63	63.64	0.00176
155.56	70.71	0.00203	148.49	77.78	0.00234
141.42	84.85	0.00267	134.35	91.92	0.00300
130.81	95.46	0.00315	127.28	98.99	0.00331
125.16	101.12	0.00343	123.74	102.53	0.00352
122.33	103.94	0.00363	120.92	105.36	0.00379
119.50	106.77	0.00401	106.77	119.50	0.00550
105.36	120.92	0.00520	103.94	122.33	0.00495
102.53	123.74	0.00472	101.12	125.16	0.00450
98.99	127.28	0.00418	95.46	130.81	0.00368
91.92	134.35	0.00323	84.85	141.42	0.00251
77.78	148.49	0.00197	70.71	155.56	0.00157
63.64	162.63	0.00127	56.57	169.71	0.00105
49.50	176.78	0.00088	42.43	183.85	0.00075
176.78	35.36	0.00110	169.71	42.43	0.00124
162.63	49.50	0.00141	155.56	56.57	0.00161
148.49	63.64	0.00184	141.42	70.71	0.00210
134.35	77.78	0.00237	127.28	84.85	0.00262
123.74	88.39	0.00273	120.21	91.92	0.00284
118.09	94.05	0.00291	116.67	95.46	0.00297
115.26	96.87	0.00305	113.84	98.29	0.00315
112.43	99.70	0.00331	99.70	112.43	0.00434
98.29	113.84	0.00402	96.87	115.26	0.00374
95.46	116.67	0.00349	94.05	118.09	0.00326

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

20:24:25  
 \*\*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
91.92	120.21	0.00296	88.39	123.74	0.00255
84.85	127.28	0.00221	77.78	134.35	0.00172
70.71	141.42	0.00137	63.64	148.49	0.00111
56.57	155.56	0.00092	49.50	162.63	0.00078
42.43	169.71	0.00066	35.36	176.78	0.00057



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00101	162.63	35.36	0.00113
155.56	42.43	0.00128	148.49	49.50	0.00144
141.42	56.57	0.00162	134.35	63.64	0.00180
127.28	70.71	0.00198	120.21	77.78	0.00213
116.67	81.32	0.00218	113.14	84.85	0.00222
111.02	86.97	0.00224	109.60	88.39	0.00226
108.19	89.80	0.00229	106.77	91.22	0.00233
105.36	92.63	0.00241	92.63	105.36	0.00229
91.22	106.77	0.00202	89.80	108.19	0.00184
88.39	109.60	0.00170	86.97	111.02	0.00159
84.85	113.14	0.00147	81.32	116.67	0.00131
77.78	120.21	0.00119	70.71	127.28	0.00100
63.64	134.35	0.00085	56.57	141.42	0.00073
49.50	148.49	0.00064	42.43	155.56	0.00055
35.36	162.63	0.00049	28.28	169.71	0.00043
162.63	21.21	0.00090	155.56	28.28	0.00100
148.49	35.36	0.00111	141.42	42.43	0.00123
134.35	49.50	0.00135	127.28	56.57	0.00146
120.21	63.64	0.00154	113.14	70.71	0.00155
109.60	74.25	0.00151	106.07	77.78	0.00145
103.94	79.90	0.00139	102.53	81.32	0.00134
101.12	82.73	0.00129	99.70	84.15	0.00123
98.29	85.56	0.00116	85.56	98.29	0.00086
84.15	99.70	0.00083	82.73	101.12	0.00079
81.32	102.53	0.00077	79.90	103.94	0.00075
77.78	106.07	0.00072	74.25	109.60	0.00068
70.71	113.14	0.00065	63.64	120.21	0.00060
56.57	127.28	0.00055	49.50	134.35	0.00050
42.43	141.42	0.00045	35.36	148.49	0.00040
28.28	155.56	0.00036	21.21	162.63	0.00033
155.56	14.14	0.00079	148.49	21.21	0.00086
141.42	28.28	0.00093	134.35	35.36	0.00100
127.28	42.43	0.00107	120.21	49.50	0.00112
113.14	56.57	0.00112	106.07	63.64	0.00107
102.53	67.18	0.00102	98.99	70.71	0.00094

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*  
 20:24:25  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00088	95.46	74.25	0.00084
94.05	75.66	0.00079	92.63	77.07	0.00075
91.22	78.49	0.00071	78.49	91.22	0.00069
77.07	92.63	0.00067	75.66	94.05	0.00065
74.25	95.46	0.00063	72.83	96.87	0.00061
70.71	98.99	0.00058	67.18	102.53	0.00055
63.64	106.07	0.00051	56.57	113.14	0.00046
49.50	120.21	0.00041	42.43	127.28	0.00038
35.36	134.35	0.00034	28.28	141.42	0.00031
21.21	148.49	0.00028	14.14	155.56	0.00026
148.49	7.07	0.00067	141.42	14.14	0.00072
134.35	21.21	0.00077	127.28	28.28	0.00081
120.21	35.36	0.00085	113.14	42.43	0.00086
106.07	49.50	0.00085	98.99	56.57	0.00078
95.46	60.10	0.00072	91.92	63.64	0.00065
89.80	65.76	0.00061	88.39	67.18	0.00058
86.97	68.59	0.00056	85.56	70.00	0.00054
84.15	71.42	0.00053	71.42	84.15	0.00058
70.00	85.56	0.00056	68.59	86.97	0.00055
67.18	88.39	0.00053	65.76	89.80	0.00051
63.64	91.92	0.00049	60.10	95.46	0.00046
56.57	98.99	0.00044	49.50	106.07	0.00039
42.43	113.14	0.00035	35.36	120.21	0.00032
28.28	127.28	0.00029	21.21	134.35	0.00026
14.14	141.42	0.00024	7.07	148.49	0.00022
141.42	0.00	0.00057	134.35	7.07	0.00061
127.28	14.14	0.00064	120.21	21.21	0.00067
113.14	28.28	0.00069	106.07	35.36	0.00068
98.99	42.43	0.00065	91.92	49.50	0.00057
88.39	53.03	0.00053	84.85	56.57	0.00048
82.73	58.69	0.00045	81.32	60.10	0.00044
79.90	61.52	0.00043	78.49	62.93	0.00043
77.07	64.35	0.00043	64.35	77.07	0.00049
62.93	78.49	0.00048	61.52	79.90	0.00047
60.10	81.32	0.00045	58.69	82.73	0.00044
56.57	84.85	0.00042	53.03	88.39	0.00039
49.50	91.92	0.00037	42.43	98.99	0.00034
35.36	106.07	0.00031	28.28	113.14	0.00028
21.21	120.21	0.00025	14.14	127.28	0.00023
7.07	134.35	0.00021	0.00	141.42	0.00019

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*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
134.35	-7.07	0.00049	127.28	0.00	0.00052
120.21	7.07	0.00054	113.14	14.14	0.00056
106.07	21.21	0.00056	98.99	28.28	0.00054
91.92	35.36	0.00050	84.85	42.43	0.00043
81.32	45.96	0.00040	77.78	49.50	0.00037
75.66	51.62	0.00036	74.25	53.03	0.00035
72.83	54.45	0.00035	71.42	55.86	0.00035
70.00	57.28	0.00035	57.28	70.00	0.00041
55.86	71.42	0.00041	54.45	72.83	0.00040
53.03	74.25	0.00039	51.62	75.66	0.00038
49.50	77.78	0.00037	45.96	81.32	0.00034
42.43	84.85	0.00032	35.36	91.92	0.00029
28.28	98.99	0.00026	21.21	106.07	0.00024
14.14	113.14	0.00023	7.07	120.21	0.00021
0.00	127.28	0.00019	-7.07	134.35	0.00017
127.28	-14.14	0.00043	120.21	-7.07	0.00045
113.14	0.00	0.00046	106.07	7.07	0.00046
98.99	14.14	0.00045	91.92	21.21	0.00042
84.85	28.28	0.00038	77.78	35.36	0.00033
74.25	38.89	0.00031	70.71	42.43	0.00030
68.59	44.55	0.00029	67.18	45.96	0.00029
65.76	47.38	0.00029	64.35	48.79	0.00030
62.93	50.20	0.00030	50.20	62.93	0.00035
48.79	64.35	0.00035	47.38	65.76	0.00034
45.96	67.18	0.00034	44.55	68.59	0.00033
42.43	70.71	0.00032	38.89	74.25	0.00030
35.36	77.78	0.00028	28.28	84.85	0.00025
21.21	91.92	0.00023	14.14	98.99	0.00021
7.07	106.07	0.00020	0.00	113.14	0.00019
-7.07	120.21	0.00017	-14.14	127.28	0.00016
120.21	-21.21	0.00038	113.14	-14.14	0.00038
106.07	-7.07	0.00039	98.99	0.00	0.00038
91.92	7.07	0.00037	84.85	14.14	0.00034
77.78	21.21	0.00030	70.71	28.28	0.00027
67.18	31.82	0.00026	63.64	35.36	0.00025
61.52	37.48	0.00025	60.10	38.89	0.00025
58.69	40.31	0.00025	57.28	41.72	0.00025

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00026	43.13	55.86	0.00030
41.72	57.28	0.00030	40.31	58.69	0.00030
38.89	60.10	0.00029	37.48	61.52	0.00029

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

20:24:25  
 \*\*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
35.36	63.64	0.00028	31.82	67.18	0.00026
28.28	70.71	0.00025	21.21	77.78	0.00022
14.14	84.85	0.00020	7.07	91.92	0.00019
0.00	98.99	0.00018	-7.07	106.07	0.00017
-14.14	113.14	0.00015	-21.21	120.21	0.00014
113.14	-28.28	0.00033	106.07	-21.21	0.00033
98.99	-14.14	0.00033	91.92	-7.07	0.00032
84.85	0.00	0.00030	77.78	7.07	0.00027
70.71	14.14	0.00024	63.64	21.21	0.00022
60.10	24.75	0.00021	56.57	28.28	0.00021
54.45	30.41	0.00021	53.03	31.82	0.00021
51.62	33.23	0.00022	50.20	34.65	0.00022
48.79	36.06	0.00022	36.06	48.79	0.00026
34.65	50.20	0.00026	33.23	51.62	0.00026
31.82	53.03	0.00025	30.41	54.45	0.00025
28.28	56.57	0.00025	24.75	60.10	0.00023
21.21	63.64	0.00022	14.14	70.71	0.00020
7.07	77.78	0.00018	0.00	84.85	0.00017
-7.07	91.92	0.00016	-14.14	98.99	0.00015
-21.21	106.07	0.00014	-28.28	113.14	0.00013
106.07	-35.36	0.00028	98.99	-28.28	0.00028
91.92	-21.21	0.00028	84.85	-14.14	0.00026
77.78	-7.07	0.00025	70.71	0.00	0.00022
63.64	7.07	0.00020	56.57	14.14	0.00019
53.03	17.68	0.00018	49.50	21.21	0.00018
47.38	23.33	0.00018	45.96	24.75	0.00019
44.55	26.16	0.00019	43.13	27.58	0.00019
41.72	28.99	0.00020	28.99	41.72	0.00022
27.58	43.13	0.00022	26.16	44.55	0.00022
24.75	45.96	0.00022	23.33	47.38	0.00022
21.21	49.50	0.00022	17.68	53.03	0.00021

