

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 14:47:10

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW 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
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RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
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	-17.68	-53.03	1.2
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
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RE DISCCART	-44.55	-26.16	1.2
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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 -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 -98.99 14.14 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

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
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RE DISCCART	-55.86	-43.13	1.2
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RE DISCCART	-61.52	-37.48	1.2
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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
RE DISCCART	-35.36	-77.78	1.2
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RE DISCCART	-44.55	-68.59	1.2
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RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
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RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2



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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
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
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RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
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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
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
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RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
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RE DISCCART	-14.14	-141.42	1.2
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RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
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RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
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RE DISCCART	-49.5	-120.21	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

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
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RE DISCCART	-79.9	-103.94	1.2
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RE DISCCART	-127.28	-56.57	1.2
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RE DISCCART	-148.49	-35.36	1.2
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RE DISCCART	-77.78	-120.21	1.2
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RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	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
RE DISCCART	-94.05	-118.09	1.2
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RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
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RE DISCCART	-116.67	-95.46	1.2
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RE DISCCART	-120.21	-91.92	1.2
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RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-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
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
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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
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2

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

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



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

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-144.96	-166.17	1.2
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RE DISCCART	-147.79	-163.34	1.2
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RE DISCCART	-161.93	-149.2	1.2
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RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-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
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RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-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
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

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

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OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

14:47:10

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

-----

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\12NCRA-1.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\12NCRA-1.LST

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

GROUP ID SOURCE IDs

NCRA\_S1 NCRA\_S1 ,  
 NCRA\_S2 NCRA\_S2 ,  
 NCRA\_S3 NCRA\_S3 ,  
 NCRA\_S4 NCRA\_S4 ,  
 NCRA\_S5 NCRA\_S5 ,

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

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

12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10

\*\*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);



12NCRA\_PL92-300\_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 \*\*\*  
 04/20/08

\*\*\* 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);

12NCRA\_PL92-300\_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      \*\*\*  
 04/20/08

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 7  
 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);

12NCRA\_PL92-300\_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      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*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);

12NCRA\_PL92-300\_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 \*\*\*

04/20/08

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

14:47:10

\*\*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);

12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

12NCRA\_PL92-300\_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);

12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* 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)  
(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);

12NCRA\_PL92-300\_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 \*\*\*  
 04/20/08

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

14:47:10  
 \*\*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);



12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* 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)

( 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);

12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* 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)

```
( 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);
```

12NCRA\_PL92-300\_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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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

14:47:10  
 \*\*MODELOPTS:  
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 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);

12NCRA\_PL92-300\_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:  
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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);

12NCRA\_PL92-300\_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 \*\*\*  
04/20/08

\*\*\* 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)

```
( -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);
```

12NCRA\_PL92-300\_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      \*\*\*  
 04/20/08

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

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 \*\*MODELOPTs:  
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URBAN FLAT    FLGPOL DFAULT

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

( -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);

12NCRA\_PL92-300\_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      \*\*\*  
 04/20/08      \*\*\* 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)

( -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);



12NCRA\_PL92-300\_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 \*\*\*

04/20/08

\*\*\* 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)

( -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);

12NCRA\_PL92-300\_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 \*\*\*  
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\*\*\* 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

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



12NCRA\_PL92-300\_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)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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: 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	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00002	226.27	127.28	0.00002
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00002	219.20	120.21	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00001	190.92	148.49	0.00001
187.38	152.03	0.00001	183.85	155.56	0.00001
181.73	157.68	0.00001	180.31	159.10	0.00001
178.90	160.51	0.00001	177.48	161.93	0.00001
176.07	163.34	0.00001	163.34	176.07	0.00001
161.93	177.48	0.00001	160.51	178.90	0.00001
159.10	180.31	0.00001	157.68	181.73	0.00001
155.56	183.85	0.00001	152.03	187.38	0.00001
148.49	190.92	0.00001	141.42	197.99	0.00001
134.35	205.06	0.00001	127.28	212.13	0.00001
120.21	219.20	0.00001	113.14	226.27	0.00001
106.07	233.35	0.00001	98.99	240.42	0.00001
233.35	91.92	0.00002	226.27	98.99	0.00002
219.20	106.07	0.00002	212.13	113.14	0.00002
205.06	120.21	0.00002	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00001	176.78	148.49	0.00001
174.66	150.61	0.00001	173.24	152.03	0.00001
171.83	153.44	0.00001	170.41	154.86	0.00001
169.00	156.27	0.00001	156.27	169.00	0.00001
154.86	170.41	0.00001	153.44	171.83	0.00001
152.03	173.24	0.00001	150.61	174.66	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* 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	0.00001	144.96	180.31	0.00001
141.42	183.85	0.00001	134.35	190.92	0.00001
127.28	197.99	0.00001	120.21	205.06	0.00001
113.14	212.13	0.00001	106.07	219.20	0.00001
99.00	226.27	0.00001	91.92	233.35	0.00001
226.27	84.85	0.00002	219.20	91.92	0.00002
212.13	98.99	0.00002	205.06	106.07	0.00002
197.99	113.14	0.00002	190.92	120.21	0.00002
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00002	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00002	169.71	127.28	0.00002
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00001
134.35	162.63	0.00001	130.81	166.17	0.00001
127.28	169.71	0.00001	120.21	176.78	0.00001
113.14	183.85	0.00001	106.07	190.92	0.00001
99.00	197.99	0.00001	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00002
159.10	123.74	0.00002	155.56	127.28	0.00002

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

\*\*\* 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	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00001	123.74	159.10	0.00001
120.21	162.63	0.00001	113.14	169.71	0.00001
106.07	176.78	0.00001	98.99	183.85	0.00001
91.92	190.92	0.00001	84.85	197.99	0.00001
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00001
113.14	155.56	0.00001	106.07	162.63	0.00001
98.99	169.71	0.00001	91.92	176.78	0.00001
84.85	183.85	0.00001	77.78	190.92	0.00001
70.71	197.99	0.00001	63.64	205.06	0.00001
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00002
119.50	135.06	0.00002	118.09	136.47	0.00002
116.67	137.89	0.00002	115.26	139.30	0.00002
113.14	141.42	0.00002	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00001
91.92	162.63	0.00001	84.85	169.71	0.00001
77.78	176.78	0.00001	70.71	183.85	0.00001
63.64	190.92	0.00001	56.57	197.99	0.00001

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

12NCRA\_PL92-300\_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	0.00002	183.85	56.57	0.00002
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00001	63.64	176.78	0.00001
56.57	183.85	0.00001	49.50	190.92	0.00001
183.85	42.43	0.00003	176.78	49.50	0.00003
169.71	56.57	0.00003	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00001
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00003	155.56	56.57	0.00003
148.49	63.64	0.00003	141.42	70.71	0.00003
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10

\*\*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	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00003
141.42	56.57	0.00003	134.35	63.64	0.00003
127.28	70.71	0.00003	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00003	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00003
120.21	63.64	0.00003	113.14	70.71	0.00003
109.60	74.25	0.00003	106.07	77.78	0.00003
103.94	79.90	0.00003	102.53	81.32	0.00003
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00003	148.49	21.21	0.00003
141.42	28.28	0.00003	134.35	35.36	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	42.43	0.00003	120.21	49.50	0.00003
113.14	56.57	0.00003	106.07	63.64	0.00003
102.53	67.18	0.00003	98.99	70.71	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00003	95.46	74.25	0.00003
94.05	75.66	0.00003	92.63	77.07	0.00003
91.22	78.49	0.00003	78.49	91.22	0.00002
77.07	92.63	0.00002	75.66	94.05	0.00002
74.25	95.46	0.00002	72.83	96.87	0.00002
70.71	98.99	0.00002	67.18	102.53	0.00002
63.64	106.07	0.00002	56.57	113.14	0.00002
49.50	120.21	0.00002	42.43	127.28	0.00002
35.36	134.35	0.00002	28.28	141.42	0.00002
21.21	148.49	0.00002	14.14	155.56	0.00002
148.49	7.07	0.00004	141.42	14.14	0.00004
134.35	21.21	0.00003	127.28	28.28	0.00003
120.21	35.36	0.00003	113.14	42.43	0.00003
106.07	49.50	0.00003	98.99	56.57	0.00003
95.46	60.10	0.00003	91.92	63.64	0.00003
89.80	65.76	0.00003	88.39	67.18	0.00003
86.97	68.59	0.00003	85.56	70.00	0.00003
84.15	71.42	0.00003	71.42	84.15	0.00003
70.00	85.56	0.00002	68.59	86.97	0.00002
67.18	88.39	0.00002	65.76	89.80	0.00002
63.64	91.92	0.00002	60.10	95.46	0.00002
56.57	98.99	0.00002	49.50	106.07	0.00002
42.43	113.14	0.00002	35.36	120.21	0.00002
28.28	127.28	0.00002	21.21	134.35	0.00002
14.14	141.42	0.00002	7.07	148.49	0.00002
141.42	0.00	0.00004	134.35	7.07	0.00004
127.28	14.14	0.00004	120.21	21.21	0.00004
113.14	28.28	0.00004	106.07	35.36	0.00004
98.99	42.43	0.00003	91.92	49.50	0.00003
88.39	53.03	0.00003	84.85	56.57	0.00003
82.73	58.69	0.00003	81.32	60.10	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00003
62.93	78.49	0.00003	61.52	79.90	0.00003
60.10	81.32	0.00003	58.69	82.73	0.00003
56.57	84.85	0.00003	53.03	88.39	0.00002
49.50	91.92	0.00002	42.43	98.99	0.00002
35.36	106.07	0.00002	28.28	113.14	0.00002
21.21	120.21	0.00002	14.14	127.28	0.00002
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	-7.07	0.00004	127.28	0.00	0.00004
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00004
91.92	35.36	0.00004	84.85	42.43	0.00004
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00002	21.21	106.07	0.00002
14.14	113.14	0.00002	7.07	120.21	0.00002
0.00	127.28	0.00002	-7.07	134.35	0.00002
127.28	-14.14	0.00005	120.21	-7.07	0.00004
113.14	0.00	0.00004	106.07	7.07	0.00004
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00004
74.25	38.89	0.00004	70.71	42.43	0.00004
68.59	44.55	0.00004	67.18	45.96	0.00004
65.76	47.38	0.00004	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00002
-7.07	120.21	0.00002	-14.14	127.28	0.00002
120.21	-21.21	0.00005	113.14	-14.14	0.00005
106.07	-7.07	0.00005	98.99	0.00	0.00005
91.92	7.07	0.00005	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00004	63.64	35.36	0.00004
61.52	37.48	0.00004	60.10	38.89	0.00004
58.69	40.31	0.00004	57.28	41.72	0.00004
55.86	43.13	0.00004	43.13	55.86	0.00003
41.72	57.28	0.00003	40.31	58.69	0.00003
38.89	60.10	0.00003	37.48	61.52	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* 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	63.64	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00003	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00005	106.07	-21.21	0.00005
98.99	-14.14	0.00005	91.92	-7.07	0.00005
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00005	63.64	21.21	0.00005
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00004
34.65	50.20	0.00004	33.23	51.62	0.00004
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00003	-14.14	98.99	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00006	98.99	-28.28	0.00006
91.92	-21.21	0.00006	84.85	-14.14	0.00006
77.78	-7.07	0.00005	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00005
53.03	17.68	0.00005	49.50	21.21	0.00005
47.38	23.33	0.00005	45.96	24.75	0.00005
44.55	26.16	0.00005	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00003
0.00	70.71	0.00003	-7.07	77.78	0.00003
-14.14	84.85	0.00003	-21.21	91.92	0.00003
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00007	91.92	-35.36	0.00006
84.85	-28.28	0.00006	77.78	-21.21	0.00006
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00006	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
40.31	16.26	0.00005	38.89	17.68	0.00005
37.48	19.09	0.00005	36.06	20.51	0.00005
34.65	21.92	0.00005	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00004
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00003	-28.28	84.85	0.00003
-35.36	91.92	0.00003	-42.43	98.99	0.00003
91.92	-49.50	0.00007	84.85	-42.43	0.00007
77.78	-35.36	0.00007	70.71	-28.28	0.00007
63.64	-21.21	0.00007	56.57	-14.14	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00006
38.89	3.54	0.00006	35.36	7.07	0.00006
33.23	9.19	0.00006	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00005
13.44	28.99	0.00005	12.02	30.41	0.00005
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00004	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00004
84.85	-56.57	0.00008	77.78	-49.50	0.00008
70.71	-42.43	0.00008	63.64	-35.36	0.00007
56.57	-28.28	0.00007	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00007
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00006	24.75	3.54	0.00006
23.33	4.95	0.00006	21.92	6.36	0.00006
20.51	7.78	0.00006	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00005	2.12	26.16	0.00005
0.00	28.28	0.00005	-3.54	31.82	0.00005
-7.07	35.36	0.00005	-14.14	42.43	0.00004
-21.21	49.50	0.00004	-28.28	56.57	0.00004
-35.36	63.64	0.00004	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
77.78	-63.64	0.00010	70.71	-56.57	0.00009
63.64	-49.50	0.00009	56.57	-42.43	0.00008
49.50	-35.36	0.00008	42.43	-28.28	0.00008
35.36	-21.21	0.00008	28.28	-14.14	0.00007
24.75	-10.61	0.00007	21.21	-7.07	0.00007
19.09	-4.95	0.00007	17.68	-3.54	0.00007
16.26	-2.12	0.00007	14.85	-0.71	0.00007

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00006
-0.71	14.85	0.00006	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00005
-28.28	42.43	0.00005	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00005
-56.57	70.71	0.00005	-63.64	77.78	0.00004
70.71	-70.71	0.00011	63.64	-63.64	0.00010
56.57	-56.57	0.00010	49.50	-49.50	0.00009
42.43	-42.43	0.00009	35.36	-35.36	0.00009
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00008	14.14	-14.14	0.00008
12.02	-12.02	0.00008	10.61	-10.61	0.00008
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00006	-12.02	12.02	0.00006
-14.14	14.14	0.00006	-17.68	17.68	0.00006
-21.21	21.21	0.00006	-28.28	28.28	0.00005
-35.36	35.36	0.00005	-42.43	42.43	0.00005
-49.50	49.50	0.00005	-56.57	56.57	0.00005
-63.64	63.64	0.00005	-70.71	70.71	0.00005
63.64	-77.78	0.00013	56.57	-70.71	0.00012
49.50	-63.64	0.00011	42.43	-56.57	0.00011
35.36	-49.50	0.00010	28.28	-42.43	0.00010
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00009	7.07	-21.21	0.00009
4.95	-19.09	0.00009	3.54	-17.68	0.00008
2.12	-16.26	0.00008	0.71	-14.85	0.00008
-0.71	-13.44	0.00008	-13.44	-0.71	0.00007
-14.85	0.71	0.00007	-16.26	2.12	0.00007
-17.68	3.54	0.00007	-19.09	4.95	0.00007