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00020	7.07	63.64	0.00018
0.00	70.71	0.00016	-7.07	77.78	0.00015
-14.14	84.85	0.00014	-21.21	91.92	0.00013
-28.28	98.99	0.00013	-35.36	106.07	0.00012
98.99	-42.43	0.00025	91.92	-35.36	0.00024
84.85	-28.28	0.00023	77.78	-21.21	0.00022
70.71	-14.14	0.00021	63.64	-7.07	0.00019
56.57	0.00	0.00017	49.50	7.07	0.00016
45.96	10.61	0.00016	42.43	14.14	0.00016

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00016	38.89	17.68	0.00016
37.48	19.09	0.00017	36.06	20.51	0.00017
34.65	21.92	0.00017	21.92	34.65	0.00020
20.51	36.06	0.00020	19.09	37.48	0.00020
17.68	38.89	0.00020	16.26	40.31	0.00019
14.14	42.43	0.00019	10.61	45.96	0.00019
7.07	49.50	0.00018	0.00	56.57	0.00016
-7.07	63.64	0.00015	-14.14	70.71	0.00013
-21.21	77.78	0.00013	-28.28	84.85	0.00012
-35.36	91.92	0.00011	-42.43	98.99	0.00011
91.92	-49.50	0.00021	84.85	-42.43	0.00021
77.78	-35.36	0.00020	70.71	-28.28	0.00019
63.64	-21.21	0.00017	56.57	-14.14	0.00016
49.50	-7.07	0.00015	42.43	0.00	0.00014
38.89	3.54	0.00014	35.36	7.07	0.00014
33.23	9.19	0.00014	31.82	10.61	0.00015
30.41	12.02	0.00015	28.99	13.44	0.00015
27.58	14.85	0.00015	14.85	27.58	0.00017
13.44	28.99	0.00017	12.02	30.41	0.00017
10.61	31.82	0.00017	9.19	33.23	0.00017
7.07	35.36	0.00017	3.54	38.89	0.00017
0.00	42.43	0.00016	-7.07	49.50	0.00015
-14.14	56.57	0.00013	-21.21	63.64	0.00012
-28.28	70.71	0.00011	-35.36	77.78	0.00011
-42.43	84.85	0.00010	-49.50	91.92	0.00010

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00019	77.78	-49.50	0.00018
70.71	-42.43	0.00017	63.64	-35.36	0.00016
56.57	-28.28	0.00015	49.50	-21.21	0.00014
42.43	-14.14	0.00013	35.36	-7.07	0.00012
31.82	-3.54	0.00012	28.28	0.00	0.00013
26.16	2.12	0.00013	24.75	3.54	0.00013
23.33	4.95	0.00013	21.92	6.36	0.00013
20.51	7.78	0.00014	7.78	20.51	0.00015
6.36	21.92	0.00015	4.95	23.33	0.00015
3.54	24.75	0.00015	2.12	26.16	0.00015
0.00	28.28	0.00015	-3.54	31.82	0.00015
-7.07	35.36	0.00014	-14.14	42.43	0.00013
-21.21	49.50	0.00012	-28.28	56.57	0.00011
-35.36	63.64	0.00010	-42.43	70.71	0.00010
-49.50	77.78	0.00009	-56.57	84.85	0.00009

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT    FLGPOL    DFAULT

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

\*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00016	70.71	-56.57	0.00016
63.64	-49.50	0.00015	56.57	-42.43	0.00014
49.50	-35.36	0.00013	42.43	-28.28	0.00012
35.36	-21.21	0.00011	28.28	-14.14	0.00011
24.75	-10.61	0.00011	21.21	-7.07	0.00011
19.09	-4.95	0.00012	17.68	-3.54	0.00012
16.26	-2.12	0.00012	14.85	-0.71	0.00012
13.44	0.71	0.00012	0.71	13.44	0.00014
-0.71	14.85	0.00014	-2.12	16.26	0.00014
-3.54	17.68	0.00014	-4.95	19.09	0.00014
-7.07	21.21	0.00014	-10.61	24.75	0.00013
-14.14	28.28	0.00013	-21.21	35.36	0.00012
-28.28	42.43	0.00011	-35.36	49.50	0.00010
-42.43	56.57	0.00010	-49.50	63.64	0.00009
-56.57	70.71	0.00009	-63.64	77.78	0.00008
70.71	-70.71	0.00014	63.64	-63.64	0.00014
56.57	-56.57	0.00013	49.50	-49.50	0.00012
42.43	-42.43	0.00011	35.36	-35.36	0.00010
28.28	-28.28	0.00010	21.21	-21.21	0.00010

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*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
-21.21	7.07	0.00011	-24.75	10.61	0.00011
-28.28	14.14	0.00011	-35.36	21.21	0.00010
-42.43	28.28	0.00010	-49.50	35.36	0.00009
-56.57	42.43	0.00008	-63.64	49.50	0.00008
-70.71	56.57	0.00007	-77.78	63.64	0.00007
56.57	-84.85	0.00011	49.50	-77.78	0.00011
42.43	-70.71	0.00010	35.36	-63.64	0.00009
28.28	-56.57	0.00009	21.21	-49.50	0.00008
14.14	-42.43	0.00008	7.07	-35.36	0.00008
3.54	-31.82	0.00008	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00010

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00010	-23.33	-4.95	0.00010
-24.75	-3.54	0.00010	-26.16	-2.12	0.00010
-28.28	0.00	0.00010	-31.82	3.54	0.00010
-35.36	7.07	0.00010	-42.43	14.14	0.00010
-49.50	21.21	0.00009	-56.57	28.28	0.00008
-63.64	35.36	0.00008	-70.71	42.43	0.00007
-77.78	49.50	0.00007	-84.85	56.57	0.00007
49.50	-91.92	0.00010	42.43	-84.85	0.00009
35.36	-77.78	0.00009	28.28	-70.71	0.00008
21.21	-63.64	0.00008	14.14	-56.57	0.00008
7.07	-49.50	0.00007	0.00	-42.43	0.00008
-3.54	-38.89	0.00008	-7.07	-35.36	0.00008
-9.19	-33.23	0.00008	-10.61	-31.82	0.00008
-12.02	-30.41	0.00008	-13.44	-28.99	0.00008
-14.85	-27.58	0.00008	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00009
-31.82	-10.61	0.00009	-33.23	-9.19	0.00009
-35.36	-7.07	0.00009	-38.89	-3.54	0.00009
-42.43	0.00	0.00009	-49.50	7.07	0.00009
-56.57	14.14	0.00008	-63.64	21.21	0.00008
-70.71	28.28	0.00007	-77.78	35.36	0.00007
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00009	35.36	-91.92	0.00008
28.28	-84.85	0.00008	21.21	-77.78	0.00007
14.14	-70.71	0.00007	7.07	-63.64	0.00007
0.00	-56.57	0.00007	-7.07	-49.50	0.00007
-10.61	-45.96	0.00007	-14.14	-42.43	0.00007

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

20:24:25  
 \*\*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
-16.26	-40.31	0.00007	-17.68	-38.89	0.00008
-19.09	-37.48	0.00008	-20.51	-36.06	0.00008
-21.92	-34.65	0.00008	-34.65	-21.92	0.00009
-36.06	-20.51	0.00009	-37.48	-19.09	0.00009
-38.89	-17.68	0.00009	-40.31	-16.26	0.00009
-42.43	-14.14	0.00009	-45.96	-10.61	0.00009
-49.50	-7.07	0.00008	-56.57	0.00	0.00008



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00008	-70.71	14.14	0.00007
-77.78	21.21	0.00007	-84.85	28.28	0.00006
-91.92	35.36	0.00006	-98.99	42.43	0.00006
35.36	-106.07	0.00008	28.28	-98.99	0.00007
21.21	-91.92	0.00007	14.14	-84.85	0.00007
7.07	-77.78	0.00006	0.00	-70.71	0.00006
-7.07	-63.64	0.00006	-14.14	-56.57	0.00006
-17.68	-53.03	0.00007	-21.21	-49.50	0.00007
-23.33	-47.38	0.00007	-24.75	-45.96	0.00007
-26.16	-44.55	0.00007	-27.58	-43.13	0.00007
-28.99	-41.72	0.00007	-41.72	-28.99	0.00008
-43.13	-27.58	0.00008	-44.55	-26.16	0.00008
-45.96	-24.75	0.00008	-47.38	-23.33	0.00008
-49.50	-21.21	0.00008	-53.03	-17.68	0.00008
-56.57	-14.14	0.00008	-63.64	-7.07	0.00008
-70.71	0.00	0.00007	-77.78	7.07	0.00007
-84.85	14.14	0.00006	-91.92	21.21	0.00006
-98.99	28.28	0.00006	-106.07	35.36	0.00005
28.28	-113.14	0.00007	21.21	-106.07	0.00007
14.14	-98.99	0.00006	7.07	-91.92	0.00006
0.00	-84.85	0.00006	-7.07	-77.78	0.00006
-14.14	-70.71	0.00006	-21.21	-63.64	0.00006
-24.75	-60.10	0.00006	-28.28	-56.57	0.00006
-30.41	-54.45	0.00006	-31.82	-53.03	0.00006
-33.23	-51.62	0.00007	-34.65	-50.20	0.00007
-36.06	-48.79	0.00007	-48.79	-36.06	0.00007
-50.20	-34.65	0.00007	-51.62	-33.23	0.00007
-53.03	-31.82	0.00007	-54.45	-30.41	0.00007
-56.57	-28.28	0.00007	-60.10	-24.75	0.00007
-63.64	-21.21	0.00007	-70.71	-14.14	0.00007
-77.78	-7.07	0.00007	-84.85	0.00	0.00006
-91.92	7.07	0.00006	-98.99	14.14	0.00006
-106.07	21.21	0.00005	-113.14	28.28	0.00005

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

20:24:25  
 \*\*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
21.21	-120.21	0.00006	14.14	-113.14	0.00006

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00006	0.00	-98.99	0.00006
-7.07	-91.92	0.00005	-14.14	-84.85	0.00005
-21.21	-77.78	0.00005	-28.28	-70.71	0.00006
-31.82	-67.18	0.00006	-35.36	-63.64	0.00006
-37.48	-61.52	0.00006	-38.89	-60.10	0.00006
-40.31	-58.69	0.00006	-41.72	-57.28	0.00006
-43.13	-55.86	0.00006	-55.86	-43.13	0.00007
-57.28	-41.72	0.00007	-58.69	-40.31	0.00007
-60.10	-38.89	0.00007	-61.52	-37.48	0.00007
-63.64	-35.36	0.00007	-67.18	-31.82	0.00007
-70.71	-28.28	0.00007	-77.78	-21.21	0.00007
-84.85	-14.14	0.00006	-91.92	-7.07	0.00006
-98.99	0.00	0.00006	-106.07	7.07	0.00005
-113.14	14.14	0.00005	-120.21	21.21	0.00005
14.14	-127.28	0.00006	7.07	-120.21	0.00006
0.00	-113.14	0.00005	-7.07	-106.07	0.00005
-14.14	-98.99	0.00005	-21.21	-91.92	0.00005
-28.28	-84.85	0.00005	-35.36	-77.78	0.00005
-38.89	-74.25	0.00005	-42.43	-70.71	0.00005
-44.55	-68.59	0.00006	-45.96	-67.18	0.00006
-47.38	-65.76	0.00006	-48.79	-64.35	0.00006
-50.20	-62.93	0.00006	-62.93	-50.20	0.00006
-64.35	-48.79	0.00006	-65.76	-47.38	0.00006
-67.18	-45.96	0.00006	-68.59	-44.55	0.00006
-70.71	-42.43	0.00006	-74.25	-38.89	0.00006
-77.78	-35.36	0.00006	-84.85	-28.28	0.00006
-91.92	-21.21	0.00006	-98.99	-14.14	0.00006
-106.07	-7.07	0.00005	-113.14	0.00	0.00005
-120.21	7.07	0.00005	-127.28	14.14	0.00005
7.07	-134.35	0.00005	0.00	-127.28	0.00005
-7.07	-120.21	0.00005	-14.14	-113.14	0.00005
-21.21	-106.07	0.00005	-28.28	-98.99	0.00005
-35.36	-91.92	0.00005	-42.43	-84.85	0.00005
-45.96	-81.32	0.00005	-49.50	-77.78	0.00005
-51.62	-75.66	0.00005	-53.03	-74.25	0.00005
-54.45	-72.83	0.00005	-55.86	-71.42	0.00005
-57.28	-70.00	0.00005	-70.00	-57.28	0.00006
-71.42	-55.86	0.00006	-72.83	-54.45	0.00006
-74.25	-53.03	0.00006	-75.66	-51.62	0.00006

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25

\*\*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
-77.78	-49.50	0.00006	-81.32	-45.96	0.00006
-84.85	-42.43	0.00006	-91.92	-35.36	0.00006
-98.99	-28.28	0.00006	-106.07	-21.21	0.00005
-113.14	-14.14	0.00005	-120.21	-7.07	0.00005
-127.28	0.00	0.00005	-134.35	7.07	0.00004
0.00	-141.42	0.00005	-7.07	-134.35	0.00005
-14.14	-127.28	0.00005	-21.21	-120.21	0.00004
-28.28	-113.14	0.00004	-35.36	-106.07	0.00004
-42.43	-98.99	0.00004	-49.50	-91.92	0.00005
-53.03	-88.39	0.00005	-56.57	-84.85	0.00005
-58.69	-82.73	0.00005	-60.10	-81.32	0.00005
-61.52	-79.90	0.00005	-62.93	-78.49	0.00005
-64.35	-77.07	0.00005	-77.07	-64.35	0.00005
-78.49	-62.93	0.00005	-79.90	-61.52	0.00005
-81.32	-60.10	0.00006	-82.73	-58.69	0.00006
-84.85	-56.57	0.00006	-88.39	-53.03	0.00006
-91.92	-49.50	0.00006	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00005	-127.28	-14.14	0.00005
-134.35	-7.07	0.00004	-141.42	0.00	0.00004
-7.07	-148.49	0.00005	-14.14	-141.42	0.00004
-21.21	-134.35	0.00004	-28.28	-127.28	0.00004
-35.36	-120.21	0.00004	-42.43	-113.14	0.00004
-49.50	-106.07	0.00004	-56.57	-98.99	0.00004
-60.10	-95.46	0.00004	-63.64	-91.92	0.00005
-65.76	-89.80	0.00005	-67.18	-88.39	0.00005
-68.59	-86.97	0.00005	-70.00	-85.56	0.00005
-71.42	-84.15	0.00005	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00005	-120.21	-35.36	0.00005
-127.28	-28.28	0.00005	-134.35	-21.21	0.00004
-141.42	-14.14	0.00004	-148.49	-7.07	0.00004
-14.14	-155.56	0.00004	-21.21	-148.49	0.00004
-28.28	-141.42	0.00004	-35.36	-134.35	0.00004
-42.43	-127.28	0.00004	-49.50	-120.21	0.00004
-56.57	-113.14	0.00004	-63.64	-106.07	0.00004

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18      -102.53      0.00004      -70.71      -98.99      0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
-72.83	-96.87	0.00004	-74.25	-95.46	0.00004
-75.66	-94.05	0.00004	-77.07	-92.63	0.00004
-78.49	-91.22	0.00004	-91.22	-78.49	0.00005
-92.63	-77.07	0.00005	-94.05	-75.66	0.00005
-95.46	-74.25	0.00005	-96.87	-72.83	0.00005
-98.99	-70.71	0.00005	-102.53	-67.18	0.00005
-106.07	-63.64	0.00005	-113.14	-56.57	0.00005
-120.21	-49.50	0.00005	-127.28	-42.43	0.00005
-134.35	-35.36	0.00004	-141.42	-28.28	0.00004
-148.49	-21.21	0.00004	-155.56	-14.14	0.00004
-21.21	-162.63	0.00004	-28.28	-155.56	0.00004
-35.36	-148.49	0.00004	-42.43	-141.42	0.00004
-49.50	-134.35	0.00004	-56.57	-127.28	0.00004
-63.64	-120.21	0.00004	-70.71	-113.14	0.00004
-74.25	-109.60	0.00004	-77.78	-106.07	0.00004
-79.90	-103.94	0.00004	-81.32	-102.53	0.00004
-82.73	-101.12	0.00004	-84.15	-99.70	0.00004
-85.56	-98.29	0.00004	-98.29	-85.56	0.00005
-99.70	-84.15	0.00005	-101.12	-82.73	0.00005
-102.53	-81.32	0.00005	-103.94	-79.90	0.00005
-106.07	-77.78	0.00005	-109.60	-74.25	0.00005
-113.14	-70.71	0.00005	-120.21	-63.64	0.00005
-127.28	-56.57	0.00004	-134.35	-49.50	0.00004
-141.42	-42.43	0.00004	-148.49	-35.36	0.00004
-155.56	-28.28	0.00004	-162.63	-21.21	0.00004
-28.28	-169.71	0.00004	-35.36	-162.63	0.00004
-42.43	-155.56	0.00003	-49.50	-148.49	0.00003
-56.57	-141.42	0.00003	-63.64	-134.35	0.00003
-70.71	-127.28	0.00004	-77.78	-120.21	0.00004
-81.32	-116.67	0.00004	-84.85	-113.14	0.00004
-86.97	-111.02	0.00004	-88.39	-109.60	0.00004
-89.80	-108.19	0.00004	-91.22	-106.77	0.00004
-92.63	-105.36	0.00004	-105.36	-92.63	0.00004

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00004	-108.19	-89.80	0.00004
-109.60	-88.39	0.00004	-111.02	-86.97	0.00004
-113.14	-84.85	0.00004	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00004
-162.63	-35.36	0.00004	-169.71	-28.28	0.00003

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

\*\*\* Maximum train overlap at NE/SW 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
-35.36	-176.78	0.00003	-42.43	-169.71	0.00003
-49.50	-162.63	0.00003	-56.57	-155.56	0.00003
-63.64	-148.49	0.00003	-70.71	-141.42	0.00003
-77.78	-134.35	0.00003	-84.85	-127.28	0.00003
-88.39	-123.74	0.00004	-91.92	-120.21	0.00004
-94.05	-118.09	0.00004	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00004
-155.56	-56.57	0.00004	-162.63	-49.50	0.00004
-169.71	-42.43	0.00003	-176.78	-35.36	0.00003
-42.43	-183.85	0.00003	-49.50	-176.78	0.00003
-56.57	-169.71	0.00003	-63.64	-162.63	0.00003
-70.71	-155.56	0.00003	-77.78	-148.49	0.00003
-84.85	-141.42	0.00003	-91.92	-134.35	0.00003
-95.46	-130.81	0.00003	-98.99	-127.28	0.00003
-101.12	-125.16	0.00003	-102.53	-123.74	0.00003
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00004
-127.28	-98.99	0.00004	-130.81	-95.46	0.00004
-134.35	-91.92	0.00004	-141.42	-84.85	0.00004

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-77.78	0.00004	-155.56	-70.71	0.00004
-162.63	-63.64	0.00004	-169.71	-56.57	0.00003
-176.78	-49.50	0.00003	-183.85	-42.43	0.00003
-49.50	-190.92	0.00003	-56.57	-183.85	0.00003
-63.64	-176.78	0.00003	-70.71	-169.71	0.00003
-77.78	-162.63	0.00003	-84.85	-155.56	0.00003
-91.92	-148.49	0.00003	-98.99	-141.42	0.00003
-102.53	-137.89	0.00003	-106.07	-134.35	0.00003
-108.19	-132.23	0.00003	-109.60	-130.81	0.00003
-111.02	-129.40	0.00003	-112.43	-127.99	0.00003
-113.84	-126.57	0.00003	-126.57	-113.84	0.00004
-127.99	-112.43	0.00004	-129.40	-111.02	0.00004
-130.81	-109.60	0.00004	-132.23	-108.19	0.00004

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

\*\*\* Maximum train overlap at NE/SW 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
-134.35	-106.07	0.00004	-137.89	-102.53	0.00004
-141.42	-98.99	0.00004	-148.49	-91.92	0.00004
-155.56	-84.85	0.00004	-162.63	-77.78	0.00004
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00003	-63.64	-190.92	0.00003
-70.71	-183.85	0.00003	-77.78	-176.78	0.00003
-84.85	-169.71	0.00003	-91.92	-162.63	0.00003
-98.99	-155.56	0.00003	-106.07	-148.49	0.00003
-109.60	-144.96	0.00003	-113.14	-141.42	0.00003
-115.26	-139.30	0.00003	-116.67	-137.89	0.00003
-118.09	-136.47	0.00003	-119.50	-135.06	0.00003
-120.92	-133.64	0.00003	-133.64	-120.92	0.00003
-135.06	-119.50	0.00003	-136.47	-118.09	0.00003
-137.89	-116.67	0.00003	-139.30	-115.26	0.00003
-141.42	-113.14	0.00003	-144.96	-109.60	0.00004
-148.49	-106.07	0.00004	-155.56	-98.99	0.00003
-162.63	-91.92	0.00003	-169.71	-84.85	0.00003
-176.78	-77.78	0.00003	-183.85	-70.71	0.00003
-190.92	-63.64	0.00003	-197.99	-56.57	0.00003
-63.64	-205.06	0.00003	-70.71	-197.99	0.00003

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00003	-84.85	-183.85	0.00003
-91.92	-176.78	0.00003	-98.99	-169.71	0.00003
-106.07	-162.63	0.00003	-113.14	-155.56	0.00003
-116.67	-152.03	0.00003	-120.21	-148.49	0.00003
-122.33	-146.37	0.00003	-123.74	-144.96	0.00003
-125.16	-143.54	0.00003	-126.57	-142.13	0.00003
-127.99	-140.71	0.00003	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00003
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00003
-70.71	-212.13	0.00003	-77.78	-205.06	0.00003
-84.85	-197.99	0.00002	-91.92	-190.92	0.00002
-98.99	-183.85	0.00003	-106.07	-176.78	0.00003
-113.14	-169.71	0.00003	-120.21	-162.63	0.00003
-123.74	-159.10	0.00003	-127.28	-155.56	0.00003