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

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 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00006	-24.75	10.61	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00006	-35.36	21.21	0.00006
-42.43	28.28	0.00006	-49.50	35.36	0.00006
-56.57	42.43	0.00006	-63.64	49.50	0.00006
-70.71	56.57	0.00005	-77.78	63.64	0.00005
56.57	-84.85	0.00015	49.50	-77.78	0.00014
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00012	21.21	-49.50	0.00011
14.14	-42.43	0.00011	7.07	-35.36	0.00011
3.54	-31.82	0.00010	0.00	-28.28	0.00010
-2.12	-26.16	0.00010	-3.54	-24.75	0.00010
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00008
-21.92	-6.36	0.00008	-23.33	-4.95	0.00008
-24.75	-3.54	0.00007	-26.16	-2.12	0.00007
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00007	-42.43	14.14	0.00007
-49.50	21.21	0.00006	-56.57	28.28	0.00006
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00006	-84.85	56.57	0.00005
49.50	-91.92	0.00018	42.43	-84.85	0.00017
35.36	-77.78	0.00016	28.28	-70.71	0.00015
21.21	-63.64	0.00014	14.14	-56.57	0.00013
7.07	-49.50	0.00013	0.00	-42.43	0.00012
-3.54	-38.89	0.00012	-7.07	-35.36	0.00011
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00011	-13.44	-28.99	0.00011
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00007
-56.57	14.14	0.00007	-63.64	21.21	0.00007
-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	0.00021	35.36	-91.92	0.00020
28.28	-84.85	0.00019	21.21	-77.78	0.00018
14.14	-70.71	0.00017	7.07	-63.64	0.00016
0.00	-56.57	0.00015	-7.07	-49.50	0.00014
-10.61	-45.96	0.00014	-14.14	-42.43	0.00013

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

\*\*\* 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\_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	0.00013	-17.68	-38.89	0.00013
-19.09	-37.48	0.00013	-20.51	-36.06	0.00012
-21.92	-34.65	0.00012	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-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	0.00009	-56.57	0.00	0.00009
-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00008	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00006
35.36	-106.07	0.00026	28.28	-98.99	0.00024
21.21	-91.92	0.00023	14.14	-84.85	0.00022
7.07	-77.78	0.00020	0.00	-70.71	0.00019
-7.07	-63.64	0.00017	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00016
-23.33	-47.38	0.00015	-24.75	-45.96	0.00015
-26.16	-44.55	0.00015	-27.58	-43.13	0.00014
-28.99	-41.72	0.00014	-41.72	-28.99	0.00011
-43.13	-27.58	0.00011	-44.55	-26.16	0.00011
-45.96	-24.75	0.00011	-47.38	-23.33	0.00011
-49.50	-21.21	0.00011	-53.03	-17.68	0.00010
-56.57	-14.14	0.00010	-63.64	-7.07	0.00010
-70.71	0.00	0.00010	-77.78	7.07	0.00009
-84.85	14.14	0.00009	-91.92	21.21	0.00008
-98.99	28.28	0.00007	-106.07	35.36	0.00007
28.28	-113.14	0.00032	21.21	-106.07	0.00030
14.14	-98.99	0.00029	7.07	-91.92	0.00027
0.00	-84.85	0.00025	-7.07	-77.78	0.00023
-14.14	-70.71	0.00021	-21.21	-63.64	0.00020
-24.75	-60.10	0.00019	-28.28	-56.57	0.00018
-30.41	-54.45	0.00018	-31.82	-53.03	0.00018
-33.23	-51.62	0.00017	-34.65	-50.20	0.00017
-36.06	-48.79	0.00017	-48.79	-36.06	0.00013
-50.20	-34.65	0.00013	-51.62	-33.23	0.00013
-53.03	-31.82	0.00013	-54.45	-30.41	0.00012
-56.57	-28.28	0.00012	-60.10	-24.75	0.00012
-63.64	-21.21	0.00012	-70.71	-14.14	0.00011
-77.78	-7.07	0.00011	-84.85	0.00	0.00011
-91.92	7.07	0.00010	-98.99	14.14	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07      21.21      0.00008      -113.14      28.28      0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
04/20/08      \*\*\* 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: 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	-120.21	0.00040	14.14	-113.14	0.00038
7.07	-106.07	0.00036	0.00	-98.99	0.00034
-7.07	-91.92	0.00031	-14.14	-84.85	0.00029
-21.21	-77.78	0.00026	-28.28	-70.71	0.00024
-31.82	-67.18	0.00023	-35.36	-63.64	0.00022
-37.48	-61.52	0.00022	-38.89	-60.10	0.00021
-40.31	-58.69	0.00021	-41.72	-57.28	0.00020
-43.13	-55.86	0.00020	-55.86	-43.13	0.00016
-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	0.00014	-67.18	-31.82	0.00014
-70.71	-28.28	0.00014	-77.78	-21.21	0.00014
-84.85	-14.14	0.00013	-91.92	-7.07	0.00012
-98.99	0.00	0.00011	-106.07	7.07	0.00010
-113.14	14.14	0.00009	-120.21	21.21	0.00009
14.14	-127.28	0.00050	7.07	-120.21	0.00049
0.00	-113.14	0.00047	-7.07	-106.07	0.00044
-14.14	-98.99	0.00041	-21.21	-91.92	0.00038
-28.28	-84.85	0.00034	-35.36	-77.78	0.00030
-38.89	-74.25	0.00029	-42.43	-70.71	0.00028
-44.55	-68.59	0.00027	-45.96	-67.18	0.00026
-47.38	-65.76	0.00026	-48.79	-64.35	0.00025
-50.20	-62.93	0.00024	-62.93	-50.20	0.00019
-64.35	-48.79	0.00018	-65.76	-47.38	0.00018
-67.18	-45.96	0.00018	-68.59	-44.55	0.00018
-70.71	-42.43	0.00017	-74.25	-38.89	0.00017
-77.78	-35.36	0.00017	-84.85	-28.28	0.00016
-91.92	-21.21	0.00015	-98.99	-14.14	0.00013
-106.07	-7.07	0.00012	-113.14	0.00	0.00011
-120.21	7.07	0.00011	-127.28	14.14	0.00010
7.07	-134.35	0.00065	0.00	-127.28	0.00064
-7.07	-120.21	0.00062	-14.14	-113.14	0.00059
-21.21	-106.07	0.00056	-28.28	-98.99	0.00051

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00046	-42.43	-84.85	0.00040
-45.96	-81.32	0.00037	-49.50	-77.78	0.00035
-51.62	-75.66	0.00034	-53.03	-74.25	0.00033
-54.45	-72.83	0.00032	-55.86	-71.42	0.00031
-57.28	-70.00	0.00031	-70.00	-57.28	0.00023
-71.42	-55.86	0.00022	-72.83	-54.45	0.00022
-74.25	-53.03	0.00022	-75.66	-51.62	0.00021

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00021	-81.32	-45.96	0.00021
-84.85	-42.43	0.00020	-91.92	-35.36	0.00019
-98.99	-28.28	0.00017	-106.07	-21.21	0.00016
-113.14	-14.14	0.00014	-120.21	-7.07	0.00013
-127.28	0.00	0.00012	-134.35	7.07	0.00012
0.00	-141.42	0.00083	-7.07	-134.35	0.00084
-14.14	-127.28	0.00084	-21.21	-120.21	0.00082
-28.28	-113.14	0.00078	-35.36	-106.07	0.00073
-42.43	-98.99	0.00065	-49.50	-91.92	0.00056
-53.03	-88.39	0.00052	-56.57	-84.85	0.00047
-58.69	-82.73	0.00045	-60.10	-81.32	0.00044
-61.52	-79.90	0.00042	-62.93	-78.49	0.00041
-64.35	-77.07	0.00040	-77.07	-64.35	0.00029
-78.49	-62.93	0.00028	-79.90	-61.52	0.00027
-81.32	-60.10	0.00027	-82.73	-58.69	0.00027
-84.85	-56.57	0.00026	-88.39	-53.03	0.00026
-91.92	-49.50	0.00025	-98.99	-42.43	0.00022
-106.07	-35.36	0.00020	-113.14	-28.28	0.00019
-120.21	-21.21	0.00017	-127.28	-14.14	0.00016
-134.35	-7.07	0.00015	-141.42	0.00	0.00014
-7.07	-148.49	0.00104	-14.14	-141.42	0.00109
-21.21	-134.35	0.00113	-28.28	-127.28	0.00115
-35.36	-120.21	0.00114	-42.43	-113.14	0.00109
-49.50	-106.07	0.00100	-56.57	-98.99	0.00086
-60.10	-95.46	0.00078	-63.64	-91.92	0.00070
-65.76	-89.80	0.00065	-67.18	-88.39	0.00062
-68.59	-86.97	0.00059	-70.00	-85.56	0.00056

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00054	-84.15	-71.42	0.00037
-85.56	-70.00	0.00036	-86.97	-68.59	0.00035
-88.39	-67.18	0.00035	-89.80	-65.76	0.00034
-91.92	-63.64	0.00034	-95.46	-60.10	0.00032
-98.99	-56.57	0.00030	-106.07	-49.50	0.00028
-113.14	-42.43	0.00026	-120.21	-35.36	0.00024
-127.28	-28.28	0.00022	-134.35	-21.21	0.00020
-141.42	-14.14	0.00019	-148.49	-7.07	0.00017
-14.14	-155.56	0.00128	-21.21	-148.49	0.00137
-28.28	-141.42	0.00147	-35.36	-134.35	0.00156
-42.43	-127.28	0.00163	-49.50	-120.21	0.00166
-56.57	-113.14	0.00163	-63.64	-106.07	0.00148
-67.18	-102.53	0.00136	-70.71	-98.99	0.00120

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: 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	0.00110	-74.25	-95.46	0.00103
-75.66	-94.05	0.00095	-77.07	-92.63	0.00088
-78.49	-91.22	0.00082	-91.22	-78.49	0.00049
-92.63	-77.07	0.00048	-94.05	-75.66	0.00047
-95.46	-74.25	0.00046	-96.87	-72.83	0.00045
-98.99	-70.71	0.00044	-102.53	-67.18	0.00042
-106.07	-63.64	0.00041	-113.14	-56.57	0.00037
-120.21	-49.50	0.00034	-127.28	-42.43	0.00031
-134.35	-35.36	0.00028	-141.42	-28.28	0.00026
-148.49	-21.21	0.00024	-155.56	-14.14	0.00022
-21.21	-162.63	0.00153	-28.28	-155.56	0.00168
-35.36	-148.49	0.00184	-42.43	-141.42	0.00202
-49.50	-134.35	0.00221	-56.57	-127.28	0.00240
-63.64	-120.21	0.00256	-70.71	-113.14	0.00263
-74.25	-109.60	0.00260	-77.78	-106.07	0.00249
-79.90	-103.94	0.00236	-81.32	-102.53	0.00224
-82.73	-101.12	0.00210	-84.15	-99.70	0.00193
-85.56	-98.29	0.00172	-98.29	-85.56	0.00071
-99.70	-84.15	0.00070	-101.12	-82.73	0.00070
-102.53	-81.32	0.00069	-103.94	-79.90	0.00068
-106.07	-77.78	0.00067	-109.60	-74.25	0.00064

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00061	-120.21	-63.64	0.00055
-127.28	-56.57	0.00049	-134.35	-49.50	0.00043
-141.42	-42.43	0.00038	-148.49	-35.36	0.00034
-155.56	-28.28	0.00031	-162.63	-21.21	0.00028
-28.28	-169.71	0.00176	-35.36	-162.63	0.00197
-42.43	-155.56	0.00220	-49.50	-148.49	0.00247
-56.57	-141.42	0.00279	-63.64	-134.35	0.00314
-70.71	-127.28	0.00352	-77.78	-120.21	0.00389
-81.32	-116.67	0.00405	-84.85	-113.14	0.00415
-86.97	-111.02	0.00418	-88.39	-109.60	0.00418
-89.80	-108.19	0.00417	-91.22	-106.77	0.00416
-92.63	-105.36	0.00414	-105.36	-92.63	0.00146
-106.77	-91.22	0.00139	-108.19	-89.80	0.00134
-109.60	-88.39	0.00129	-111.02	-86.97	0.00125
-113.14	-84.85	0.00118	-116.67	-81.32	0.00109
-120.21	-77.78	0.00099	-127.28	-70.71	0.00083
-134.35	-63.64	0.00070	-141.42	-56.57	0.00059
-148.49	-49.50	0.00051	-155.56	-42.43	0.00045
-162.63	-35.36	0.00039	-169.71	-28.28	0.00035

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\_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	0.00195	-42.43	-169.71	0.00220
-49.50	-162.63	0.00249	-56.57	-155.56	0.00283
-63.64	-148.49	0.00323	-70.71	-141.42	0.00368
-77.78	-134.35	0.00417	-84.85	-127.28	0.00461
-88.39	-123.74	0.00477	-91.92	-120.21	0.00485
-94.05	-118.09	0.00483	-95.46	-116.67	0.00480
-96.87	-115.26	0.00474	-98.29	-113.84	0.00467
-99.70	-112.43	0.00460	-112.43	-99.70	0.00183
-113.84	-98.29	0.00178	-115.26	-96.87	0.00173
-116.67	-95.46	0.00169	-118.09	-94.05	0.00164
-120.21	-91.92	0.00158	-123.74	-88.39	0.00146
-127.28	-84.85	0.00134	-134.35	-77.78	0.00111
-141.42	-70.71	0.00092	-148.49	-63.64	0.00077
-155.56	-56.57	0.00065	-162.63	-49.50	0.00056
-169.71	-42.43	0.00049	-176.78	-35.36	0.00042