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

\*\*\* Maximum train overlap at NE/SW 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
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00002	-84.85	-212.13	0.00002
-91.92	-205.06	0.00002	-98.99	-197.99	0.00002
-106.07	-190.92	0.00002	-113.14	-183.85	0.00002
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00002	-91.92	-219.20	0.00002
-98.99	-212.13	0.00002	-106.07	-205.06	0.00002
-113.14	-197.99	0.00002	-120.21	-190.92	0.00002
-127.28	-183.85	0.00002	-134.35	-176.78	0.00002
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 121

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00002	-98.99	-226.27	0.00002
-106.07	-219.20	0.00002	-113.14	-212.13	0.00002
-120.21	-205.06	0.00002	-127.28	-197.99	0.00002
-134.35	-190.92	0.00002	-141.42	-183.85	0.00002
-144.96	-180.31	0.00002	-148.49	-176.78	0.00002
-150.61	-174.66	0.00002	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00003	-180.31	-144.96	0.00003
-183.85	-141.42	0.00003	-190.92	-134.35	0.00003
-197.99	-127.28	0.00003	-205.06	-120.21	0.00003
-212.13	-113.14	0.00003	-219.20	-106.07	0.00003
-226.27	-98.99	0.00003	-233.35	-91.92	0.00002
-98.99	-240.42	0.00002	-106.07	-233.35	0.00002
-113.14	-226.27	0.00002	-120.21	-219.20	0.00002
-127.28	-212.13	0.00002	-134.35	-205.06	0.00002
-141.42	-197.99	0.00002	-148.49	-190.92	0.00002
-152.03	-187.38	0.00002	-155.56	-183.85	0.00002
-157.68	-181.73	0.00002	-159.10	-180.31	0.00002
-160.51	-178.90	0.00002	-161.93	-177.48	0.00002
-163.34	-176.07	0.00002	-176.07	-163.34	0.00003
-177.48	-161.93	0.00003	-178.90	-160.51	0.00003
-180.31	-159.10	0.00003	-181.73	-157.68	0.00003
-183.85	-155.56	0.00003	-187.38	-152.03	0.00003
-190.92	-148.49	0.00003	-197.99	-141.42	0.00003
-205.06	-134.35	0.00003	-212.13	-127.28	0.00003
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00002	-113.14	-240.42	0.00002
-120.21	-233.35	0.00002	-127.28	-226.27	0.00002
-134.35	-219.20	0.00002	-141.42	-212.13	0.00002
-148.49	-205.06	0.00002	-155.56	-197.99	0.00002
-159.10	-194.45	0.00002	-162.63	-190.92	0.00002
-164.76	-188.80	0.00002	-166.17	-187.38	0.00002
-167.58	-185.97	0.00002	-169.00	-184.55	0.00002
-170.41	-183.14	0.00002	-183.14	-170.41	0.00002
-184.55	-169.00	0.00002	-185.97	-167.58	0.00002
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

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

20:24:25  
 \*\*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
-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



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00279	197.99	127.28	0.00311
190.92	134.35	0.00349	183.85	141.42	0.00394
180.31	144.96	0.00422	176.78	148.49	0.00454
174.66	150.61	0.00476	173.24	152.03	0.00493
171.83	153.44	0.00512	170.41	154.86	0.00535
169.00	156.27	0.00561	156.27	169.00	0.00756
154.86	170.41	0.00753	153.44	171.83	0.00747
152.03	173.24	0.00739	150.61	174.66	0.00730

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

20:24:25  
 \*\*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
148.49	176.78	0.00714	144.96	180.31	0.00682
141.42	183.85	0.00649	134.35	190.92	0.00581
127.28	197.99	0.00519	120.21	205.06	0.00464
113.14	212.13	0.00418	106.07	219.20	0.00378
99.00	226.27	0.00344	91.92	233.35	0.00314
226.27	84.85	0.00204	219.20	91.92	0.00224
212.13	98.99	0.00248	205.06	106.07	0.00277
197.99	113.14	0.00310	190.92	120.21	0.00350
183.85	127.28	0.00397	176.78	134.35	0.00455
173.24	137.89	0.00491	169.71	141.42	0.00533
167.58	143.54	0.00564	166.17	144.96	0.00587
164.76	146.37	0.00614	163.34	147.79	0.00647
161.93	149.20	0.00689	149.20	161.93	0.00902
147.79	163.34	0.00876	146.37	164.76	0.00854
144.96	166.17	0.00835	143.54	167.58	0.00817
141.42	169.71	0.00791	137.89	173.24	0.00747
134.35	176.78	0.00704	127.28	183.85	0.00623
120.21	190.92	0.00551	113.14	197.99	0.00490
106.07	205.06	0.00438	99.00	212.13	0.00394
91.92	219.20	0.00357	84.85	226.27	0.00325
219.20	77.78	0.00219	212.13	84.85	0.00242
205.06	91.92	0.00270	197.99	98.99	0.00302
190.92	106.07	0.00341	183.85	113.14	0.00387
176.78	120.21	0.00441	169.71	127.28	0.00505
166.17	130.81	0.00542	162.63	134.35	0.00586
160.51	136.47	0.00616	159.10	137.89	0.00639

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00666	156.27	140.71	0.00697
154.86	142.13	0.00735	142.13	154.86	0.00921
140.71	156.27	0.00894	139.30	157.68	0.00872
137.89	159.10	0.00852	136.47	160.51	0.00834
134.35	162.63	0.00807	130.81	166.17	0.00762
127.28	169.71	0.00719	120.21	176.78	0.00638
113.14	183.85	0.00566	106.07	190.92	0.00503
99.00	197.99	0.00449	91.92	205.06	0.00404
84.85	212.13	0.00366	77.78	219.20	0.00333
212.13	70.71	0.00233	205.06	77.78	0.00259
197.99	84.85	0.00289	190.92	91.92	0.00324
183.85	98.99	0.00366	176.78	106.07	0.00414
169.71	113.14	0.00470	162.63	120.21	0.00536
159.10	123.74	0.00573	155.56	127.28	0.00615

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

\*\*\* Maximum train overlap at NE/SW 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
153.44	129.40	0.00645	152.03	130.81	0.00666
150.61	132.23	0.00690	149.20	133.64	0.00718
147.79	135.06	0.00754	135.06	147.79	0.00934
133.64	149.20	0.00906	132.23	150.61	0.00884
130.81	152.03	0.00864	129.40	153.44	0.00845
127.28	155.56	0.00818	123.74	159.10	0.00773
120.21	162.63	0.00729	113.14	169.71	0.00646
106.07	176.78	0.00573	98.99	183.85	0.00510
91.92	190.92	0.00456	84.85	197.99	0.00410
77.78	205.06	0.00371	70.71	212.13	0.00338
205.06	63.64	0.00246	197.99	70.71	0.00272
190.92	77.78	0.00304	183.85	84.85	0.00341
176.78	91.92	0.00384	169.71	98.99	0.00434
162.63	106.07	0.00492	155.56	113.14	0.00557
152.03	116.67	0.00594	148.49	120.21	0.00634
146.37	122.33	0.00661	144.96	123.74	0.00681
143.54	125.16	0.00704	142.13	126.57	0.00731
140.71	127.99	0.00765	127.99	140.71	0.00944
126.57	142.13	0.00916	125.16	143.54	0.00893
123.74	144.96	0.00873	122.33	146.37	0.00854

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00826	116.67	152.03	0.00781
113.14	155.56	0.00737	106.07	162.63	0.00653
98.99	169.71	0.00578	91.92	176.78	0.00514
84.85	183.85	0.00460	77.78	190.92	0.00414
70.71	197.99	0.00374	63.64	205.06	0.00341
197.99	56.57	0.00255	190.92	63.64	0.00283
183.85	70.71	0.00316	176.78	77.78	0.00353
169.71	84.85	0.00398	162.63	91.92	0.00449
155.56	98.99	0.00507	148.49	106.07	0.00572
144.96	109.60	0.00607	141.42	113.14	0.00646
139.30	115.26	0.00671	137.89	116.67	0.00691
136.47	118.09	0.00713	135.06	119.50	0.00739
133.64	120.92	0.00772	120.92	133.64	0.00953
119.50	135.06	0.00924	118.09	136.47	0.00901
116.67	137.89	0.00880	115.26	139.30	0.00860
113.14	141.42	0.00833	109.60	144.96	0.00787
106.07	148.49	0.00743	98.99	155.56	0.00658
91.92	162.63	0.00583	84.85	169.71	0.00518
77.78	176.78	0.00463	70.71	183.85	0.00416
63.64	190.92	0.00376	56.57	197.99	0.00343

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
190.92	49.50	0.00263	183.85	56.57	0.00292
176.78	63.64	0.00325	169.71	70.71	0.00364
162.63	77.78	0.00409	155.56	84.85	0.00461
148.49	91.92	0.00519	141.42	98.99	0.00582
137.89	102.53	0.00616	134.35	106.07	0.00653
132.23	108.19	0.00678	130.81	109.60	0.00697
129.40	111.02	0.00719	127.99	112.43	0.00745
126.57	113.84	0.00778	113.84	126.57	0.00959
112.43	127.99	0.00931	111.02	129.40	0.00907
109.60	130.81	0.00886	108.19	132.23	0.00867
106.07	134.35	0.00838	102.53	137.89	0.00792
98.99	141.42	0.00748	91.92	148.49	0.00663
84.85	155.56	0.00587	77.78	162.63	0.00521
70.71	169.71	0.00465	63.64	176.78	0.00418

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00378	49.50	190.92	0.00344
183.85	42.43	0.00270	176.78	49.50	0.00299
169.71	56.57	0.00333	162.63	63.64	0.00373
155.56	70.71	0.00418	148.49	77.78	0.00470
141.42	84.85	0.00527	134.35	91.92	0.00589
130.81	95.46	0.00622	127.28	98.99	0.00658
125.16	101.12	0.00683	123.74	102.53	0.00702
122.33	103.94	0.00724	120.92	105.36	0.00749
119.50	106.77	0.00782	106.77	119.50	0.00965
105.36	120.92	0.00936	103.94	122.33	0.00913
102.53	123.74	0.00892	101.12	125.16	0.00872
98.99	127.28	0.00843	95.46	130.81	0.00796
91.92	134.35	0.00751	84.85	141.42	0.00666
77.78	148.49	0.00590	70.71	155.56	0.00524
63.64	162.63	0.00468	56.57	169.71	0.00420
49.50	176.78	0.00380	42.43	183.85	0.00345
176.78	35.36	0.00275	169.71	42.43	0.00305
162.63	49.50	0.00340	155.56	56.57	0.00379
148.49	63.64	0.00425	141.42	70.71	0.00476
134.35	77.78	0.00533	127.28	84.85	0.00593
123.74	88.39	0.00626	120.21	91.92	0.00662
118.09	94.05	0.00687	116.67	95.46	0.00706
115.26	96.87	0.00728	113.84	98.29	0.00754
112.43	99.70	0.00786	99.70	112.43	0.00970
98.29	113.84	0.00941	96.87	115.26	0.00917
95.46	116.67	0.00896	94.05	118.09	0.00876

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at NE/SW 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
91.92	120.21	0.00846	88.39	123.74	0.00800
84.85	127.28	0.00754	77.78	134.35	0.00668
70.71	141.42	0.00592	63.64	148.49	0.00526
56.57	155.56	0.00469	49.50	162.63	0.00422
42.43	169.71	0.00381	35.36	176.78	0.00346
169.71	28.28	0.00280	162.63	35.36	0.00310
155.56	42.43	0.00345	148.49	49.50	0.00385
141.42	56.57	0.00430	134.35	63.64	0.00481

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00537	120.21	77.78	0.00596
116.67	81.32	0.00629	113.14	84.85	0.00665
111.02	86.97	0.00689	109.60	88.39	0.00708
108.19	89.80	0.00730	106.77	91.22	0.00757
105.36	92.63	0.00791	92.63	105.36	0.00974
91.22	106.77	0.00945	89.80	108.19	0.00920
88.39	109.60	0.00899	86.97	111.02	0.00878
84.85	113.14	0.00849	81.32	116.67	0.00802
77.78	120.21	0.00756	70.71	127.28	0.00670
63.64	134.35	0.00593	56.57	141.42	0.00527
49.50	148.49	0.00471	42.43	155.56	0.00423
35.36	162.63	0.00382	28.28	169.71	0.00347
162.63	21.21	0.00284	155.56	28.28	0.00314
148.49	35.36	0.00349	141.42	42.43	0.00389
134.35	49.50	0.00434	127.28	56.57	0.00485
120.21	63.64	0.00540	113.14	70.71	0.00599
109.60	74.25	0.00631	106.07	77.78	0.00666
103.94	79.90	0.00691	102.53	81.32	0.00710
101.12	82.73	0.00731	99.70	84.15	0.00759
98.29	85.56	0.00794	85.56	98.29	0.00976
84.15	99.70	0.00947	82.73	101.12	0.00922
81.32	102.53	0.00901	79.90	103.94	0.00881
77.78	106.07	0.00852	74.25	109.60	0.00804
70.71	113.14	0.00758	63.64	120.21	0.00671
56.57	127.28	0.00595	49.50	134.35	0.00528
42.43	141.42	0.00472	35.36	148.49	0.00424
28.28	155.56	0.00382	21.21	162.63	0.00347
155.56	14.14	0.00287	148.49	21.21	0.00317
141.42	28.28	0.00352	134.35	35.36	0.00392
127.28	42.43	0.00437	120.21	49.50	0.00487
113.14	56.57	0.00542	106.07	63.64	0.00600
102.53	67.18	0.00632	98.99	70.71	0.00667

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00692	95.46	74.25	0.00711
94.05	75.66	0.00733	92.63	77.07	0.00759

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00794	78.49	91.22	0.00977
77.07	92.63	0.00949	75.66	94.05	0.00924
74.25	95.46	0.00903	72.83	96.87	0.00883
70.71	98.99	0.00854	67.18	102.53	0.00805
63.64	106.07	0.00759	56.57	113.14	0.00672
49.50	120.21	0.00595	42.43	127.28	0.00529
35.36	134.35	0.00472	28.28	141.42	0.00424
21.21	148.49	0.00383	14.14	155.56	0.00347
148.49	7.07	0.00290	141.42	14.14	0.00320
134.35	21.21	0.00354	127.28	28.28	0.00394
120.21	35.36	0.00439	113.14	42.43	0.00489
106.07	49.50	0.00543	98.99	56.57	0.00601
95.46	60.10	0.00633	91.92	63.64	0.00668
89.80	65.76	0.00693	88.39	67.18	0.00712
86.97	68.59	0.00733	85.56	70.00	0.00760
84.15	71.42	0.00794	71.42	84.15	0.00979
70.00	85.56	0.00950	68.59	86.97	0.00926
67.18	88.39	0.00904	65.76	89.80	0.00884
63.64	91.92	0.00854	60.10	95.46	0.00806
56.57	98.99	0.00760	49.50	106.07	0.00673
42.43	113.14	0.00596	35.36	120.21	0.00529
28.28	127.28	0.00472	21.21	134.35	0.00424
14.14	141.42	0.00383	7.07	148.49	0.00347
141.42	0.00	0.00292	134.35	7.07	0.00322
127.28	14.14	0.00356	120.21	21.21	0.00395
113.14	28.28	0.00440	106.07	35.36	0.00489
98.99	42.43	0.00543	91.92	49.50	0.00602
88.39	53.03	0.00633	84.85	56.57	0.00668
82.73	58.69	0.00693	81.32	60.10	0.00712
79.90	61.52	0.00734	78.49	62.93	0.00760
77.07	64.35	0.00794	64.35	77.07	0.00980
62.93	78.49	0.00951	61.52	79.90	0.00927
60.10	81.32	0.00905	58.69	82.73	0.00884
56.57	84.85	0.00855	53.03	88.39	0.00807
49.50	91.92	0.00761	42.43	98.99	0.00674
35.36	106.07	0.00596	28.28	113.14	0.00529
21.21	120.21	0.00472	14.14	127.28	0.00424
7.07	134.35	0.00383	0.00	141.42	0.00347

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00293	127.28	0.00	0.00323
120.21	7.07	0.00357	113.14	14.14	0.00396
106.07	21.21	0.00441	98.99	28.28	0.00490
91.92	35.36	0.00543	84.85	42.43	0.00601
81.32	45.96	0.00633	77.78	49.50	0.00668
75.66	51.62	0.00693	74.25	53.03	0.00712
72.83	54.45	0.00734	71.42	55.86	0.00760
70.00	57.28	0.00794	57.28	70.00	0.00980
55.86	71.42	0.00951	54.45	72.83	0.00927
53.03	74.25	0.00905	51.62	75.66	0.00885
49.50	77.78	0.00855	45.96	81.32	0.00808
42.43	84.85	0.00761	35.36	91.92	0.00674
28.28	98.99	0.00596	21.21	106.07	0.00529
14.14	113.14	0.00472	7.07	120.21	0.00423
0.00	127.28	0.00382	-7.07	134.35	0.00347
127.28	-14.14	0.00294	120.21	-7.07	0.00324
113.14	0.00	0.00358	106.07	7.07	0.00397
98.99	14.14	0.00441	91.92	21.21	0.00490
84.85	28.28	0.00543	77.78	35.36	0.00601
74.25	38.89	0.00633	70.71	42.43	0.00668
68.59	44.55	0.00693	67.18	45.96	0.00712
65.76	47.38	0.00734	64.35	48.79	0.00760
62.93	50.20	0.00793	50.20	62.93	0.00980
48.79	64.35	0.00951	47.38	65.76	0.00927
45.96	67.18	0.00905	44.55	68.59	0.00885
42.43	70.71	0.00856	38.89	74.25	0.00808
35.36	77.78	0.00761	28.28	84.85	0.00673
21.21	91.92	0.00595	14.14	98.99	0.00528
7.07	106.07	0.00471	0.00	113.14	0.00423
-7.07	120.21	0.00381	-14.14	127.28	0.00346
120.21	-21.21	0.00295	113.14	-14.14	0.00324
106.07	-7.07	0.00358	98.99	0.00	0.00397
91.92	7.07	0.00440	84.85	14.14	0.00489
77.78	21.21	0.00543	70.71	28.28	0.00601
67.18	31.82	0.00632	63.64	35.36	0.00668
61.52	37.48	0.00692	60.10	38.89	0.00711
58.69	40.31	0.00733	57.28	41.72	0.00759
55.86	43.13	0.00792	43.13	55.86	0.00980
41.72	57.28	0.00951	40.31	58.69	0.00927
38.89	60.10	0.00905	37.48	61.52	0.00885

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00855	31.82	67.18	0.00807
28.28	70.71	0.00761	21.21	77.78	0.00673
14.14	84.85	0.00595	7.07	91.92	0.00528
0.00	98.99	0.00471	-7.07	106.07	0.00422
-14.14	113.14	0.00380	-21.21	120.21	0.00345
113.14	-28.28	0.00295	106.07	-21.21	0.00324
98.99	-14.14	0.00358	91.92	-7.07	0.00396
84.85	0.00	0.00440	77.78	7.07	0.00488
70.71	14.14	0.00542	63.64	21.21	0.00599
60.10	24.75	0.00631	56.57	28.28	0.00667
54.45	30.41	0.00692	53.03	31.82	0.00711
51.62	33.23	0.00733	50.20	34.65	0.00759
48.79	36.06	0.00792	36.06	48.79	0.00979
34.65	50.20	0.00951	33.23	51.62	0.00926
31.82	53.03	0.00905	30.41	54.45	0.00884
28.28	56.57	0.00855	24.75	60.10	0.00807
21.21	63.64	0.00760	14.14	70.71	0.00672
7.07	77.78	0.00594	0.00	84.85	0.00527
-7.07	91.92	0.00469	-14.14	98.99	0.00421
-21.21	106.07	0.00379	-28.28	113.14	0.00343
106.07	-35.36	0.00295	98.99	-28.28	0.00324
91.92	-21.21	0.00358	84.85	-14.14	0.00396
77.78	-7.07	0.00439	70.71	0.00	0.00487
63.64	7.07	0.00541	56.57	14.14	0.00598
53.03	17.68	0.00630	49.50	21.21	0.00666
47.38	23.33	0.00690	45.96	24.75	0.00709
44.55	26.16	0.00732	43.13	27.58	0.00759
41.72	28.99	0.00793	28.99	41.72	0.00979
27.58	43.13	0.00950	26.16	44.55	0.00925
24.75	45.96	0.00903	23.33	47.38	0.00883
21.21	49.50	0.00854	17.68	53.03	0.00806
14.14	56.57	0.00759	7.07	63.64	0.00671
0.00	70.71	0.00593	-7.07	77.78	0.00526
-14.14	84.85	0.00468	-21.21	91.92	0.00419

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00378	-35.36	106.07	0.00342
98.99	-42.43	0.00294	91.92	-35.36	0.00323
84.85	-28.28	0.00357	77.78	-21.21	0.00395
70.71	-14.14	0.00438	63.64	-7.07	0.00486
56.57	0.00	0.00539	49.50	7.07	0.00597
45.96	10.61	0.00628	42.43	14.14	0.00664

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

\*\*\* Maximum train overlap at NE/SW 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
40.31	16.26	0.00689	38.89	17.68	0.00707
37.48	19.09	0.00729	36.06	20.51	0.00757
34.65	21.92	0.00792	21.92	34.65	0.00977
20.51	36.06	0.00948	19.09	37.48	0.00924
17.68	38.89	0.00902	16.26	40.31	0.00882
14.14	42.43	0.00852	10.61	45.96	0.00804
7.07	49.50	0.00757	0.00	56.57	0.00670
-7.07	63.64	0.00592	-14.14	70.71	0.00524
-21.21	77.78	0.00467	-28.28	84.85	0.00418
-35.36	91.92	0.00376	-42.43	98.99	0.00340
91.92	-49.50	0.00293	84.85	-42.43	0.00322
77.78	-35.36	0.00356	70.71	-28.28	0.00393
63.64	-21.21	0.00436	56.57	-14.14	0.00485
49.50	-7.07	0.00537	42.43	0.00	0.00595
38.89	3.54	0.00627	35.36	7.07	0.00662
33.23	9.19	0.00687	31.82	10.61	0.00706
30.41	12.02	0.00728	28.99	13.44	0.00755
27.58	14.85	0.00790	14.85	27.58	0.00975
13.44	28.99	0.00946	12.02	30.41	0.00922
10.61	31.82	0.00901	9.19	33.23	0.00880
7.07	35.36	0.00851	3.54	38.89	0.00803
0.00	42.43	0.00756	-7.07	49.50	0.00668
-14.14	56.57	0.00590	-21.21	63.64	0.00523
-28.28	70.71	0.00465	-35.36	77.78	0.00416
-42.43	84.85	0.00374	-49.50	91.92	0.00338
84.85	-56.57	0.00292	77.78	-49.50	0.00321
70.71	-42.43	0.00354	63.64	-35.36	0.00392
56.57	-28.28	0.00435	49.50	-21.21	0.00483