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00208	-49.50	-176.78	0.00236
-56.57	-169.71	0.00269	-63.64	-162.63	0.00308
-70.71	-155.56	0.00352	-77.78	-148.49	0.00401
-84.85	-141.42	0.00451	-91.92	-134.35	0.00493
-95.46	-130.81	0.00506	-98.99	-127.28	0.00510
-101.12	-125.16	0.00507	-102.53	-123.74	0.00502
-103.94	-122.33	0.00494	-105.36	-120.92	0.00486
-106.77	-119.50	0.00479	-119.50	-106.77	0.00201
-120.92	-105.36	0.00196	-122.33	-103.94	0.00192
-123.74	-102.53	0.00189	-125.16	-101.12	0.00186
-127.28	-98.99	0.00180	-130.81	-95.46	0.00168
-134.35	-91.92	0.00155	-141.42	-84.85	0.00130
-148.49	-77.78	0.00109	-155.56	-70.71	0.00092
-162.63	-63.64	0.00078	-169.71	-56.57	0.00066
-176.78	-49.50	0.00057	-183.85	-42.43	0.00049
-49.50	-190.92	0.00214	-56.57	-183.85	0.00244
-63.64	-176.78	0.00279	-70.71	-169.71	0.00320
-77.78	-162.63	0.00366	-84.85	-155.56	0.00416
-91.92	-148.49	0.00466	-98.99	-141.42	0.00508
-102.53	-137.89	0.00520	-106.07	-134.35	0.00522
-108.19	-132.23	0.00518	-109.60	-130.81	0.00513
-111.02	-129.40	0.00507	-112.43	-127.99	0.00499
-113.84	-126.57	0.00491	-126.57	-113.84	0.00212
-127.99	-112.43	0.00207	-129.40	-111.02	0.00204
-130.81	-109.60	0.00201	-132.23	-108.19	0.00198

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

\*\*\* 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	0.00193	-137.89	-102.53	0.00182
-141.42	-98.99	0.00170	-148.49	-91.92	0.00144
-155.56	-84.85	0.00121	-162.63	-77.78	0.00103
-169.71	-70.71	0.00087	-176.78	-63.64	0.00074
-183.85	-56.57	0.00064	-190.92	-49.50	0.00055
-56.57	-197.99	0.00212	-63.64	-190.92	0.00243
-70.71	-183.85	0.00279	-77.78	-176.78	0.00320
-84.85	-169.71	0.00367	-91.92	-162.63	0.00418
-98.99	-155.56	0.00469	-106.07	-148.49	0.00511

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00524	-113.14	-141.42	0.00527
-115.26	-139.30	0.00524	-116.67	-137.89	0.00519
-118.09	-136.47	0.00513	-119.50	-135.06	0.00505
-120.92	-133.64	0.00496	-133.64	-120.92	0.00219
-135.06	-119.50	0.00214	-136.47	-118.09	0.00211
-137.89	-116.67	0.00208	-139.30	-115.26	0.00205
-141.42	-113.14	0.00200	-144.96	-109.60	0.00190
-148.49	-106.07	0.00178	-155.56	-98.99	0.00154
-162.63	-91.92	0.00130	-169.71	-84.85	0.00110
-176.78	-77.78	0.00094	-183.85	-70.71	0.00080
-190.92	-63.64	0.00069	-197.99	-56.57	0.00060
-63.64	-205.06	0.00203	-70.71	-197.99	0.00233
-77.78	-190.92	0.00267	-84.85	-183.85	0.00308
-91.92	-176.78	0.00355	-98.99	-169.71	0.00407
-106.07	-162.63	0.00460	-113.14	-155.56	0.00505
-116.67	-152.03	0.00520	-120.21	-148.49	0.00525
-122.33	-146.37	0.00523	-123.74	-144.96	0.00519
-125.16	-143.54	0.00512	-126.57	-142.13	0.00505
-127.99	-140.71	0.00496	-140.71	-127.99	0.00221
-142.13	-126.57	0.00217	-143.54	-125.16	0.00214
-144.96	-123.74	0.00212	-146.37	-122.33	0.00209
-148.49	-120.21	0.00204	-152.03	-116.67	0.00194
-155.56	-113.14	0.00183	-162.63	-106.07	0.00159
-169.71	-98.99	0.00136	-176.78	-91.92	0.00115
-183.85	-84.85	0.00098	-190.92	-77.78	0.00084
-197.99	-70.71	0.00072	-205.06	-63.64	0.00063
-70.71	-212.13	0.00188	-77.78	-205.06	0.00214
-84.85	-197.99	0.00246	-91.92	-190.92	0.00283
-98.99	-183.85	0.00327	-106.07	-176.78	0.00378
-113.14	-169.71	0.00432	-120.21	-162.63	0.00482
-123.74	-159.10	0.00500	-127.28	-155.56	0.00510

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-129.40	-153.44	0.00511	-130.81	-152.03	0.00508
-132.23	-150.61	0.00503	-133.64	-149.20	0.00496
-135.06	-147.79	0.00489	-147.79	-135.06	0.00220

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00216	-150.61	-132.23	0.00213
-152.03	-130.81	0.00210	-153.44	-129.40	0.00208
-155.56	-127.28	0.00203	-159.10	-123.74	0.00194
-162.63	-120.21	0.00184	-169.71	-113.14	0.00161
-176.78	-106.07	0.00138	-183.85	-98.99	0.00117
-190.92	-91.92	0.00100	-197.99	-84.85	0.00085
-205.06	-77.78	0.00074	-212.13	-70.71	0.00064
-77.78	-219.20	0.00168	-84.85	-212.13	0.00190
-91.92	-205.06	0.00216	-98.99	-197.99	0.00246
-106.07	-190.92	0.00283	-113.14	-183.85	0.00325
-120.21	-176.78	0.00374	-127.28	-169.71	0.00425
-130.81	-166.17	0.00449	-134.35	-162.63	0.00466
-136.47	-160.51	0.00472	-137.89	-159.10	0.00473
-139.30	-157.68	0.00472	-140.71	-156.27	0.00469
-142.13	-154.86	0.00466	-154.86	-142.13	0.00212
-156.27	-140.71	0.00208	-157.68	-139.30	0.00206
-159.10	-137.89	0.00204	-160.51	-136.47	0.00202
-162.63	-134.35	0.00198	-166.17	-130.81	0.00189
-169.71	-127.28	0.00178	-176.78	-120.21	0.00156
-183.85	-113.14	0.00134	-190.92	-106.07	0.00115
-197.99	-98.99	0.00098	-205.06	-91.92	0.00084
-212.13	-84.85	0.00073	-219.20	-77.78	0.00063
-84.85	-226.27	0.00145	-91.92	-219.20	0.00161
-98.99	-212.13	0.00180	-106.07	-205.06	0.00202
-113.14	-197.99	0.00227	-120.21	-190.92	0.00254
-127.28	-183.85	0.00284	-134.35	-176.78	0.00314
-137.89	-173.24	0.00328	-141.42	-169.71	0.00342
-143.54	-167.58	0.00350	-144.96	-166.17	0.00355
-146.37	-164.76	0.00362	-147.79	-163.34	0.00369
-149.20	-161.93	0.00379	-161.93	-149.20	0.00194
-163.34	-147.79	0.00190	-164.76	-146.37	0.00187
-166.17	-144.96	0.00185	-167.58	-143.54	0.00182
-169.71	-141.42	0.00178	-173.24	-137.89	0.00171
-176.78	-134.35	0.00161	-183.85	-127.28	0.00142
-190.92	-120.21	0.00124	-197.99	-113.14	0.00107
-205.06	-106.07	0.00092	-212.13	-98.99	0.00080
-219.20	-91.92	0.00069	-226.27	-84.85	0.00061

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

\*\*\* 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 ,



12NCRA\_PL92-300\_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	0.00121	-98.99	-226.27	0.00132
-106.07	-219.20	0.00144	-113.14	-212.13	0.00157
-120.21	-205.06	0.00170	-127.28	-197.99	0.00181
-134.35	-190.92	0.00190	-141.42	-183.85	0.00190
-144.96	-180.31	0.00186	-148.49	-176.78	0.00177
-150.61	-174.66	0.00169	-152.03	-173.24	0.00163
-153.44	-171.83	0.00156	-154.86	-170.41	0.00149
-156.27	-169.00	0.00141	-169.00	-156.27	0.00121
-170.41	-154.86	0.00123	-171.83	-153.44	0.00125
-173.24	-152.03	0.00127	-174.66	-150.61	0.00128
-176.78	-148.49	0.00129	-180.31	-144.96	0.00129
-183.85	-141.42	0.00126	-190.92	-134.35	0.00117
-197.99	-127.28	0.00105	-205.06	-120.21	0.00093
-212.13	-113.14	0.00082	-219.20	-106.07	0.00072
-226.27	-98.99	0.00064	-233.35	-91.92	0.00056
-98.99	-240.42	0.00099	-106.07	-233.35	0.00106
-113.14	-226.27	0.00113	-120.21	-219.20	0.00119
-127.28	-212.13	0.00124	-134.35	-205.06	0.00126
-141.42	-197.99	0.00125	-148.49	-190.92	0.00119
-152.03	-187.38	0.00114	-155.56	-183.85	0.00108
-157.68	-181.73	0.00104	-159.10	-180.31	0.00102
-160.51	-178.90	0.00100	-161.93	-177.48	0.00098
-163.34	-176.07	0.00095	-176.07	-163.34	0.00084
-177.48	-161.93	0.00086	-178.90	-160.51	0.00087
-180.31	-159.10	0.00089	-181.73	-157.68	0.00090
-183.85	-155.56	0.00092	-187.38	-152.03	0.00094
-190.92	-148.49	0.00094	-197.99	-141.42	0.00090
-205.06	-134.35	0.00085	-212.13	-127.28	0.00078
-219.20	-120.21	0.00070	-226.27	-113.14	0.00063
-233.35	-106.07	0.00057	-240.42	-98.99	0.00051
-106.07	-247.49	0.00080	-113.14	-240.42	0.00084
-120.21	-233.35	0.00087	-127.28	-226.27	0.00090
-134.35	-219.20	0.00091	-141.42	-212.13	0.00090
-148.49	-205.06	0.00088	-155.56	-197.99	0.00085
-159.10	-194.45	0.00083	-162.63	-190.92	0.00081
-164.76	-188.80	0.00080	-166.17	-187.38	0.00079
-167.58	-185.97	0.00078	-169.00	-184.55	0.00077
-170.41	-183.14	0.00075	-183.14	-170.41	0.00067
-184.55	-169.00	0.00067	-185.97	-167.58	0.00068
-187.38	-166.17	0.00068	-188.80	-164.76	0.00069

04/20/08

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* 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
-190.92	-162.63	0.00070	-194.45	-159.10	0.00071
-197.99	-155.56	0.00072	-205.06	-148.49	0.00072
-212.13	-141.42	0.00068	-219.20	-134.35	0.00064
-226.27	-127.28	0.00059	-233.35	-120.21	0.00055
-240.42	-113.14	0.00050	-247.49	-106.07	0.00045

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

\*\*\* 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
247.49	106.07	0.00003	240.42	113.14	0.00003
233.35	120.21	0.00003	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00001
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00003	219.20	120.21	0.00003
212.13	127.28	0.00003	205.06	134.35	0.00003
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00003
205.06	120.21	0.00003	197.99	127.28	0.00003
190.92	134.35	0.00003	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

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

14:47:10  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00003	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00003	176.78	134.35	0.00003
173.24	137.89	0.00003	169.71	141.42	0.00003
167.58	143.54	0.00003	166.17	144.96	0.00003
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00003	212.13	84.85	0.00003
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00003
166.17	130.81	0.00003	162.63	134.35	0.00003
160.51	136.47	0.00003	159.10	137.89	0.00003
157.68	139.30	0.00003	156.27	140.71	0.00003
154.86	142.13	0.00003	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00002
137.89	159.10	0.00002	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00003	190.92	91.92	0.00003
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00003

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

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

14:47:10

\*\*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	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00003
147.79	135.06	0.00003	135.06	147.79	0.00003
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00004	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00004
176.78	91.92	0.00004	169.71	98.99	0.00004
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00003
126.57	142.13	0.00003	125.16	143.54	0.00003
123.74	144.96	0.00003	122.33	146.37	0.00003
120.21	148.49	0.00003	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00004	190.92	63.64	0.00004
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00004
155.56	98.99	0.00004	148.49	106.07	0.00004
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
190.92	49.50	0.00005	183.85	56.57	0.00004
176.78	63.64	0.00004	169.71	70.71	0.00004

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00004
137.89	102.53	0.00004	134.35	106.07	0.00004
132.23	108.19	0.00004	130.81	109.60	0.00004
129.40	111.02	0.00004	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00005	176.78	49.50	0.00005
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00004
125.16	101.12	0.00004	123.74	102.53	0.00004
122.33	103.94	0.00004	120.92	105.36	0.00004
119.50	106.77	0.00004	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00003	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00005	169.71	42.43	0.00005
162.63	49.50	0.00005	155.56	56.57	0.00005
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00005	127.28	84.85	0.00005
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00004
98.29	113.84	0.00004	96.87	115.26	0.00004
95.46	116.67	0.00003	94.05	118.09	0.00003

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

\*\*\* 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  
 \*\*\*

12NCRA PL92-300 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	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00006	162.63	35.36	0.00006	
155.56	42.43	0.00006	148.49	49.50	0.00006	
141.42	56.57	0.00005	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00005	
116.67	81.32	0.00005	113.14	84.85	0.00005	
111.02	86.97	0.00005	109.60	88.39	0.00005	
108.19	89.80	0.00005	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00003	
63.64	134.35	0.00003	56.57	141.42	0.00003	
49.50	148.49	0.00003	42.43	155.56	0.00003	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00007	155.56	28.28	0.00006	
148.49	35.36	0.00006	141.42	42.43	0.00006	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00006	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00005	102.53	81.32	0.00005	
101.12	82.73	0.00005	99.70	84.15	0.00005	
98.29	85.56	0.00005	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00004	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00003	35.36	148.49	0.00003	
28.28	155.56	0.00003	21.21	162.63	0.00003	
155.56	14.14	0.00007	148.49	21.21	0.00007	
141.42	28.28	0.00007	134.35	35.36	0.00007	
127.28	42.43	0.00007	120.21	49.50	0.00006	
113.14	56.57	0.00006	106.07	63.64	0.00006	
102.53	67.18	0.00006	98.99	70.71	0.00006	

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

\*\*\* 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\_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	0.00006	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00005
77.07	92.63	0.00005	75.66	94.05	0.00005
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00004	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00004
148.49	7.07	0.00008	141.42	14.14	0.00008
134.35	21.21	0.00008	127.28	28.28	0.00007
120.21	35.36	0.00007	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00007
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00006	88.39	67.18	0.00006
86.97	68.59	0.00006	85.56	70.00	0.00006
84.15	71.42	0.00006	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00005	65.76	89.80	0.00005
63.64	91.92	0.00005	60.10	95.46	0.00005
56.57	98.99	0.00005	49.50	106.07	0.00004
42.43	113.14	0.00004	35.36	120.21	0.00004
28.28	127.28	0.00004	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00010	134.35	7.07	0.00009
127.28	14.14	0.00009	120.21	21.21	0.00008
113.14	28.28	0.00008	106.07	35.36	0.00008
98.99	42.43	0.00008	91.92	49.50	0.00007
88.39	53.03	0.00007	84.85	56.57	0.00007
82.73	58.69	0.00007	81.32	60.10	0.00007
79.90	61.52	0.00007	78.49	62.93	0.00007
77.07	64.35	0.00006	64.35	77.07	0.00006
62.93	78.49	0.00006	61.52	79.90	0.00005