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00536	35.36	-7.07	0.00593
31.82	-3.54	0.00624	28.28	0.00	0.00660
26.16	2.12	0.00685	24.75	3.54	0.00704
23.33	4.95	0.00726	21.92	6.36	0.00752
20.51	7.78	0.00787	7.78	20.51	0.00973
6.36	21.92	0.00944	4.95	23.33	0.00920
3.54	24.75	0.00899	2.12	26.16	0.00878
0.00	28.28	0.00849	-3.54	31.82	0.00800
-7.07	35.36	0.00754	-14.14	42.43	0.00666
-21.21	49.50	0.00588	-28.28	56.57	0.00521
-35.36	63.64	0.00463	-42.43	70.71	0.00414
-49.50	77.78	0.00372	-56.57	84.85	0.00336

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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
77.78	-63.64	0.00291	70.71	-56.57	0.00320
63.64	-49.50	0.00353	56.57	-42.43	0.00390
49.50	-35.36	0.00433	42.43	-28.28	0.00481
35.36	-21.21	0.00533	28.28	-14.14	0.00591
24.75	-10.61	0.00622	21.21	-7.07	0.00658
19.09	-4.95	0.00682	17.68	-3.54	0.00701
16.26	-2.12	0.00724	14.85	-0.71	0.00750
13.44	0.71	0.00784	0.71	13.44	0.00971
-0.71	14.85	0.00942	-2.12	16.26	0.00918
-3.54	17.68	0.00896	-4.95	19.09	0.00876
-7.07	21.21	0.00846	-10.61	24.75	0.00799
-14.14	28.28	0.00752	-21.21	35.36	0.00664
-28.28	42.43	0.00586	-35.36	49.50	0.00518
-42.43	56.57	0.00461	-49.50	63.64	0.00411
-56.57	70.71	0.00369	-63.64	77.78	0.00333
70.71	-70.71	0.00290	63.64	-63.64	0.00318
56.57	-56.57	0.00351	49.50	-49.50	0.00388
42.43	-42.43	0.00431	35.36	-35.36	0.00478
28.28	-28.28	0.00531	21.21	-21.21	0.00588
17.68	-17.68	0.00620	14.14	-14.14	0.00655
12.02	-12.02	0.00680	10.61	-10.61	0.00699
9.19	-9.19	0.00721	7.78	-7.78	0.00747

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00781	-6.36	6.36	0.00968
-7.78	7.78	0.00939	-9.19	9.19	0.00915
-10.61	10.61	0.00894	-12.02	12.02	0.00873
-14.14	14.14	0.00844	-17.68	17.68	0.00796
-21.21	21.21	0.00750	-28.28	28.28	0.00662
-35.36	35.36	0.00583	-42.43	42.43	0.00516
-49.50	49.50	0.00458	-56.57	56.57	0.00409
-63.64	63.64	0.00367	-70.71	70.71	0.00331
63.64	-77.78	0.00288	56.57	-70.71	0.00316
49.50	-63.64	0.00348	42.43	-56.57	0.00386
35.36	-49.50	0.00428	28.28	-42.43	0.00476
21.21	-35.36	0.00528	14.14	-28.28	0.00585
10.61	-24.75	0.00617	7.07	-21.21	0.00652
4.95	-19.09	0.00677	3.54	-17.68	0.00696
2.12	-16.26	0.00718	0.71	-14.85	0.00744
-0.71	-13.44	0.00777	-13.44	-0.71	0.00965
-14.85	0.71	0.00936	-16.26	2.12	0.00913
-17.68	3.54	0.00891	-19.09	4.95	0.00871

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

20:24:25  
 \*\*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
-21.21	7.07	0.00841	-24.75	10.61	0.00793
-28.28	14.14	0.00747	-35.36	21.21	0.00659
-42.43	28.28	0.00581	-49.50	35.36	0.00513
-56.57	42.43	0.00455	-63.64	49.50	0.00406
-70.71	56.57	0.00364	-77.78	63.64	0.00328
56.57	-84.85	0.00286	49.50	-77.78	0.00314
42.43	-70.71	0.00346	35.36	-63.64	0.00383
28.28	-56.57	0.00425	21.21	-49.50	0.00473
14.14	-42.43	0.00525	7.07	-35.36	0.00582
3.54	-31.82	0.00614	0.00	-28.28	0.00649
-2.12	-26.16	0.00674	-3.54	-24.75	0.00693
-4.95	-23.33	0.00714	-6.36	-21.92	0.00741
-7.78	-20.51	0.00774	-20.51	-7.78	0.00962
-21.92	-6.36	0.00933	-23.33	-4.95	0.00909
-24.75	-3.54	0.00888	-26.16	-2.12	0.00867
-28.28	0.00	0.00838	-31.82	3.54	0.00790

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00744	-42.43	14.14	0.00656
-49.50	21.21	0.00577	-56.57	28.28	0.00510
-63.64	35.36	0.00452	-70.71	42.43	0.00402
-77.78	49.50	0.00360	-84.85	56.57	0.00324
49.50	-91.92	0.00283	42.43	-84.85	0.00311
35.36	-77.78	0.00343	28.28	-70.71	0.00380
21.21	-63.64	0.00422	14.14	-56.57	0.00469
7.07	-49.50	0.00521	0.00	-42.43	0.00578
-3.54	-38.89	0.00610	-7.07	-35.36	0.00645
-9.19	-33.23	0.00670	-10.61	-31.82	0.00689
-12.02	-30.41	0.00711	-13.44	-28.99	0.00737
-14.85	-27.58	0.00770	-27.58	-14.85	0.00958
-28.99	-13.44	0.00930	-30.41	-12.02	0.00906
-31.82	-10.61	0.00884	-33.23	-9.19	0.00864
-35.36	-7.07	0.00834	-38.89	-3.54	0.00787
-42.43	0.00	0.00740	-49.50	7.07	0.00652
-56.57	14.14	0.00574	-63.64	21.21	0.00506
-70.71	28.28	0.00448	-77.78	35.36	0.00398
-84.85	42.43	0.00356	-91.92	49.50	0.00320
42.43	-98.99	0.00281	35.36	-91.92	0.00309
28.28	-84.85	0.00340	21.21	-77.78	0.00377
14.14	-70.71	0.00419	7.07	-63.64	0.00466
0.00	-56.57	0.00518	-7.07	-49.50	0.00574
-10.61	-45.96	0.00605	-14.14	-42.43	0.00641

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00666	-17.68	-38.89	0.00685
-19.09	-37.48	0.00707	-20.51	-36.06	0.00734
-21.92	-34.65	0.00768	-34.65	-21.92	0.00954
-36.06	-20.51	0.00925	-37.48	-19.09	0.00901
-38.89	-17.68	0.00879	-40.31	-16.26	0.00859
-42.43	-14.14	0.00830	-45.96	-10.61	0.00782
-49.50	-7.07	0.00736	-56.57	0.00	0.00648
-63.64	7.07	0.00570	-70.71	14.14	0.00502
-77.78	21.21	0.00444	-84.85	28.28	0.00394
-91.92	35.36	0.00352	-98.99	42.43	0.00316

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00278	28.28	-98.99	0.00306
21.21	-91.92	0.00337	14.14	-84.85	0.00373
7.07	-77.78	0.00415	0.00	-70.71	0.00462
-7.07	-63.64	0.00513	-14.14	-56.57	0.00569
-17.68	-53.03	0.00601	-21.21	-49.50	0.00636
-23.33	-47.38	0.00661	-24.75	-45.96	0.00679
-26.16	-44.55	0.00701	-27.58	-43.13	0.00729
-28.99	-41.72	0.00764	-41.72	-28.99	0.00950
-43.13	-27.58	0.00921	-44.55	-26.16	0.00896
-45.96	-24.75	0.00875	-47.38	-23.33	0.00854
-49.50	-21.21	0.00825	-53.03	-17.68	0.00778
-56.57	-14.14	0.00731	-63.64	-7.07	0.00643
-70.71	0.00	0.00565	-77.78	7.07	0.00497
-84.85	14.14	0.00439	-91.92	21.21	0.00389
-98.99	28.28	0.00347	-106.07	35.36	0.00311
28.28	-113.14	0.00275	21.21	-106.07	0.00302
14.14	-98.99	0.00334	7.07	-91.92	0.00370
0.00	-84.85	0.00411	-7.07	-77.78	0.00457
-14.14	-70.71	0.00508	-21.21	-63.64	0.00564
-24.75	-60.10	0.00596	-28.28	-56.57	0.00631
-30.41	-54.45	0.00655	-31.82	-53.03	0.00674
-33.23	-51.62	0.00696	-34.65	-50.20	0.00723
-36.06	-48.79	0.00758	-48.79	-36.06	0.00943
-50.20	-34.65	0.00915	-51.62	-33.23	0.00891
-53.03	-31.82	0.00869	-54.45	-30.41	0.00849
-56.57	-28.28	0.00820	-60.10	-24.75	0.00772
-63.64	-21.21	0.00725	-70.71	-14.14	0.00638
-77.78	-7.07	0.00560	-84.85	0.00	0.00492
-91.92	7.07	0.00433	-98.99	14.14	0.00384
-106.07	21.21	0.00342	-113.14	28.28	0.00305

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00271	14.14	-113.14	0.00298
7.07	-106.07	0.00329	0.00	-98.99	0.00365
-7.07	-91.92	0.00406	-14.14	-84.85	0.00452
-21.21	-77.78	0.00503	-28.28	-70.71	0.00559