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00005
35.36	106.07	0.00005	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00005
7.07	134.35	0.00005	0.00	141.42	0.00004

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

\*\*\* 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	0.00011	127.28	0.00	0.00010
120.21	7.07	0.00010	113.14	14.14	0.00009
106.07	21.21	0.00009	98.99	28.28	0.00009
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00008	77.78	49.50	0.00008
75.66	51.62	0.00008	74.25	53.03	0.00008
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00006	51.62	75.66	0.00006
49.50	77.78	0.00006	45.96	81.32	0.00006
42.43	84.85	0.00006	35.36	91.92	0.00005
28.28	98.99	0.00005	21.21	106.07	0.00005
14.14	113.14	0.00005	7.07	120.21	0.00005
0.00	127.28	0.00005	-7.07	134.35	0.00005
127.28	-14.14	0.00013	120.21	-7.07	0.00012
113.14	0.00	0.00011	106.07	7.07	0.00011
98.99	14.14	0.00010	91.92	21.21	0.00010
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00009	70.71	42.43	0.00009
68.59	44.55	0.00009	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00008
62.93	50.20	0.00008	50.20	62.93	0.00007
48.79	64.35	0.00007	47.38	65.76	0.00007
45.96	67.18	0.00007	44.55	68.59	0.00007
42.43	70.71	0.00006	38.89	74.25	0.00006
35.36	77.78	0.00006	28.28	84.85	0.00006
21.21	91.92	0.00006	14.14	98.99	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00006	0.00	113.14	0.00006
-7.07	120.21	0.00005	-14.14	127.28	0.00005
120.21	-21.21	0.00015	113.14	-14.14	0.00014
106.07	-7.07	0.00013	98.99	0.00	0.00013
91.92	7.07	0.00012	84.85	14.14	0.00011
77.78	21.21	0.00011	70.71	28.28	0.00011
67.18	31.82	0.00010	63.64	35.36	0.00010
61.52	37.48	0.00010	60.10	38.89	0.00010
58.69	40.31	0.00009	57.28	41.72	0.00009
55.86	43.13	0.00009	43.13	55.86	0.00008
41.72	57.28	0.00008	40.31	58.69	0.00008
38.89	60.10	0.00007	37.48	61.52	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
35.36	63.64	0.00007	31.82	67.18	0.00007
28.28	70.71	0.00007	21.21	77.78	0.00007
14.14	84.85	0.00006	7.07	91.92	0.00006
0.00	98.99	0.00006	-7.07	106.07	0.00006
-14.14	113.14	0.00006	-21.21	120.21	0.00005
113.14	-28.28	0.00018	106.07	-21.21	0.00017
98.99	-14.14	0.00016	91.92	-7.07	0.00015
84.85	0.00	0.00014	77.78	7.07	0.00013
70.71	14.14	0.00013	63.64	21.21	0.00012
60.10	24.75	0.00012	56.57	28.28	0.00011
54.45	30.41	0.00011	53.03	31.82	0.00011
51.62	33.23	0.00011	50.20	34.65	0.00011
48.79	36.06	0.00010	36.06	48.79	0.00009
34.65	50.20	0.00009	33.23	51.62	0.00008
31.82	53.03	0.00008	30.41	54.45	0.00008
28.28	56.57	0.00008	24.75	60.10	0.00008
21.21	63.64	0.00008	14.14	70.71	0.00007
7.07	77.78	0.00007	0.00	84.85	0.00007
-7.07	91.92	0.00007	-14.14	98.99	0.00007
-21.21	106.07	0.00006	-28.28	113.14	0.00006
106.07	-35.36	0.00021	98.99	-28.28	0.00020
91.92	-21.21	0.00019	84.85	-14.14	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00017	70.71	0.00	0.00016
63.64	7.07	0.00015	56.57	14.14	0.00014
53.03	17.68	0.00014	49.50	21.21	0.00013
47.38	23.33	0.00013	45.96	24.75	0.00013
44.55	26.16	0.00013	43.13	27.58	0.00012
41.72	28.99	0.00012	28.99	41.72	0.00010
27.58	43.13	0.00010	26.16	44.55	0.00010
24.75	45.96	0.00009	23.33	47.38	0.00009
21.21	49.50	0.00009	17.68	53.03	0.00009
14.14	56.57	0.00009	7.07	63.64	0.00009
0.00	70.71	0.00008	-7.07	77.78	0.00008
-14.14	84.85	0.00008	-21.21	91.92	0.00007
-28.28	98.99	0.00007	-35.36	106.07	0.00006
98.99	-42.43	0.00026	91.92	-35.36	0.00024
84.85	-28.28	0.00023	77.78	-21.21	0.00022
70.71	-14.14	0.00020	63.64	-7.07	0.00019
56.57	0.00	0.00017	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00016

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

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

14:47:10  
 \*\*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	0.00015	38.89	17.68	0.00015
37.48	19.09	0.00015	36.06	20.51	0.00014
34.65	21.92	0.00014	21.92	34.65	0.00011
20.51	36.06	0.00011	19.09	37.48	0.00011
17.68	38.89	0.00011	16.26	40.31	0.00011
14.14	42.43	0.00011	10.61	45.96	0.00010
7.07	49.50	0.00010	0.00	56.57	0.00010
-7.07	63.64	0.00010	-14.14	70.71	0.00009
-21.21	77.78	0.00009	-28.28	84.85	0.00008
-35.36	91.92	0.00007	-42.43	98.99	0.00007
91.92	-49.50	0.00032	84.85	-42.43	0.00030
77.78	-35.36	0.00029	70.71	-28.28	0.00027
63.64	-21.21	0.00025	56.57	-14.14	0.00023
49.50	-7.07	0.00021	42.43	0.00	0.00020
38.89	3.54	0.00019	35.36	7.07	0.00018
33.23	9.19	0.00018	31.82	10.61	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00017	28.99	13.44	0.00017
27.58	14.85	0.00017	14.85	27.58	0.00013
13.44	28.99	0.00013	12.02	30.41	0.00013
10.61	31.82	0.00013	9.19	33.23	0.00012
7.07	35.36	0.00012	3.54	38.89	0.00012
0.00	42.43	0.00012	-7.07	49.50	0.00011
-14.14	56.57	0.00011	-21.21	63.64	0.00011
-28.28	70.71	0.00010	-35.36	77.78	0.00009
-42.43	84.85	0.00008	-49.50	91.92	0.00008
84.85	-56.57	0.00040	77.78	-49.50	0.00038
70.71	-42.43	0.00036	63.64	-35.36	0.00034
56.57	-28.28	0.00031	49.50	-21.21	0.00029
42.43	-14.14	0.00026	35.36	-7.07	0.00024
31.82	-3.54	0.00023	28.28	0.00	0.00022
26.16	2.12	0.00022	24.75	3.54	0.00021
23.33	4.95	0.00021	21.92	6.36	0.00020
20.51	7.78	0.00020	7.78	20.51	0.00016
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	0.00014	-3.54	31.82	0.00014
-7.07	35.36	0.00014	-14.14	42.43	0.00014
-21.21	49.50	0.00013	-28.28	56.57	0.00012
-35.36	63.64	0.00011	-42.43	70.71	0.00010
-49.50	77.78	0.00009	-56.57	84.85	0.00009

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00050	70.71	-56.57	0.00049
63.64	-49.50	0.00047	56.57	-42.43	0.00044
49.50	-35.36	0.00041	42.43	-28.28	0.00038
35.36	-21.21	0.00034	28.28	-14.14	0.00030
24.75	-10.61	0.00029	21.21	-7.07	0.00028
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00026	14.85	-0.71	0.00025
13.44	0.71	0.00024	0.71	13.44	0.00019
-0.71	14.85	0.00018	-2.12	16.26	0.00018
-3.54	17.68	0.00018	-4.95	19.09	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00017	-10.61	24.75	0.00017
-14.14	28.28	0.00017	-21.21	35.36	0.00016
-28.28	42.43	0.00015	-35.36	49.50	0.00013
-42.43	56.57	0.00012	-49.50	63.64	0.00011
-56.57	70.71	0.00011	-63.64	77.78	0.00010
70.71	-70.71	0.00065	63.64	-63.64	0.00064
56.57	-56.57	0.00062	49.50	-49.50	0.00059
42.43	-42.43	0.00056	35.36	-35.36	0.00051
28.28	-28.28	0.00046	21.21	-21.21	0.00040
17.68	-17.68	0.00037	14.14	-14.14	0.00035
12.02	-12.02	0.00034	10.61	-10.61	0.00033
9.19	-9.19	0.00032	7.78	-7.78	0.00031
6.36	-6.36	0.00031	-6.36	6.36	0.00023
-7.78	7.78	0.00022	-9.19	9.19	0.00022
-10.61	10.61	0.00022	-12.02	12.02	0.00021
-14.14	14.14	0.00021	-17.68	17.68	0.00021
-21.21	21.21	0.00020	-28.28	28.28	0.00019
-35.36	35.36	0.00017	-42.43	42.43	0.00016
-49.50	49.50	0.00014	-56.57	56.57	0.00013
-63.64	63.64	0.00012	-70.71	70.71	0.00012
63.64	-77.78	0.00083	56.57	-70.71	0.00084
49.50	-63.64	0.00084	42.43	-56.57	0.00082
35.36	-49.50	0.00078	28.28	-42.43	0.00073
21.21	-35.36	0.00065	14.14	-28.28	0.00056
10.61	-24.75	0.00052	7.07	-21.21	0.00047
4.95	-19.09	0.00045	3.54	-17.68	0.00044
2.12	-16.26	0.00042	0.71	-14.85	0.00041
-0.71	-13.44	0.00040	-13.44	-0.71	0.00029
-14.85	0.71	0.00028	-16.26	2.12	0.00027
-17.68	3.54	0.00027	-19.09	4.95	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-21.21	7.07	0.00026	-24.75	10.61	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00022
-42.43	28.28	0.00020	-49.50	35.36	0.00019
-56.57	42.43	0.00017	-63.64	49.50	0.00016

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00015	-77.78	63.64	0.00014
56.57	-84.85	0.00104	49.50	-77.78	0.00109
42.43	-70.71	0.00113	35.36	-63.64	0.00115
28.28	-56.57	0.00114	21.21	-49.50	0.00109
14.14	-42.43	0.00100	7.07	-35.36	0.00086
3.54	-31.82	0.00078	0.00	-28.28	0.00070
-2.12	-26.16	0.00065	-3.54	-24.75	0.00062
-4.95	-23.33	0.00059	-6.36	-21.92	0.00056
-7.78	-20.51	0.00054	-20.51	-7.78	0.00037
-21.92	-6.36	0.00036	-23.33	-4.95	0.00035
-24.75	-3.54	0.00035	-26.16	-2.12	0.00034
-28.28	0.00	0.00034	-31.82	3.54	0.00032
-35.36	7.07	0.00030	-42.43	14.14	0.00028
-49.50	21.21	0.00026	-56.57	28.28	0.00024
-63.64	35.36	0.00022	-70.71	42.43	0.00020
-77.78	49.50	0.00019	-84.85	56.57	0.00017
49.50	-91.92	0.00128	42.43	-84.85	0.00137
35.36	-77.78	0.00147	28.28	-70.71	0.00156
21.21	-63.64	0.00163	14.14	-56.57	0.00166
7.07	-49.50	0.00163	0.00	-42.43	0.00148
-3.54	-38.89	0.00136	-7.07	-35.36	0.00120
-9.19	-33.23	0.00110	-10.61	-31.82	0.00103
-12.02	-30.41	0.00095	-13.44	-28.99	0.00088
-14.85	-27.58	0.00082	-27.58	-14.85	0.00049
-28.99	-13.44	0.00048	-30.41	-12.02	0.00047
-31.82	-10.61	0.00046	-33.23	-9.19	0.00045
-35.36	-7.07	0.00044	-38.89	-3.54	0.00042
-42.43	0.00	0.00041	-49.50	7.07	0.00037
-56.57	14.14	0.00034	-63.64	21.21	0.00031
-70.71	28.28	0.00028	-77.78	35.36	0.00026
-84.85	42.43	0.00024	-91.92	49.50	0.00022
42.43	-98.99	0.00153	35.36	-91.92	0.00168
28.28	-84.85	0.00184	21.21	-77.78	0.00202
14.14	-70.71	0.00221	7.07	-63.64	0.00240
0.00	-56.57	0.00256	-7.07	-49.50	0.00263
-10.61	-45.96	0.00260	-14.14	-42.43	0.00249

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

12NCRA\_PL92-300\_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	0.00236	-17.68	-38.89	0.00224
-19.09	-37.48	0.00210	-20.51	-36.06	0.00193
-21.92	-34.65	0.00172	-34.65	-21.92	0.00071
-36.06	-20.51	0.00070	-37.48	-19.09	0.00070
-38.89	-17.68	0.00069	-40.31	-16.26	0.00068
-42.43	-14.14	0.00067	-45.96	-10.61	0.00064
-49.50	-7.07	0.00061	-56.57	0.00	0.00055
-63.64	7.07	0.00049	-70.71	14.14	0.00043
-77.78	21.21	0.00038	-84.85	28.28	0.00034
-91.92	35.36	0.00031	-98.99	42.43	0.00028
35.36	-106.07	0.00176	28.28	-98.99	0.00197
21.21	-91.92	0.00220	14.14	-84.85	0.00247
7.07	-77.78	0.00279	0.00	-70.71	0.00314
-7.07	-63.64	0.00352	-14.14	-56.57	0.00389
-17.68	-53.03	0.00405	-21.21	-49.50	0.00415
-23.33	-47.38	0.00418	-24.75	-45.96	0.00418
-26.16	-44.55	0.00417	-27.58	-43.13	0.00416
-28.99	-41.72	0.00414	-41.72	-28.99	0.00146
-43.13	-27.58	0.00139	-44.55	-26.16	0.00134
-45.96	-24.75	0.00129	-47.38	-23.33	0.00125
-49.50	-21.21	0.00118	-53.03	-17.68	0.00109
-56.57	-14.14	0.00099	-63.64	-7.07	0.00083
-70.71	0.00	0.00070	-77.78	7.07	0.00059
-84.85	14.14	0.00051	-91.92	21.21	0.00045
-98.99	28.28	0.00039	-106.07	35.36	0.00035
28.28	-113.14	0.00195	21.21	-106.07	0.00220
14.14	-98.99	0.00249	7.07	-91.92	0.00283
0.00	-84.85	0.00323	-7.07	-77.78	0.00368
-14.14	-70.71	0.00417	-21.21	-63.64	0.00461
-24.75	-60.10	0.00477	-28.28	-56.57	0.00485
-30.41	-54.45	0.00483	-31.82	-53.03	0.00480
-33.23	-51.62	0.00474	-34.65	-50.20	0.00467
-36.06	-48.79	0.00460	-48.79	-36.06	0.00183
-50.20	-34.65	0.00178	-51.62	-33.23	0.00173
-53.03	-31.82	0.00169	-54.45	-30.41	0.00164
-56.57	-28.28	0.00158	-60.10	-24.75	0.00146
-63.64	-21.21	0.00134	-70.71	-14.14	0.00111
-77.78	-7.07	0.00092	-84.85	0.00	0.00077
-91.92	7.07	0.00065	-98.99	14.14	0.00056
-106.07	21.21	0.00049	-113.14	28.28	0.00042

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

\*\*\* 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	0.00208	14.14	-113.14	0.00236
7.07	-106.07	0.00269	0.00	-98.99	0.00308
-7.07	-91.92	0.00352	-14.14	-84.85	0.00401
-21.21	-77.78	0.00451	-28.28	-70.71	0.00493
-31.82	-67.18	0.00506	-35.36	-63.64	0.00510
-37.48	-61.52	0.00507	-38.89	-60.10	0.00502
-40.31	-58.69	0.00494	-41.72	-57.28	0.00486
-43.13	-55.86	0.00479	-55.86	-43.13	0.00201
-57.28	-41.72	0.00196	-58.69	-40.31	0.00192
-60.10	-38.89	0.00189	-61.52	-37.48	0.00186
-63.64	-35.36	0.00180	-67.18	-31.82	0.00168
-70.71	-28.28	0.00155	-77.78	-21.21	0.00130
-84.85	-14.14	0.00109	-91.92	-7.07	0.00092
-98.99	0.00	0.00078	-106.07	7.07	0.00066
-113.14	14.14	0.00057	-120.21	21.21	0.00049
14.14	-127.28	0.00214	7.07	-120.21	0.00244
0.00	-113.14	0.00279	-7.07	-106.07	0.00320
-14.14	-98.99	0.00366	-21.21	-91.92	0.00416
-28.28	-84.85	0.00466	-35.36	-77.78	0.00508
-38.89	-74.25	0.00520	-42.43	-70.71	0.00522
-44.55	-68.59	0.00518	-45.96	-67.18	0.00513
-47.38	-65.76	0.00507	-48.79	-64.35	0.00499
-50.20	-62.93	0.00491	-62.93	-50.20	0.00212
-64.35	-48.79	0.00207	-65.76	-47.38	0.00204
-67.18	-45.96	0.00201	-68.59	-44.55	0.00198
-70.71	-42.43	0.00193	-74.25	-38.89	0.00182
-77.78	-35.36	0.00170	-84.85	-28.28	0.00144
-91.92	-21.21	0.00121	-98.99	-14.14	0.00103
-106.07	-7.07	0.00087	-113.14	0.00	0.00074
-120.21	7.07	0.00064	-127.28	14.14	0.00055
7.07	-134.35	0.00212	0.00	-127.28	0.00243
-7.07	-120.21	0.00279	-14.14	-113.14	0.00320
-21.21	-106.07	0.00367	-28.28	-98.99	0.00418
-35.36	-91.92	0.00469	-42.43	-84.85	0.00511
-45.96	-81.32	0.00524	-49.50	-77.78	0.00527
-51.62	-75.66	0.00524	-53.03	-74.25	0.00519



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00513	-55.86	-71.42	0.00505
-57.28	-70.00	0.00496	-70.00	-57.28	0.00219
-71.42	-55.86	0.00214	-72.83	-54.45	0.00211
-74.25	-53.03	0.00208	-75.66	-51.62	0.00205

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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	0.00200	-81.32	-45.96	0.00190
-84.85	-42.43	0.00178	-91.92	-35.36	0.00154
-98.99	-28.28	0.00130	-106.07	-21.21	0.00110
-113.14	-14.14	0.00094	-120.21	-7.07	0.00080
-127.28	0.00	0.00069	-134.35	7.07	0.00060
0.00	-141.42	0.00203	-7.07	-134.35	0.00233
-14.14	-127.28	0.00267	-21.21	-120.21	0.00308
-28.28	-113.14	0.00355	-35.36	-106.07	0.00407
-42.43	-98.99	0.00460	-49.50	-91.92	0.00505
-53.03	-88.39	0.00520	-56.57	-84.85	0.00525
-58.69	-82.73	0.00523	-60.10	-81.32	0.00519
-61.52	-79.90	0.00512	-62.93	-78.49	0.00505
-64.35	-77.07	0.00496	-77.07	-64.35	0.00221
-78.49	-62.93	0.00217	-79.90	-61.52	0.00214
-81.32	-60.10	0.00212	-82.73	-58.69	0.00209
-84.85	-56.57	0.00204	-88.39	-53.03	0.00194
-91.92	-49.50	0.00183	-98.99	-42.43	0.00159
-106.07	-35.36	0.00136	-113.14	-28.28	0.00115
-120.21	-21.21	0.00098	-127.28	-14.14	0.00084
-134.35	-7.07	0.00072	-141.42	0.00	0.00063
-7.07	-148.49	0.00188	-14.14	-141.42	0.00214
-21.21	-134.35	0.00246	-28.28	-127.28	0.00283
-35.36	-120.21	0.00327	-42.43	-113.14	0.00378
-49.50	-106.07	0.00432	-56.57	-98.99	0.00482
-60.10	-95.46	0.00500	-63.64	-91.92	0.00510
-65.76	-89.80	0.00511	-67.18	-88.39	0.00508
-68.59	-86.97	0.00503	-70.00	-85.56	0.00496
-71.42	-84.15	0.00489	-84.15	-71.42	0.00220
-85.56	-70.00	0.00216	-86.97	-68.59	0.00213
-88.39	-67.18	0.00210	-89.80	-65.76	0.00208

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00203	-95.46	-60.10	0.00194
-98.99	-56.57	0.00184	-106.07	-49.50	0.00161
-113.14	-42.43	0.00138	-120.21	-35.36	0.00117
-127.28	-28.28	0.00100	-134.35	-21.21	0.00085
-141.42	-14.14	0.00074	-148.49	-7.07	0.00064
-14.14	-155.56	0.00168	-21.21	-148.49	0.00190
-28.28	-141.42	0.00216	-35.36	-134.35	0.00246
-42.43	-127.28	0.00283	-49.50	-120.21	0.00325
-56.57	-113.14	0.00374	-63.64	-106.07	0.00425
-67.18	-102.53	0.00449	-70.71	-98.99	0.00466

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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	0.00472	-74.25	-95.46	0.00473
-75.66	-94.05	0.00472	-77.07	-92.63	0.00469
-78.49	-91.22	0.00466	-91.22	-78.49	0.00212
-92.63	-77.07	0.00208	-94.05	-75.66	0.00206
-95.46	-74.25	0.00204	-96.87	-72.83	0.00202
-98.99	-70.71	0.00198	-102.53	-67.18	0.00189
-106.07	-63.64	0.00178	-113.14	-56.57	0.00156
-120.21	-49.50	0.00134	-127.28	-42.43	0.00115
-134.35	-35.36	0.00098	-141.42	-28.28	0.00084
-148.49	-21.21	0.00073	-155.56	-14.14	0.00063
-21.21	-162.63	0.00145	-28.28	-155.56	0.00161
-35.36	-148.49	0.00180	-42.43	-141.42	0.00202
-49.50	-134.35	0.00227	-56.57	-127.28	0.00254
-63.64	-120.21	0.00284	-70.71	-113.14	0.00314
-74.25	-109.60	0.00328	-77.78	-106.07	0.00342
-79.90	-103.94	0.00350	-81.32	-102.53	0.00355
-82.73	-101.12	0.00362	-84.15	-99.70	0.00369
-85.56	-98.29	0.00379	-98.29	-85.56	0.00194
-99.70	-84.15	0.00190	-101.12	-82.73	0.00187
-102.53	-81.32	0.00185	-103.94	-79.90	0.00182
-106.07	-77.78	0.00178	-109.60	-74.25	0.00171
-113.14	-70.71	0.00161	-120.21	-63.64	0.00142
-127.28	-56.57	0.00124	-134.35	-49.50	0.00107
-141.42	-42.43	0.00092	-148.49	-35.36	0.00080

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00069	-162.63	-21.21	0.00061
-28.28	-169.71	0.00121	-35.36	-162.63	0.00132
-42.43	-155.56	0.00144	-49.50	-148.49	0.00157
-56.57	-141.42	0.00170	-63.64	-134.35	0.00181
-70.71	-127.28	0.00190	-77.78	-120.21	0.00190
-81.32	-116.67	0.00186	-84.85	-113.14	0.00177
-86.97	-111.02	0.00169	-88.39	-109.60	0.00163
-89.80	-108.19	0.00156	-91.22	-106.77	0.00149
-92.63	-105.36	0.00141	-105.36	-92.63	0.00121
-106.77	-91.22	0.00123	-108.19	-89.80	0.00125
-109.60	-88.39	0.00127	-111.02	-86.97	0.00128
-113.14	-84.85	0.00129	-116.67	-81.32	0.00129
-120.21	-77.78	0.00126	-127.28	-70.71	0.00117
-134.35	-63.64	0.00105	-141.42	-56.57	0.00093
-148.49	-49.50	0.00082	-155.56	-42.43	0.00072
-162.63	-35.36	0.00064	-169.71	-28.28	0.00056

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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	0.00099	-42.43	-169.71	0.00106
-49.50	-162.63	0.00113	-56.57	-155.56	0.00119
-63.64	-148.49	0.00124	-70.71	-141.42	0.00126
-77.78	-134.35	0.00125	-84.85	-127.28	0.00119
-88.39	-123.74	0.00114	-91.92	-120.21	0.00108
-94.05	-118.09	0.00104	-95.46	-116.67	0.00102
-96.87	-115.26	0.00100	-98.29	-113.84	0.00098
-99.70	-112.43	0.00095	-112.43	-99.70	0.00084
-113.84	-98.29	0.00086	-115.26	-96.87	0.00087
-116.67	-95.46	0.00089	-118.09	-94.05	0.00090
-120.21	-91.92	0.00092	-123.74	-88.39	0.00094
-127.28	-84.85	0.00094	-134.35	-77.78	0.00090
-141.42	-70.71	0.00085	-148.49	-63.64	0.00078
-155.56	-56.57	0.00070	-162.63	-49.50	0.00063
-169.71	-42.43	0.00057	-176.78	-35.36	0.00051
-42.43	-183.85	0.00080	-49.50	-176.78	0.00084
-56.57	-169.71	0.00087	-63.64	-162.63	0.00090
-70.71	-155.56	0.00091	-77.78	-148.49	0.00090

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00088	-91.92	-134.35	0.00085
-95.46	-130.81	0.00083	-98.99	-127.28	0.00081
-101.12	-125.16	0.00080	-102.53	-123.74	0.00079
-103.94	-122.33	0.00078	-105.36	-120.92	0.00077
-106.77	-119.50	0.00075	-119.50	-106.77	0.00067
-120.92	-105.36	0.00067	-122.33	-103.94	0.00068
-123.74	-102.53	0.00068	-125.16	-101.12	0.00069
-127.28	-98.99	0.00070	-130.81	-95.46	0.00071
-134.35	-91.92	0.00072	-141.42	-84.85	0.00072
-148.49	-77.78	0.00068	-155.56	-70.71	0.00064
-162.63	-63.64	0.00059	-169.71	-56.57	0.00055
-176.78	-49.50	0.00050	-183.85	-42.43	0.00045
-49.50	-190.92	0.00065	-56.57	-183.85	0.00067
-63.64	-176.78	0.00068	-70.71	-169.71	0.00069
-77.78	-162.63	0.00069	-84.85	-155.56	0.00068
-91.92	-148.49	0.00068	-98.99	-141.42	0.00067
-102.53	-137.89	0.00066	-106.07	-134.35	0.00066
-108.19	-132.23	0.00065	-109.60	-130.81	0.00064
-111.02	-129.40	0.00063	-112.43	-127.99	0.00062
-113.84	-126.57	0.00061	-126.57	-113.84	0.00054
-127.99	-112.43	0.00055	-129.40	-111.02	0.00055
-130.81	-109.60	0.00055	-132.23	-108.19	0.00056

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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	0.00056	-137.89	-102.53	0.00056
-141.42	-98.99	0.00057	-148.49	-91.92	0.00058
-155.56	-84.85	0.00056	-162.63	-77.78	0.00053
-169.71	-70.71	0.00050	-176.78	-63.64	0.00047
-183.85	-56.57	0.00044	-190.92	-49.50	0.00040
-56.57	-197.99	0.00053	-63.64	-190.92	0.00053
-70.71	-183.85	0.00054	-77.78	-176.78	0.00054
-84.85	-169.71	0.00054	-91.92	-162.63	0.00054
-98.99	-155.56	0.00054	-106.07	-148.49	0.00055
-109.60	-144.96	0.00055	-113.14	-141.42	0.00054
-115.26	-139.30	0.00054	-116.67	-137.89	0.00053
-118.09	-136.47	0.00052	-119.50	-135.06	0.00051