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00590	-35.36	-63.64	0.00624
-37.48	-61.52	0.00649	-38.89	-60.10	0.00668
-40.31	-58.69	0.00690	-41.72	-57.28	0.00716
-43.13	-55.86	0.00751	-55.86	-43.13	0.00937
-57.28	-41.72	0.00908	-58.69	-40.31	0.00885
-60.10	-38.89	0.00863	-61.52	-37.48	0.00843
-63.64	-35.36	0.00814	-67.18	-31.82	0.00766
-70.71	-28.28	0.00720	-77.78	-21.21	0.00632
-84.85	-14.14	0.00554	-91.92	-7.07	0.00485
-98.99	0.00	0.00427	-106.07	7.07	0.00378
-113.14	14.14	0.00335	-120.21	21.21	0.00299
14.14	-127.28	0.00268	7.07	-120.21	0.00294
0.00	-113.14	0.00325	-7.07	-106.07	0.00360
-14.14	-98.99	0.00401	-21.21	-91.92	0.00447
-28.28	-84.85	0.00497	-35.36	-77.78	0.00553
-38.89	-74.25	0.00583	-42.43	-70.71	0.00618
-44.55	-68.59	0.00642	-45.96	-67.18	0.00661
-47.38	-65.76	0.00683	-48.79	-64.35	0.00709
-50.20	-62.93	0.00743	-62.93	-50.20	0.00930
-64.35	-48.79	0.00901	-65.76	-47.38	0.00878
-67.18	-45.96	0.00856	-68.59	-44.55	0.00836
-70.71	-42.43	0.00806	-74.25	-38.89	0.00759
-77.78	-35.36	0.00713	-84.85	-28.28	0.00625
-91.92	-21.21	0.00547	-98.99	-14.14	0.00478
-106.07	-7.07	0.00420	-113.14	0.00	0.00371
-120.21	7.07	0.00328	-127.28	14.14	0.00292
7.07	-134.35	0.00263	0.00	-127.28	0.00290
-7.07	-120.21	0.00320	-14.14	-113.14	0.00355
-21.21	-106.07	0.00395	-28.28	-98.99	0.00440
-35.36	-91.92	0.00490	-42.43	-84.85	0.00545
-45.96	-81.32	0.00576	-49.50	-77.78	0.00610
-51.62	-75.66	0.00634	-53.03	-74.25	0.00653
-54.45	-72.83	0.00675	-55.86	-71.42	0.00701
-57.28	-70.00	0.00734	-70.00	-57.28	0.00922
-71.42	-55.86	0.00893	-72.83	-54.45	0.00869
-74.25	-53.03	0.00848	-75.66	-51.62	0.00828

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

20:24:25  
 \*\*MODELOPTs:  
 PAGE 136  
 CONC

URBAN FLAT FLGPOL DFAULT

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



17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00799	-81.32	-45.96	0.00752
-84.85	-42.43	0.00705	-91.92	-35.36	0.00618
-98.99	-28.28	0.00539	-106.07	-21.21	0.00470
-113.14	-14.14	0.00412	-120.21	-7.07	0.00363
-127.28	0.00	0.00320	-134.35	7.07	0.00284
0.00	-141.42	0.00259	-7.07	-134.35	0.00285
-14.14	-127.28	0.00315	-21.21	-120.21	0.00349
-28.28	-113.14	0.00389	-35.36	-106.07	0.00433
-42.43	-98.99	0.00483	-49.50	-91.92	0.00537
-53.03	-88.39	0.00567	-56.57	-84.85	0.00601
-58.69	-82.73	0.00626	-60.10	-81.32	0.00644
-61.52	-79.90	0.00666	-62.93	-78.49	0.00692
-64.35	-77.07	0.00725	-77.07	-64.35	0.00913
-78.49	-62.93	0.00884	-79.90	-61.52	0.00860
-81.32	-60.10	0.00839	-82.73	-58.69	0.00819
-84.85	-56.57	0.00790	-88.39	-53.03	0.00743
-91.92	-49.50	0.00697	-98.99	-42.43	0.00609
-106.07	-35.36	0.00529	-113.14	-28.28	0.00461
-120.21	-21.21	0.00403	-127.28	-14.14	0.00353
-134.35	-7.07	0.00311	-141.42	0.00	0.00275
-7.07	-148.49	0.00254	-14.14	-141.42	0.00279
-21.21	-134.35	0.00309	-28.28	-127.28	0.00343
-35.36	-120.21	0.00382	-42.43	-113.14	0.00426
-49.50	-106.07	0.00474	-56.57	-98.99	0.00528
-60.10	-95.46	0.00558	-63.64	-91.92	0.00591
-65.76	-89.80	0.00615	-67.18	-88.39	0.00634
-68.59	-86.97	0.00655	-70.00	-85.56	0.00681
-71.42	-84.15	0.00714	-84.15	-71.42	0.00902
-85.56	-70.00	0.00873	-86.97	-68.59	0.00850
-88.39	-67.18	0.00829	-89.80	-65.76	0.00809
-91.92	-63.64	0.00780	-95.46	-60.10	0.00732
-98.99	-56.57	0.00686	-106.07	-49.50	0.00598
-113.14	-42.43	0.00519	-120.21	-35.36	0.00450
-127.28	-28.28	0.00392	-134.35	-21.21	0.00342
-141.42	-14.14	0.00300	-148.49	-7.07	0.00264
-14.14	-155.56	0.00248	-21.21	-148.49	0.00273
-28.28	-141.42	0.00302	-35.36	-134.35	0.00336
-42.43	-127.28	0.00374	-49.50	-120.21	0.00417
-56.57	-113.14	0.00465	-63.64	-106.07	0.00517
-67.18	-102.53	0.00547	-70.71	-98.99	0.00580

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

20:24:25  
 \*\*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	
-72.83	-96.87	0.00604	-74.25	-95.46	0.00622	
-75.66	-94.05	0.00644	-77.07	-92.63	0.00669	
-78.49	-91.22	0.00702	-91.22	-78.49	0.00889	
-92.63	-77.07	0.00861	-94.05	-75.66	0.00837	
-95.46	-74.25	0.00816	-96.87	-72.83	0.00796	
-98.99	-70.71	0.00767	-102.53	-67.18	0.00720	
-106.07	-63.64	0.00674	-113.14	-56.57	0.00585	
-120.21	-49.50	0.00506	-127.28	-42.43	0.00438	
-134.35	-35.36	0.00379	-141.42	-28.28	0.00330	
-148.49	-21.21	0.00288	-155.56	-14.14	0.00252	
-21.21	-162.63	0.00242	-28.28	-155.56	0.00266	
-35.36	-148.49	0.00295	-42.43	-141.42	0.00328	
-49.50	-134.35	0.00365	-56.57	-127.28	0.00407	
-63.64	-120.21	0.00454	-70.71	-113.14	0.00505	
-74.25	-109.60	0.00534	-77.78	-106.07	0.00566	
-79.90	-103.94	0.00590	-81.32	-102.53	0.00608	
-82.73	-101.12	0.00629	-84.15	-99.70	0.00656	
-85.56	-98.29	0.00689	-98.29	-85.56	0.00875	
-99.70	-84.15	0.00846	-101.12	-82.73	0.00822	
-102.53	-81.32	0.00801	-103.94	-79.90	0.00781	
-106.07	-77.78	0.00753	-109.60	-74.25	0.00706	
-113.14	-70.71	0.00659	-120.21	-63.64	0.00570	
-127.28	-56.57	0.00491	-134.35	-49.50	0.00423	
-141.42	-42.43	0.00364	-148.49	-35.36	0.00315	
-155.56	-28.28	0.00274	-162.63	-21.21	0.00239	
-28.28	-169.71	0.00235	-35.36	-162.63	0.00259	
-42.43	-155.56	0.00286	-49.50	-148.49	0.00318	
-56.57	-141.42	0.00355	-63.64	-134.35	0.00396	
-70.71	-127.28	0.00441	-77.78	-120.21	0.00491	
-81.32	-116.67	0.00519	-84.85	-113.14	0.00551	
-86.97	-111.02	0.00573	-88.39	-109.60	0.00591	
-89.80	-108.19	0.00612	-91.22	-106.77	0.00639	
-92.63	-105.36	0.00673	-105.36	-92.63	0.00857	
-106.77	-91.22	0.00829	-108.19	-89.80	0.00805	
-109.60	-88.39	0.00784	-111.02	-86.97	0.00764	
-113.14	-84.85	0.00736	-116.67	-81.32	0.00688	

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00641	-127.28	-70.71	0.00552
-134.35	-63.64	0.00473	-141.42	-56.57	0.00405
-148.49	-49.50	0.00346	-155.56	-42.43	0.00298
-162.63	-35.36	0.00258	-169.71	-28.28	0.00224

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

20:24:25  
 \*\*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
-35.36	-176.78	0.00227	-42.43	-169.71	0.00250
-49.50	-162.63	0.00277	-56.57	-155.56	0.00308
-63.64	-148.49	0.00344	-70.71	-141.42	0.00383
-77.78	-134.35	0.00427	-84.85	-127.28	0.00475
-88.39	-123.74	0.00501	-91.92	-120.21	0.00532
-94.05	-118.09	0.00554	-95.46	-116.67	0.00571
-96.87	-115.26	0.00592	-98.29	-113.84	0.00617
-99.70	-112.43	0.00651	-112.43	-99.70	0.00835
-113.84	-98.29	0.00807	-115.26	-96.87	0.00784
-116.67	-95.46	0.00763	-118.09	-94.05	0.00743
-120.21	-91.92	0.00714	-123.74	-88.39	0.00666
-127.28	-84.85	0.00619	-134.35	-77.78	0.00531
-141.42	-70.71	0.00451	-148.49	-63.64	0.00382
-155.56	-56.57	0.00325	-162.63	-49.50	0.00278
-169.71	-42.43	0.00239	-176.78	-35.36	0.00207
-42.43	-183.85	0.00218	-49.50	-176.78	0.00241
-56.57	-169.71	0.00266	-63.64	-162.63	0.00296
-70.71	-155.56	0.00331	-77.78	-148.49	0.00369
-84.85	-141.42	0.00411	-91.92	-134.35	0.00456
-95.46	-130.81	0.00481	-98.99	-127.28	0.00510
-101.12	-125.16	0.00531	-102.53	-123.74	0.00548
-103.94	-122.33	0.00568	-105.36	-120.92	0.00592
-106.77	-119.50	0.00625	-119.50	-106.77	0.00809
-120.92	-105.36	0.00781	-122.33	-103.94	0.00758
-123.74	-102.53	0.00737	-125.16	-101.12	0.00717
-127.28	-98.99	0.00688	-130.81	-95.46	0.00640
-134.35	-91.92	0.00593	-141.42	-84.85	0.00503
-148.49	-77.78	0.00423	-155.56	-70.71	0.00356
-162.63	-63.64	0.00300	-169.71	-56.57	0.00255
-176.78	-49.50	0.00218	-183.85	-42.43	0.00189

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00209	-56.57	-183.85	0.00230
-63.64	-176.78	0.00254	-70.71	-169.71	0.00283
-77.78	-162.63	0.00316	-84.85	-155.56	0.00352
-91.92	-148.49	0.00392	-98.99	-141.42	0.00434
-102.53	-137.89	0.00457	-106.07	-134.35	0.00484
-108.19	-132.23	0.00504	-109.60	-130.81	0.00519
-111.02	-129.40	0.00538	-112.43	-127.99	0.00562
-113.84	-126.57	0.00593	-126.57	-113.84	0.00776
-127.99	-112.43	0.00748	-129.40	-111.02	0.00725
-130.81	-109.60	0.00704	-132.23	-108.19	0.00683