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00050	-133.64	-120.92	0.00045
-135.06	-119.50	0.00045	-136.47	-118.09	0.00045
-137.89	-116.67	0.00046	-139.30	-115.26	0.00046
-141.42	-113.14	0.00046	-144.96	-109.60	0.00046
-148.49	-106.07	0.00046	-155.56	-98.99	0.00047
-162.63	-91.92	0.00047	-169.71	-84.85	0.00045
-176.78	-77.78	0.00043	-183.85	-70.71	0.00041
-190.92	-63.64	0.00038	-197.99	-56.57	0.00035
-63.64	-205.06	0.00043	-70.71	-197.99	0.00044
-77.78	-190.92	0.00044	-84.85	-183.85	0.00044
-91.92	-176.78	0.00044	-98.99	-169.71	0.00045
-106.07	-162.63	0.00045	-113.14	-155.56	0.00046
-116.67	-152.03	0.00046	-120.21	-148.49	0.00045
-122.33	-146.37	0.00044	-123.74	-144.96	0.00044
-125.16	-143.54	0.00043	-126.57	-142.13	0.00042
-127.99	-140.71	0.00041	-140.71	-127.99	0.00038
-142.13	-126.57	0.00038	-143.54	-125.16	0.00038
-144.96	-123.74	0.00038	-146.37	-122.33	0.00038
-148.49	-120.21	0.00039	-152.03	-116.67	0.00039
-155.56	-113.14	0.00039	-162.63	-106.07	0.00039
-169.71	-98.99	0.00039	-176.78	-91.92	0.00038
-183.85	-84.85	0.00037	-190.92	-77.78	0.00035
-197.99	-70.71	0.00033	-205.06	-63.64	0.00032
-70.71	-212.13	0.00036	-77.78	-205.06	0.00036
-84.85	-197.99	0.00037	-91.92	-190.92	0.00037
-98.99	-183.85	0.00037	-106.07	-176.78	0.00038
-113.14	-169.71	0.00039	-120.21	-162.63	0.00039
-123.74	-159.10	0.00039	-127.28	-155.56	0.00038

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

\*\*\* 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	0.00037	-130.81	-152.03	0.00037
-132.23	-150.61	0.00036	-133.64	-149.20	0.00035
-135.06	-147.79	0.00035	-147.79	-135.06	0.00032
-149.20	-133.64	0.00032	-150.61	-132.23	0.00032
-152.03	-130.81	0.00032	-153.44	-129.40	0.00032
-155.56	-127.28	0.00033	-159.10	-123.74	0.00033

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00033	-169.71	-113.14	0.00033
-176.78	-106.07	0.00032	-183.85	-98.99	0.00032
-190.92	-91.92	0.00032	-197.99	-84.85	0.00031
-205.06	-77.78	0.00030	-212.13	-70.71	0.00028
-77.78	-219.20	0.00031	-84.85	-212.13	0.00031
-91.92	-205.06	0.00031	-98.99	-197.99	0.00031
-106.07	-190.92	0.00032	-113.14	-183.85	0.00033
-120.21	-176.78	0.00034	-127.28	-169.71	0.00034
-130.81	-166.17	0.00033	-134.35	-162.63	0.00032
-136.47	-160.51	0.00032	-137.89	-159.10	0.00031
-139.30	-157.68	0.00031	-140.71	-156.27	0.00030
-142.13	-154.86	0.00030	-154.86	-142.13	0.00027
-156.27	-140.71	0.00028	-157.68	-139.30	0.00028
-159.10	-137.89	0.00028	-160.51	-136.47	0.00028
-162.63	-134.35	0.00028	-166.17	-130.81	0.00028
-169.71	-127.28	0.00028	-176.78	-120.21	0.00028
-183.85	-113.14	0.00028	-190.92	-106.07	0.00027
-197.99	-98.99	0.00027	-205.06	-91.92	0.00027
-212.13	-84.85	0.00026	-219.20	-77.78	0.00025
-84.85	-226.27	0.00026	-91.92	-219.20	0.00027
-98.99	-212.13	0.00027	-106.07	-205.06	0.00027
-113.14	-197.99	0.00028	-120.21	-190.92	0.00029
-127.28	-183.85	0.00029	-134.35	-176.78	0.00029
-137.89	-173.24	0.00028	-141.42	-169.71	0.00028
-143.54	-167.58	0.00027	-144.96	-166.17	0.00027
-146.37	-164.76	0.00026	-147.79	-163.34	0.00026
-149.20	-161.93	0.00025	-161.93	-149.20	0.00024
-163.34	-147.79	0.00024	-164.76	-146.37	0.00024
-166.17	-144.96	0.00024	-167.58	-143.54	0.00024
-169.71	-141.42	0.00024	-173.24	-137.89	0.00024
-176.78	-134.35	0.00024	-183.85	-127.28	0.00024
-190.92	-120.21	0.00024	-197.99	-113.14	0.00024
-205.06	-106.07	0.00024	-212.13	-98.99	0.00023
-219.20	-91.92	0.00023	-226.27	-84.85	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* 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
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12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00023	-98.99	-226.27	0.00023
-106.07	-219.20	0.00023	-113.14	-212.13	0.00024
-120.21	-205.06	0.00025	-127.28	-197.99	0.00025
-134.35	-190.92	0.00026	-141.42	-183.85	0.00025
-144.96	-180.31	0.00025	-148.49	-176.78	0.00024
-150.61	-174.66	0.00023	-152.03	-173.24	0.00023
-153.44	-171.83	0.00023	-154.86	-170.41	0.00022
-156.27	-169.00	0.00022	-169.00	-156.27	0.00021
-170.41	-154.86	0.00021	-171.83	-153.44	0.00021
-173.24	-152.03	0.00021	-174.66	-150.61	0.00021
-176.78	-148.49	0.00021	-180.31	-144.96	0.00021
-183.85	-141.42	0.00021	-190.92	-134.35	0.00021
-197.99	-127.28	0.00021	-205.06	-120.21	0.00021
-212.13	-113.14	0.00021	-219.20	-106.07	0.00020
-226.27	-98.99	0.00020	-233.35	-91.92	0.00020
-98.99	-240.42	0.00020	-106.07	-233.35	0.00020
-113.14	-226.27	0.00021	-120.21	-219.20	0.00021
-127.28	-212.13	0.00022	-134.35	-205.06	0.00023
-141.42	-197.99	0.00023	-148.49	-190.92	0.00022
-152.03	-187.38	0.00021	-155.56	-183.85	0.00021
-157.68	-181.73	0.00020	-159.10	-180.31	0.00020
-160.51	-178.90	0.00020	-161.93	-177.48	0.00020
-163.34	-176.07	0.00019	-176.07	-163.34	0.00018
-177.48	-161.93	0.00018	-178.90	-160.51	0.00018
-180.31	-159.10	0.00018	-181.73	-157.68	0.00018
-183.85	-155.56	0.00018	-187.38	-152.03	0.00019
-190.92	-148.49	0.00019	-197.99	-141.42	0.00019
-205.06	-134.35	0.00019	-212.13	-127.28	0.00018
-219.20	-120.21	0.00018	-226.27	-113.14	0.00018
-233.35	-106.07	0.00018	-240.42	-98.99	0.00018
-106.07	-247.49	0.00018	-113.14	-240.42	0.00018
-120.21	-233.35	0.00019	-127.28	-226.27	0.00019
-134.35	-219.20	0.00020	-141.42	-212.13	0.00020
-148.49	-205.06	0.00020	-155.56	-197.99	0.00019
-159.10	-194.45	0.00019	-162.63	-190.92	0.00018
-164.76	-188.80	0.00018	-166.17	-187.38	0.00018
-167.58	-185.97	0.00018	-169.00	-184.55	0.00017
-170.41	-183.14	0.00017	-183.14	-170.41	0.00016
-184.55	-169.00	0.00016	-185.97	-167.58	0.00016
-187.38	-166.17	0.00016	-188.80	-164.76	0.00016

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

\*\*\* 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

\*\*\* 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	0.00016	-194.45	-159.10	0.00016	
-197.99	-155.56	0.00016	-205.06	-148.49	0.00017	
-212.13	-141.42	0.00017	-219.20	-134.35	0.00017	
-226.27	-127.28	0.00016	-233.35	-120.21	0.00016	
-240.42	-113.14	0.00016	-247.49	-106.07	0.00016	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 14:47:10  
 \*\*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	0.00005	240.42	113.14	0.00005	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00004	
188.80	164.76	0.00004	187.38	166.17	0.00004	
185.97	167.58	0.00004	184.55	169.00	0.00004	
183.14	170.41	0.00004	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00003	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00005	233.35	106.07	0.00005	
226.27	113.14	0.00005	219.20	120.21	0.00005	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00005	190.92	148.49	0.00005	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00004	



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00004	160.51	178.90	0.00004
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00006	226.27	98.99	0.00006
219.20	106.07	0.00006	212.13	113.14	0.00006
205.06	120.21	0.00005	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00005
180.31	144.96	0.00005	176.78	148.49	0.00005
174.66	150.61	0.00005	173.24	152.03	0.00005
171.83	153.44	0.00005	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

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

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

14:47:10

\*\*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	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00003
127.28	197.99	0.00003	120.21	205.06	0.00003
113.14	212.13	0.00003	106.07	219.20	0.00003
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00007	219.20	91.92	0.00006
212.13	98.99	0.00006	205.06	106.07	0.00006
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00006	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00005	166.17	144.96	0.00005
164.76	146.37	0.00005	163.34	147.79	0.00005
161.93	149.20	0.00005	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00004

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	190.92	0.00004	113.14	197.99	0.00004
106.07	205.06	0.00003	99.00	212.13	0.00003
91.92	219.20	0.00003	84.85	226.27	0.00003
219.20	77.78	0.00007	212.13	84.85	0.00007
205.06	91.92	0.00007	197.99	98.99	0.00007
190.92	106.07	0.00007	183.85	113.14	0.00006
176.78	120.21	0.00006	169.71	127.28	0.00006
166.17	130.81	0.00006	162.63	134.35	0.00006
160.51	136.47	0.00006	159.10	137.89	0.00005
157.68	139.30	0.00005	156.27	140.71	0.00005
154.86	142.13	0.00005	142.13	154.86	0.00005
140.71	156.27	0.00005	139.30	157.68	0.00005
137.89	159.10	0.00004	136.47	160.51	0.00004
134.35	162.63	0.00004	130.81	166.17	0.00004
127.28	169.71	0.00004	120.21	176.78	0.00004
113.14	183.85	0.00004	106.07	190.92	0.00004
99.00	197.99	0.00004	91.92	205.06	0.00004
84.85	212.13	0.00004	77.78	219.20	0.00004
212.13	70.71	0.00008	205.06	77.78	0.00008
197.99	84.85	0.00008	190.92	91.92	0.00007
183.85	98.99	0.00007	176.78	106.07	0.00007
169.71	113.14	0.00007	162.63	120.21	0.00007
159.10	123.74	0.00006	155.56	127.28	0.00006

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

14:47:10  
 \*\*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	0.00006	152.03	130.81	0.00006
150.61	132.23	0.00006	149.20	133.64	0.00006
147.79	135.06	0.00006	135.06	147.79	0.00005
133.64	149.20	0.00005	132.23	150.61	0.00005
130.81	152.03	0.00005	129.40	153.44	0.00005
127.28	155.56	0.00005	123.74	159.10	0.00005
120.21	162.63	0.00005	113.14	169.71	0.00004
106.07	176.78	0.00004	98.99	183.85	0.00004
91.92	190.92	0.00004	84.85	197.99	0.00004
77.78	205.06	0.00004	70.71	212.13	0.00004
205.06	63.64	0.00010	197.99	70.71	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00009	183.85	84.85	0.00008
176.78	91.92	0.00008	169.71	98.99	0.00008
162.63	106.07	0.00008	155.56	113.14	0.00007
152.03	116.67	0.00007	148.49	120.21	0.00007
146.37	122.33	0.00007	144.96	123.74	0.00007
143.54	125.16	0.00007	142.13	126.57	0.00007
140.71	127.99	0.00006	127.99	140.71	0.00006
126.57	142.13	0.00006	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00005
98.99	169.71	0.00005	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00005
70.71	197.99	0.00005	63.64	205.06	0.00004
197.99	56.57	0.00011	190.92	63.64	0.00010
183.85	70.71	0.00010	176.78	77.78	0.00009
169.71	84.85	0.00009	162.63	91.92	0.00009
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00008	141.42	113.14	0.00008
139.30	115.26	0.00008	137.89	116.67	0.00008
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00006	115.26	139.30	0.00006
113.14	141.42	0.00006	109.60	144.96	0.00006
106.07	148.49	0.00006	98.99	155.56	0.00005
91.92	162.63	0.00005	84.85	169.71	0.00005
77.78	176.78	0.00005	70.71	183.85	0.00005
63.64	190.92	0.00005	56.57	197.99	0.00005

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

14:47:10  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00013	183.85	56.57	0.00012
176.78	63.64	0.00011	169.71	70.71	0.00011
162.63	77.78	0.00010	155.56	84.85	0.00010
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00009	134.35	106.07	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

14:47:10  
 \*\*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      \*\*

12NCRA\_PL92-300\_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	0.00008	88.39	123.74	0.00008
84.85	127.28	0.00008	77.78	134.35	0.00007
70.71	141.42	0.00007	63.64	148.49	0.00007
56.57	155.56	0.00007	49.50	162.63	0.00007
42.43	169.71	0.00006	35.36	176.78	0.00006
169.71	28.28	0.00021	162.63	35.36	0.00020
155.56	42.43	0.00019	148.49	49.50	0.00018
141.42	56.57	0.00017	134.35	63.64	0.00016
127.28	70.71	0.00015	120.21	77.78	0.00014
116.67	81.32	0.00014	113.14	84.85	0.00013
111.02	86.97	0.00013	109.60	88.39	0.00013
108.19	89.80	0.00013	106.77	91.22	0.00012
105.36	92.63	0.00012	92.63	105.36	0.00010
91.22	106.77	0.00010	89.80	108.19	0.00010
88.39	109.60	0.00009	86.97	111.02	0.00009
84.85	113.14	0.00009	81.32	116.67	0.00009
77.78	120.21	0.00009	70.71	127.28	0.00009
63.64	134.35	0.00008	56.57	141.42	0.00008
49.50	148.49	0.00008	42.43	155.56	0.00007
35.36	162.63	0.00007	28.28	169.71	0.00006
162.63	21.21	0.00026	155.56	28.28	0.00024
148.49	35.36	0.00023	141.42	42.43	0.00022
134.35	49.50	0.00020	127.28	56.57	0.00019
120.21	63.64	0.00017	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00016
103.94	79.90	0.00015	102.53	81.32	0.00015
101.12	82.73	0.00015	99.70	84.15	0.00014
98.29	85.56	0.00014	85.56	98.29	0.00011
84.15	99.70	0.00011	82.73	101.12	0.00011
81.32	102.53	0.00011	79.90	103.94	0.00011
77.78	106.07	0.00011	74.25	109.60	0.00010
70.71	113.14	0.00010	63.64	120.21	0.00010
56.57	127.28	0.00010	49.50	134.35	0.00009
42.43	141.42	0.00009	35.36	148.49	0.00008
28.28	155.56	0.00007	21.21	162.63	0.00007
155.56	14.14	0.00032	148.49	21.21	0.00030
141.42	28.28	0.00029	134.35	35.36	0.00027
127.28	42.43	0.00025	120.21	49.50	0.00023
113.14	56.57	0.00021	106.07	63.64	0.00020
102.53	67.18	0.00019	98.99	70.71	0.00018