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

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

20:24:25  
 \*\*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
-134.35	-106.07	0.00654	-137.89	-102.53	0.00606
-141.42	-98.99	0.00559	-148.49	-91.92	0.00468
-155.56	-84.85	0.00389	-162.63	-77.78	0.00324
-169.71	-70.71	0.00271	-176.78	-63.64	0.00229
-183.85	-56.57	0.00195	-190.92	-49.50	0.00168
-56.57	-197.99	0.00198	-63.64	-190.92	0.00218
-70.71	-183.85	0.00241	-77.78	-176.78	0.00268
-84.85	-169.71	0.00298	-91.92	-162.63	0.00333
-98.99	-155.56	0.00370	-106.07	-148.49	0.00408
-109.60	-144.96	0.00429	-113.14	-141.42	0.00453
-115.26	-139.30	0.00470	-116.67	-137.89	0.00485
-118.09	-136.47	0.00502	-119.50	-135.06	0.00524
-120.92	-133.64	0.00554	-133.64	-120.92	0.00734
-135.06	-119.50	0.00706	-136.47	-118.09	0.00682
-137.89	-116.67	0.00661	-139.30	-115.26	0.00640
-141.42	-113.14	0.00610	-144.96	-109.60	0.00562
-148.49	-106.07	0.00513	-155.56	-98.99	0.00422
-162.63	-91.92	0.00346	-169.71	-84.85	0.00285
-176.78	-77.78	0.00237	-183.85	-70.71	0.00200
-190.92	-63.64	0.00170	-197.99	-56.57	0.00146
-63.64	-205.06	0.00186	-70.71	-197.99	0.00204
-77.78	-190.92	0.00225	-84.85	-183.85	0.00250
-91.92	-176.78	0.00278	-98.99	-169.71	0.00310
-106.07	-162.63	0.00343	-113.14	-155.56	0.00378

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00396	-120.21	-148.49	0.00416
-122.33	-146.37	0.00431	-123.74	-144.96	0.00443
-125.16	-143.54	0.00458	-126.57	-142.13	0.00478
-127.99	-140.71	0.00505	-140.71	-127.99	0.00677
-142.13	-126.57	0.00649	-143.54	-125.16	0.00625
-144.96	-123.74	0.00603	-146.37	-122.33	0.00582
-148.49	-120.21	0.00551	-152.03	-116.67	0.00500
-155.56	-113.14	0.00451	-162.63	-106.07	0.00364
-169.71	-98.99	0.00294	-176.78	-91.92	0.00241
-183.85	-84.85	0.00200	-190.92	-77.78	0.00168
-197.99	-70.71	0.00144	-205.06	-63.64	0.00124
-70.71	-212.13	0.00173	-77.78	-205.06	0.00189
-84.85	-197.99	0.00208	-91.92	-190.92	0.00230
-98.99	-183.85	0.00255	-106.07	-176.78	0.00283
-113.14	-169.71	0.00312	-120.21	-162.63	0.00342
-123.74	-159.10	0.00356	-127.28	-155.56	0.00372

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

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

20:24:25

\*\*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	0.00384	-130.81	-152.03	0.00393
-132.23	-150.61	0.00405	-133.64	-149.20	0.00421
-135.06	-147.79	0.00444	-147.79	-135.06	0.00598
-149.20	-133.64	0.00569	-150.61	-132.23	0.00544
-152.03	-130.81	0.00520	-153.44	-129.40	0.00498
-155.56	-127.28	0.00465	-159.10	-123.74	0.00413
-162.63	-120.21	0.00367	-169.71	-113.14	0.00291
-176.78	-106.07	0.00234	-183.85	-98.99	0.00192
-190.92	-91.92	0.00160	-197.99	-84.85	0.00136
-205.06	-77.78	0.00117	-212.13	-70.71	0.00102
-77.78	-219.20	0.00159	-84.85	-212.13	0.00173
-91.92	-205.06	0.00189	-98.99	-197.99	0.00208
-106.07	-190.92	0.00228	-113.14	-183.85	0.00251
-120.21	-176.78	0.00275	-127.28	-169.71	0.00298
-130.81	-166.17	0.00309	-134.35	-162.63	0.00320
-136.47	-160.51	0.00328	-137.89	-159.10	0.00334
-139.30	-157.68	0.00342	-140.71	-156.27	0.00353
-142.13	-154.86	0.00369	-154.86	-142.13	0.00477

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00445	-157.68	-139.30	0.00417
-159.10	-137.89	0.00392	-160.51	-136.47	0.00369
-162.63	-134.35	0.00338	-166.17	-130.81	0.00295
-169.71	-127.28	0.00261	-176.78	-120.21	0.00208
-183.85	-113.14	0.00171	-190.92	-106.07	0.00143
-197.99	-98.99	0.00122	-205.06	-91.92	0.00106
-212.13	-84.85	0.00093	-219.20	-77.78	0.00083
-84.85	-226.27	0.00144	-91.92	-219.20	0.00156
-98.99	-212.13	0.00169	-106.07	-205.06	0.00183
-113.14	-197.99	0.00199	-120.21	-190.92	0.00216
-127.28	-183.85	0.00232	-134.35	-176.78	0.00245
-137.89	-173.24	0.00250	-141.42	-169.71	0.00254
-143.54	-167.58	0.00257	-144.96	-166.17	0.00259
-146.37	-164.76	0.00262	-147.79	-163.34	0.00267
-149.20	-161.93	0.00276	-161.93	-149.20	0.00267
-163.34	-147.79	0.00241	-164.76	-146.37	0.00222
-166.17	-144.96	0.00208	-167.58	-143.54	0.00198
-169.71	-141.42	0.00185	-173.24	-137.89	0.00168
-176.78	-134.35	0.00154	-183.85	-127.28	0.00133
-190.92	-120.21	0.00116	-197.99	-113.14	0.00103
-205.06	-106.07	0.00091	-212.13	-98.99	0.00082
-219.20	-91.92	0.00074	-226.27	-84.85	0.00067

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

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW 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
-91.92	-233.35	0.00129	-98.99	-226.27	0.00138
-106.07	-219.20	0.00147	-113.14	-212.13	0.00157
-120.21	-205.06	0.00167	-127.28	-197.99	0.00176
-134.35	-190.92	0.00183	-141.42	-183.85	0.00183
-144.96	-180.31	0.00180	-148.49	-176.78	0.00174
-150.61	-174.66	0.00168	-152.03	-173.24	0.00164
-153.44	-171.83	0.00159	-154.86	-170.41	0.00153
-156.27	-169.00	0.00147	-169.00	-156.27	0.00120
-170.41	-154.86	0.00117	-171.83	-153.44	0.00114
-173.24	-152.03	0.00112	-174.66	-150.61	0.00109
-176.78	-148.49	0.00106	-180.31	-144.96	0.00102
-183.85	-141.42	0.00098	-190.92	-134.35	0.00091

17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00084	-205.06	-120.21	0.00077
-212.13	-113.14	0.00070	-219.20	-106.07	0.00065
-226.27	-98.99	0.00059	-233.35	-91.92	0.00055
-98.99	-240.42	0.00113	-106.07	-233.35	0.00119
-113.14	-226.27	0.00125	-120.21	-219.20	0.00131
-127.28	-212.13	0.00136	-134.35	-205.06	0.00139
-141.42	-197.99	0.00138	-148.49	-190.92	0.00133
-152.03	-187.38	0.00128	-155.56	-183.85	0.00120
-157.68	-181.73	0.00115	-159.10	-180.31	0.00111
-160.51	-178.90	0.00107	-161.93	-177.48	0.00103
-163.34	-176.07	0.00099	-176.07	-163.34	0.00100
-177.48	-161.93	0.00098	-178.90	-160.51	0.00096
-180.31	-159.10	0.00094	-181.73	-157.68	0.00092
-183.85	-155.56	0.00090	-187.38	-152.03	0.00086
-190.92	-148.49	0.00082	-197.99	-141.42	0.00074
-205.06	-134.35	0.00068	-212.13	-127.28	0.00063
-219.20	-120.21	0.00058	-226.27	-113.14	0.00054
-233.35	-106.07	0.00050	-240.42	-98.99	0.00047
-106.07	-247.49	0.00098	-113.14	-240.42	0.00101
-120.21	-233.35	0.00105	-127.28	-226.27	0.00108
-134.35	-219.20	0.00110	-141.42	-212.13	0.00111
-148.49	-205.06	0.00108	-155.56	-197.99	0.00102
-159.10	-194.45	0.00096	-162.63	-190.92	0.00090
-164.76	-188.80	0.00086	-166.17	-187.38	0.00083
-167.58	-185.97	0.00081	-169.00	-184.55	0.00079
-170.41	-183.14	0.00079	-183.14	-170.41	0.00086
-184.55	-169.00	0.00085	-185.97	-167.58	0.00083
-187.38	-166.17	0.00081	-188.80	-164.76	0.00080

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00078	-194.45	-159.10	0.00074
-197.99	-155.56	0.00071	-205.06	-148.49	0.00066
-212.13	-141.42	0.00060	-219.20	-134.35	0.00055
-226.27	-127.28	0.00051	-233.35	-120.21	0.00047
-240.42	-113.14	0.00044	-247.49	-106.07	0.00041

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

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17NCRA\_SR02-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW 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	0.00740	AT (	-105.36,	-92.63,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00738	AT (	-112.43,	-99.70,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725	AT (	-119.50,	-106.77,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00714	AT (	-106.77,	-91.22,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	-113.84,	-98.29,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00703	AT (	-126.57,	-113.84,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00698	AT (	-120.92,	-105.36,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00693	AT (	-108.19,	-89.80,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690	AT (	-115.26,	-96.87,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00677	AT (	-122.33,	-103.94,	0.00,	1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00740	AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00738	AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725	AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00714	AT (	-43.13,	-27.58,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	-50.20,	-34.65,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00703	AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00698	AT (	-57.28,	-41.72,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00693	AT (	-44.55,	-26.16,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690	AT (	-51.62,	-33.23,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00677	AT (	-58.69,	-40.31,	0.00,	1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00740	AT (	21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00738	AT (	14.85,	27.58,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725	AT (	7.78,	20.51,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00714	AT (	20.51,	36.06,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	13.44,	28.99,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00703	AT (	0.71,	13.44,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00698	AT (	6.36,	21.92,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00693	AT (	19.09,	37.48,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690	AT (	12.02,	30.41,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00677	AT (	4.95,	23.33,	0.00,	1.20)	DC	NA

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

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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW 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	0.00740	AT (	85.56,	98.29,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00738	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00714	AT (	84.15,	99.70,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	77.07,	92.63,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00703	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00698	AT (	70.00,	85.56,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00693	AT (	82.73,	101.12,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690	AT (	75.66,	94.05,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00677	AT (	68.59,	86.97,	0.00,	1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00740	AT (	149.20,	161.93,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00738	AT (	142.13,	154.86,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725	AT (	135.06,	147.79,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00714	AT (	147.79,	163.34,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	140.71,	156.27,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00703	AT (	127.99,	140.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00698	AT (	133.64,	149.20,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00693	AT (	146.37,	164.76,	0.00,	1.20)	DC	NA



17NCRA_SR02-300_DPM_TRAV_ANN_NE-SW Bound									
	9TH HIGHEST VALUE IS	0.00690	AT (	139.30,	157.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00677	AT (	132.23,	150.61,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00980	AT (	57.28,	70.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00980	AT (	50.20,	62.93,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00980	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00980	AT (	43.13,	55.86,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00979	AT (	36.06,	48.79,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00979	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00979	AT (	28.99,	41.72,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00977	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00977	AT (	21.92,	34.65,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00976	AT (	85.56,	98.29,	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 NE/SW 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 7 Informational Message(s)  
 A Total of 7 Calm Hours Identified

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

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

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