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10  
\*\*MODELOPTS:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00018	95.46	74.25	0.00018
94.05	75.66	0.00017	92.63	77.07	0.00017
91.22	78.49	0.00017	78.49	91.22	0.00013
77.07	92.63	0.00013	75.66	94.05	0.00013
74.25	95.46	0.00013	72.83	96.87	0.00012
70.71	98.99	0.00012	67.18	102.53	0.00012
63.64	106.07	0.00012	56.57	113.14	0.00011
49.50	120.21	0.00011	42.43	127.28	0.00011
35.36	134.35	0.00010	28.28	141.42	0.00009
21.21	148.49	0.00008	14.14	155.56	0.00008
148.49	7.07	0.00040	141.42	14.14	0.00038
134.35	21.21	0.00036	127.28	28.28	0.00034
120.21	35.36	0.00031	113.14	42.43	0.00029
106.07	49.50	0.00026	98.99	56.57	0.00024
95.46	60.10	0.00023	91.92	63.64	0.00022
89.80	65.76	0.00022	88.39	67.18	0.00021
86.97	68.59	0.00021	85.56	70.00	0.00020
84.15	71.42	0.00020	71.42	84.15	0.00016
70.00	85.56	0.00015	68.59	86.97	0.00015
67.18	88.39	0.00015	65.76	89.80	0.00015
63.64	91.92	0.00014	60.10	95.46	0.00014
56.57	98.99	0.00014	49.50	106.07	0.00014
42.43	113.14	0.00013	35.36	120.21	0.00012
28.28	127.28	0.00011	21.21	134.35	0.00010
14.14	141.42	0.00009	7.07	148.49	0.00009
141.42	0.00	0.00050	134.35	7.07	0.00049
127.28	14.14	0.00047	120.21	21.21	0.00044
113.14	28.28	0.00041	106.07	35.36	0.00038
98.99	42.43	0.00034	91.92	49.50	0.00030
88.39	53.03	0.00029	84.85	56.57	0.00028
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00026	78.49	62.93	0.00025
77.07	64.35	0.00024	64.35	77.07	0.00019
62.93	78.49	0.00018	61.52	79.90	0.00018
60.10	81.32	0.00018	58.69	82.73	0.00018
56.57	84.85	0.00017	53.03	88.39	0.00017
49.50	91.92	0.00017	42.43	98.99	0.00016

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00015	28.28	113.14	0.00013
21.21	120.21	0.00012	14.14	127.28	0.00011
7.07	134.35	0.00011	0.00	141.42	0.00010

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

14:47:10  
 \*\*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	0.00065	127.28	0.00	0.00064
120.21	7.07	0.00062	113.14	14.14	0.00059
106.07	21.21	0.00056	98.99	28.28	0.00051
91.92	35.36	0.00046	84.85	42.43	0.00040
81.32	45.96	0.00037	77.78	49.50	0.00035
75.66	51.62	0.00034	74.25	53.03	0.00033
72.83	54.45	0.00032	71.42	55.86	0.00031
70.00	57.28	0.00031	57.28	70.00	0.00023
55.86	71.42	0.00022	54.45	72.83	0.00022
53.03	74.25	0.00022	51.62	75.66	0.00021
49.50	77.78	0.00021	45.96	81.32	0.00021
42.43	84.85	0.00020	35.36	91.92	0.00019
28.28	98.99	0.00017	21.21	106.07	0.00016
14.14	113.14	0.00014	7.07	120.21	0.00013
0.00	127.28	0.00012	-7.07	134.35	0.00012
127.28	-14.14	0.00083	120.21	-7.07	0.00084
113.14	0.00	0.00084	106.07	7.07	0.00082
98.99	14.14	0.00078	91.92	21.21	0.00073
84.85	28.28	0.00065	77.78	35.36	0.00056
74.25	38.89	0.00052	70.71	42.43	0.00047
68.59	44.55	0.00045	67.18	45.96	0.00044
65.76	47.38	0.00042	64.35	48.79	0.00041
62.93	50.20	0.00040	50.20	62.93	0.00029
48.79	64.35	0.00028	47.38	65.76	0.00027
45.96	67.18	0.00027	44.55	68.59	0.00027
42.43	70.71	0.00026	38.89	74.25	0.00026
35.36	77.78	0.00025	28.28	84.85	0.00022
21.21	91.92	0.00020	14.14	98.99	0.00019
7.07	106.07	0.00017	0.00	113.14	0.00016
-7.07	120.21	0.00015	-14.14	127.28	0.00014
120.21	-21.21	0.00104	113.14	-14.14	0.00109

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00113	98.99	0.00	0.00115
91.92	7.07	0.00114	84.85	14.14	0.00109
77.78	21.21	0.00100	70.71	28.28	0.00086
67.18	31.82	0.00078	63.64	35.36	0.00070
61.52	37.48	0.00065	60.10	38.89	0.00062
58.69	40.31	0.00059	57.28	41.72	0.00056
55.86	43.13	0.00054	43.13	55.86	0.00037
41.72	57.28	0.00036	40.31	58.69	0.00035
38.89	60.10	0.00035	37.48	61.52	0.00034

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

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

14:47:10

\*\*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	0.00034	31.82	67.18	0.00032
28.28	70.71	0.00030	21.21	77.78	0.00028
14.14	84.85	0.00026	7.07	91.92	0.00024
0.00	98.99	0.00022	-7.07	106.07	0.00020
-14.14	113.14	0.00019	-21.21	120.21	0.00017
113.14	-28.28	0.00128	106.07	-21.21	0.00137
98.99	-14.14	0.00147	91.92	-7.07	0.00156
84.85	0.00	0.00163	77.78	7.07	0.00166
70.71	14.14	0.00163	63.64	21.21	0.00148
60.10	24.75	0.00136	56.57	28.28	0.00120
54.45	30.41	0.00110	53.03	31.82	0.00103
51.62	33.23	0.00095	50.20	34.65	0.00088
48.79	36.06	0.00082	36.06	48.79	0.00049
34.65	50.20	0.00048	33.23	51.62	0.00047
31.82	53.03	0.00046	30.41	54.45	0.00045
28.28	56.57	0.00044	24.75	60.10	0.00042
21.21	63.64	0.00041	14.14	70.71	0.00037
7.07	77.78	0.00034	0.00	84.85	0.00031
-7.07	91.92	0.00028	-14.14	98.99	0.00026
-21.21	106.07	0.00024	-28.28	113.14	0.00022
106.07	-35.36	0.00153	98.99	-28.28	0.00168
91.92	-21.21	0.00184	84.85	-14.14	0.00202
77.78	-7.07	0.00221	70.71	0.00	0.00240
63.64	7.07	0.00256	56.57	14.14	0.00263
53.03	17.68	0.00260	49.50	21.21	0.00249



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00236	45.96	24.75	0.00224
44.55	26.16	0.00210	43.13	27.58	0.00193
41.72	28.99	0.00172	28.99	41.72	0.00071
27.58	43.13	0.00070	26.16	44.55	0.00070
24.75	45.96	0.00069	23.33	47.38	0.00068
21.21	49.50	0.00067	17.68	53.03	0.00064
14.14	56.57	0.00061	7.07	63.64	0.00055
0.00	70.71	0.00049	-7.07	77.78	0.00043
-14.14	84.85	0.00038	-21.21	91.92	0.00034
-28.28	98.99	0.00031	-35.36	106.07	0.00028
98.99	-42.43	0.00176	91.92	-35.36	0.00197
84.85	-28.28	0.00220	77.78	-21.21	0.00247
70.71	-14.14	0.00279	63.64	-7.07	0.00314
56.57	0.00	0.00352	49.50	7.07	0.00389
45.96	10.61	0.00405	42.43	14.14	0.00415

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

\*\*\* 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
40.31	16.26	0.00418	38.89	17.68	0.00418
37.48	19.09	0.00417	36.06	20.51	0.00416
34.65	21.92	0.00414	21.92	34.65	0.00146
20.51	36.06	0.00139	19.09	37.48	0.00134
17.68	38.89	0.00129	16.26	40.31	0.00125
14.14	42.43	0.00118	10.61	45.96	0.00109
7.07	49.50	0.00099	0.00	56.57	0.00083
-7.07	63.64	0.00070	-14.14	70.71	0.00059
-21.21	77.78	0.00051	-28.28	84.85	0.00045
-35.36	91.92	0.00039	-42.43	98.99	0.00035
91.92	-49.50	0.00195	84.85	-42.43	0.00220
77.78	-35.36	0.00249	70.71	-28.28	0.00283
63.64	-21.21	0.00323	56.57	-14.14	0.00368
49.50	-7.07	0.00417	42.43	0.00	0.00461
38.89	3.54	0.00477	35.36	7.07	0.00485
33.23	9.19	0.00483	31.82	10.61	0.00480
30.41	12.02	0.00474	28.99	13.44	0.00467
27.58	14.85	0.00460	14.85	27.58	0.00183
13.44	28.99	0.00178	12.02	30.41	0.00173

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00169	9.19	33.23	0.00164
7.07	35.36	0.00158	3.54	38.89	0.00146
0.00	42.43	0.00134	-7.07	49.50	0.00111
-14.14	56.57	0.00092	-21.21	63.64	0.00077
-28.28	70.71	0.00065	-35.36	77.78	0.00056
-42.43	84.85	0.00049	-49.50	91.92	0.00042
84.85	-56.57	0.00208	77.78	-49.50	0.00236
70.71	-42.43	0.00269	63.64	-35.36	0.00308
56.57	-28.28	0.00352	49.50	-21.21	0.00401
42.43	-14.14	0.00451	35.36	-7.07	0.00493
31.82	-3.54	0.00506	28.28	0.00	0.00510
26.16	2.12	0.00507	24.75	3.54	0.00502
23.33	4.95	0.00494	21.92	6.36	0.00486
20.51	7.78	0.00479	7.78	20.51	0.00201
6.36	21.92	0.00196	4.95	23.33	0.00192
3.54	24.75	0.00189	2.12	26.16	0.00186
0.00	28.28	0.00180	-3.54	31.82	0.00168
-7.07	35.36	0.00155	-14.14	42.43	0.00130
-21.21	49.50	0.00109	-28.28	56.57	0.00092
-35.36	63.64	0.00078	-42.43	70.71	0.00066
-49.50	77.78	0.00057	-56.57	84.85	0.00049

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

14:47:10  
 \*\*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	-63.64	0.00214	70.71	-56.57	0.00244
63.64	-49.50	0.00279	56.57	-42.43	0.00320
49.50	-35.36	0.00366	42.43	-28.28	0.00416
35.36	-21.21	0.00466	28.28	-14.14	0.00508
24.75	-10.61	0.00520	21.21	-7.07	0.00522
19.09	-4.95	0.00518	17.68	-3.54	0.00513
16.26	-2.12	0.00507	14.85	-0.71	0.00499
13.44	0.71	0.00491	0.71	13.44	0.00212
-0.71	14.85	0.00207	-2.12	16.26	0.00204
-3.54	17.68	0.00201	-4.95	19.09	0.00198
-7.07	21.21	0.00193	-10.61	24.75	0.00182
-14.14	28.28	0.00170	-21.21	35.36	0.00144
-28.28	42.43	0.00121	-35.36	49.50	0.00103

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00087	-49.50	63.64	0.00074
-56.57	70.71	0.00064	-63.64	77.78	0.00055
70.71	-70.71	0.00212	63.64	-63.64	0.00243
56.57	-56.57	0.00279	49.50	-49.50	0.00320
42.43	-42.43	0.00367	35.36	-35.36	0.00418
28.28	-28.28	0.00469	21.21	-21.21	0.00511
17.68	-17.68	0.00524	14.14	-14.14	0.00527
12.02	-12.02	0.00524	10.61	-10.61	0.00519
9.19	-9.19	0.00513	7.78	-7.78	0.00505
6.36	-6.36	0.00496	-6.36	6.36	0.00219
-7.78	7.78	0.00214	-9.19	9.19	0.00211
-10.61	10.61	0.00208	-12.02	12.02	0.00205
-14.14	14.14	0.00200	-17.68	17.68	0.00190
-21.21	21.21	0.00178	-28.28	28.28	0.00154
-35.36	35.36	0.00130	-42.43	42.43	0.00110
-49.50	49.50	0.00094	-56.57	56.57	0.00080
-63.64	63.64	0.00069	-70.71	70.71	0.00060
63.64	-77.78	0.00203	56.57	-70.71	0.00233
49.50	-63.64	0.00267	42.43	-56.57	0.00308
35.36	-49.50	0.00355	28.28	-42.43	0.00407
21.21	-35.36	0.00460	14.14	-28.28	0.00505
10.61	-24.75	0.00520	7.07	-21.21	0.00525
4.95	-19.09	0.00523	3.54	-17.68	0.00519
2.12	-16.26	0.00512	0.71	-14.85	0.00505
-0.71	-13.44	0.00496	-13.44	-0.71	0.00221
-14.85	0.71	0.00217	-16.26	2.12	0.00214
-17.68	3.54	0.00212	-19.09	4.95	0.00209

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-21.21	7.07	0.00204	-24.75	10.61	0.00194
-28.28	14.14	0.00183	-35.36	21.21	0.00159
-42.43	28.28	0.00136	-49.50	35.36	0.00115
-56.57	42.43	0.00098	-63.64	49.50	0.00084
-70.71	56.57	0.00072	-77.78	63.64	0.00063
56.57	-84.85	0.00188	49.50	-77.78	0.00214
42.43	-70.71	0.00246	35.36	-63.64	0.00283

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00327	21.21	-49.50	0.00378
14.14	-42.43	0.00432	7.07	-35.36	0.00482
3.54	-31.82	0.00500	0.00	-28.28	0.00510
-2.12	-26.16	0.00511	-3.54	-24.75	0.00508
-4.95	-23.33	0.00503	-6.36	-21.92	0.00496
-7.78	-20.51	0.00489	-20.51	-7.78	0.00220
-21.92	-6.36	0.00216	-23.33	-4.95	0.00213
-24.75	-3.54	0.00210	-26.16	-2.12	0.00208
-28.28	0.00	0.00203	-31.82	3.54	0.00194
-35.36	7.07	0.00184	-42.43	14.14	0.00161
-49.50	21.21	0.00138	-56.57	28.28	0.00117
-63.64	35.36	0.00100	-70.71	42.43	0.00085
-77.78	49.50	0.00074	-84.85	56.57	0.00064
49.50	-91.92	0.00168	42.43	-84.85	0.00190
35.36	-77.78	0.00216	28.28	-70.71	0.00246
21.21	-63.64	0.00283	14.14	-56.57	0.00325
7.07	-49.50	0.00374	0.00	-42.43	0.00425
-3.54	-38.89	0.00449	-7.07	-35.36	0.00466
-9.19	-33.23	0.00472	-10.61	-31.82	0.00473
-12.02	-30.41	0.00472	-13.44	-28.99	0.00469
-14.85	-27.58	0.00466	-27.58	-14.85	0.00212
-28.99	-13.44	0.00208	-30.41	-12.02	0.00206
-31.82	-10.61	0.00204	-33.23	-9.19	0.00202
-35.36	-7.07	0.00198	-38.89	-3.54	0.00189
-42.43	0.00	0.00178	-49.50	7.07	0.00156
-56.57	14.14	0.00134	-63.64	21.21	0.00115
-70.71	28.28	0.00098	-77.78	35.36	0.00084
-84.85	42.43	0.00073	-91.92	49.50	0.00063
42.43	-98.99	0.00145	35.36	-91.92	0.00161
28.28	-84.85	0.00180	21.21	-77.78	0.00202
14.14	-70.71	0.00227	7.07	-63.64	0.00254
0.00	-56.57	0.00284	-7.07	-49.50	0.00314
-10.61	-45.96	0.00328	-14.14	-42.43	0.00342

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00350	-17.68	-38.89	0.00355

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00362	-20.51	-36.06	0.00369
-21.92	-34.65	0.00379	-34.65	-21.92	0.00194
-36.06	-20.51	0.00190	-37.48	-19.09	0.00187
-38.89	-17.68	0.00185	-40.31	-16.26	0.00182
-42.43	-14.14	0.00178	-45.96	-10.61	0.00171
-49.50	-7.07	0.00161	-56.57	0.00	0.00142
-63.64	7.07	0.00124	-70.71	14.14	0.00107
-77.78	21.21	0.00092	-84.85	28.28	0.00080
-91.92	35.36	0.00069	-98.99	42.43	0.00061
35.36	-106.07	0.00121	28.28	-98.99	0.00132
21.21	-91.92	0.00144	14.14	-84.85	0.00157
7.07	-77.78	0.00170	0.00	-70.71	0.00181
-7.07	-63.64	0.00190	-14.14	-56.57	0.00190
-17.68	-53.03	0.00186	-21.21	-49.50	0.00177
-23.33	-47.38	0.00169	-24.75	-45.96	0.00163
-26.16	-44.55	0.00156	-27.58	-43.13	0.00149
-28.99	-41.72	0.00141	-41.72	-28.99	0.00121
-43.13	-27.58	0.00123	-44.55	-26.16	0.00125
-45.96	-24.75	0.00127	-47.38	-23.33	0.00128
-49.50	-21.21	0.00129	-53.03	-17.68	0.00129
-56.57	-14.14	0.00126	-63.64	-7.07	0.00117
-70.71	0.00	0.00105	-77.78	7.07	0.00093
-84.85	14.14	0.00082	-91.92	21.21	0.00072
-98.99	28.28	0.00064	-106.07	35.36	0.00056
28.28	-113.14	0.00099	21.21	-106.07	0.00106
14.14	-98.99	0.00113	7.07	-91.92	0.00119
0.00	-84.85	0.00124	-7.07	-77.78	0.00126
-14.14	-70.71	0.00125	-21.21	-63.64	0.00119
-24.75	-60.10	0.00114	-28.28	-56.57	0.00108
-30.41	-54.45	0.00104	-31.82	-53.03	0.00102
-33.23	-51.62	0.00100	-34.65	-50.20	0.00098
-36.06	-48.79	0.00095	-48.79	-36.06	0.00084
-50.20	-34.65	0.00086	-51.62	-33.23	0.00087
-53.03	-31.82	0.00089	-54.45	-30.41	0.00090
-56.57	-28.28	0.00092	-60.10	-24.75	0.00094
-63.64	-21.21	0.00094	-70.71	-14.14	0.00090
-77.78	-7.07	0.00085	-84.85	0.00	0.00078
-91.92	7.07	0.00070	-98.99	14.14	0.00063
-106.07	21.21	0.00057	-113.14	28.28	0.00051

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10

\*\*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	0.00080	14.14	-113.14	0.00084
7.07	-106.07	0.00087	0.00	-98.99	0.00090
-7.07	-91.92	0.00091	-14.14	-84.85	0.00090
-21.21	-77.78	0.00088	-28.28	-70.71	0.00085
-31.82	-67.18	0.00083	-35.36	-63.64	0.00081
-37.48	-61.52	0.00080	-38.89	-60.10	0.00079
-40.31	-58.69	0.00078	-41.72	-57.28	0.00077
-43.13	-55.86	0.00075	-55.86	-43.13	0.00067
-57.28	-41.72	0.00067	-58.69	-40.31	0.00068
-60.10	-38.89	0.00068	-61.52	-37.48	0.00069
-63.64	-35.36	0.00070	-67.18	-31.82	0.00071
-70.71	-28.28	0.00072	-77.78	-21.21	0.00072
-84.85	-14.14	0.00068	-91.92	-7.07	0.00064
-98.99	0.00	0.00059	-106.07	7.07	0.00055
-113.14	14.14	0.00050	-120.21	21.21	0.00045
14.14	-127.28	0.00065	7.07	-120.21	0.00067
0.00	-113.14	0.00068	-7.07	-106.07	0.00069
-14.14	-98.99	0.00069	-21.21	-91.92	0.00068
-28.28	-84.85	0.00068	-35.36	-77.78	0.00067
-38.89	-74.25	0.00066	-42.43	-70.71	0.00066
-44.55	-68.59	0.00065	-45.96	-67.18	0.00064
-47.38	-65.76	0.00063	-48.79	-64.35	0.00062
-50.20	-62.93	0.00061	-62.93	-50.20	0.00054
-64.35	-48.79	0.00055	-65.76	-47.38	0.00055
-67.18	-45.96	0.00055	-68.59	-44.55	0.00056
-70.71	-42.43	0.00056	-74.25	-38.89	0.00056
-77.78	-35.36	0.00057	-84.85	-28.28	0.00058
-91.92	-21.21	0.00056	-98.99	-14.14	0.00053
-106.07	-7.07	0.00050	-113.14	0.00	0.00047
-120.21	7.07	0.00044	-127.28	14.14	0.00040
7.07	-134.35	0.00053	0.00	-127.28	0.00053
-7.07	-120.21	0.00054	-14.14	-113.14	0.00054
-21.21	-106.07	0.00054	-28.28	-98.99	0.00054
-35.36	-91.92	0.00054	-42.43	-84.85	0.00055
-45.96	-81.32	0.00055	-49.50	-77.78	0.00054
-51.62	-75.66	0.00054	-53.03	-74.25	0.00053
-54.45	-72.83	0.00052	-55.86	-71.42	0.00051
-57.28	-70.00	0.00050	-70.00	-57.28	0.00045
-71.42	-55.86	0.00045	-72.83	-54.45	0.00045

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-74.25      -53.03      0.00046      -75.66      -51.62      0.00046

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

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

14:47:10

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

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00032	-134.35	-21.21	0.00031
-141.42	-14.14	0.00030	-148.49	-7.07	0.00028
-14.14	-155.56	0.00031	-21.21	-148.49	0.00031
-28.28	-141.42	0.00031	-35.36	-134.35	0.00031
-42.43	-127.28	0.00032	-49.50	-120.21	0.00033
-56.57	-113.14	0.00034	-63.64	-106.07	0.00034
-67.18	-102.53	0.00033	-70.71	-98.99	0.00032

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

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

14:47:10

\*\*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	0.00032	-74.25	-95.46	0.00031
-75.66	-94.05	0.00031	-77.07	-92.63	0.00030
-78.49	-91.22	0.00030	-91.22	-78.49	0.00027
-92.63	-77.07	0.00028	-94.05	-75.66	0.00028
-95.46	-74.25	0.00028	-96.87	-72.83	0.00028
-98.99	-70.71	0.00028	-102.53	-67.18	0.00028
-106.07	-63.64	0.00028	-113.14	-56.57	0.00028
-120.21	-49.50	0.00028	-127.28	-42.43	0.00027
-134.35	-35.36	0.00027	-141.42	-28.28	0.00027
-148.49	-21.21	0.00026	-155.56	-14.14	0.00025
-21.21	-162.63	0.00026	-28.28	-155.56	0.00027
-35.36	-148.49	0.00027	-42.43	-141.42	0.00027
-49.50	-134.35	0.00028	-56.57	-127.28	0.00029
-63.64	-120.21	0.00029	-70.71	-113.14	0.00029
-74.25	-109.60	0.00028	-77.78	-106.07	0.00028
-79.90	-103.94	0.00027	-81.32	-102.53	0.00027
-82.73	-101.12	0.00026	-84.15	-99.70	0.00026
-85.56	-98.29	0.00025	-98.29	-85.56	0.00024
-99.70	-84.15	0.00024	-101.12	-82.73	0.00024
-102.53	-81.32	0.00024	-103.94	-79.90	0.00024
-106.07	-77.78	0.00024	-109.60	-74.25	0.00024
-113.14	-70.71	0.00024	-120.21	-63.64	0.00024
-127.28	-56.57	0.00024	-134.35	-49.50	0.00024
-141.42	-42.43	0.00024	-148.49	-35.36	0.00023
-155.56	-28.28	0.00023	-162.63	-21.21	0.00022
-28.28	-169.71	0.00023	-35.36	-162.63	0.00023
-42.43	-155.56	0.00023	-49.50	-148.49	0.00024



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00025	-63.64	-134.35	0.00025
-70.71	-127.28	0.00026	-77.78	-120.21	0.00025
-81.32	-116.67	0.00025	-84.85	-113.14	0.00024
-86.97	-111.02	0.00023	-88.39	-109.60	0.00023
-89.80	-108.19	0.00023	-91.22	-106.77	0.00022
-92.63	-105.36	0.00022	-105.36	-92.63	0.00021
-106.77	-91.22	0.00021	-108.19	-89.80	0.00021
-109.60	-88.39	0.00021	-111.02	-86.97	0.00021
-113.14	-84.85	0.00021	-116.67	-81.32	0.00021
-120.21	-77.78	0.00021	-127.28	-70.71	0.00021
-134.35	-63.64	0.00021	-141.42	-56.57	0.00021
-148.49	-49.50	0.00021	-155.56	-42.43	0.00020
-162.63	-35.36	0.00020	-169.71	-28.28	0.00020

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

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

14:47:10

\*\*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	0.00020	-42.43	-169.71	0.00020
-49.50	-162.63	0.00021	-56.57	-155.56	0.00021
-63.64	-148.49	0.00022	-70.71	-141.42	0.00023
-77.78	-134.35	0.00023	-84.85	-127.28	0.00022
-88.39	-123.74	0.00021	-91.92	-120.21	0.00021
-94.05	-118.09	0.00020	-95.46	-116.67	0.00020
-96.87	-115.26	0.00020	-98.29	-113.84	0.00020
-99.70	-112.43	0.00019	-112.43	-99.70	0.00018
-113.84	-98.29	0.00018	-115.26	-96.87	0.00018
-116.67	-95.46	0.00018	-118.09	-94.05	0.00018
-120.21	-91.92	0.00018	-123.74	-88.39	0.00019
-127.28	-84.85	0.00019	-134.35	-77.78	0.00019
-141.42	-70.71	0.00019	-148.49	-63.64	0.00018
-155.56	-56.57	0.00018	-162.63	-49.50	0.00018
-169.71	-42.43	0.00018	-176.78	-35.36	0.00018
-42.43	-183.85	0.00018	-49.50	-176.78	0.00018
-56.57	-169.71	0.00019	-63.64	-162.63	0.00019
-70.71	-155.56	0.00020	-77.78	-148.49	0.00020
-84.85	-141.42	0.00020	-91.92	-134.35	0.00019
-95.46	-130.81	0.00019	-98.99	-127.28	0.00018
-101.12	-125.16	0.00018	-102.53	-123.74	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00018	-105.36	-120.92	0.00017
-106.77	-119.50	0.00017	-119.50	-106.77	0.00016
-120.92	-105.36	0.00016	-122.33	-103.94	0.00016
-123.74	-102.53	0.00016	-125.16	-101.12	0.00016
-127.28	-98.99	0.00016	-130.81	-95.46	0.00016
-134.35	-91.92	0.00016	-141.42	-84.85	0.00017
-148.49	-77.78	0.00017	-155.56	-70.71	0.00017
-162.63	-63.64	0.00016	-169.71	-56.57	0.00016
-176.78	-49.50	0.00016	-183.85	-42.43	0.00016
-49.50	-190.92	0.00016	-56.57	-183.85	0.00017
-63.64	-176.78	0.00017	-70.71	-169.71	0.00017
-77.78	-162.63	0.00018	-84.85	-155.56	0.00018
-91.92	-148.49	0.00018	-98.99	-141.42	0.00017
-102.53	-137.89	0.00017	-106.07	-134.35	0.00016
-108.19	-132.23	0.00016	-109.60	-130.81	0.00016
-111.02	-129.40	0.00016	-112.43	-127.99	0.00016
-113.84	-126.57	0.00015	-126.57	-113.84	0.00015
-127.99	-112.43	0.00015	-129.40	-111.02	0.00015
-130.81	-109.60	0.00015	-132.23	-108.19	0.00015

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

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 79

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00013	-144.96	-109.60	0.00013
-148.49	-106.07	0.00013	-155.56	-98.99	0.00013
-162.63	-91.92	0.00013	-169.71	-84.85	0.00013
-176.78	-77.78	0.00013	-183.85	-70.71	0.00013
-190.92	-63.64	0.00013	-197.99	-56.57	0.00013
-63.64	-205.06	0.00013	-70.71	-197.99	0.00014
-77.78	-190.92	0.00014	-84.85	-183.85	0.00015
-91.92	-176.78	0.00015	-98.99	-169.71	0.00015
-106.07	-162.63	0.00014	-113.14	-155.56	0.00014
-116.67	-152.03	0.00013	-120.21	-148.49	0.00013
-122.33	-146.37	0.00013	-123.74	-144.96	0.00013
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00012	-140.71	-127.99	0.00012
-142.13	-126.57	0.00012	-143.54	-125.16	0.00012
-144.96	-123.74	0.00012	-146.37	-122.33	0.00012
-148.49	-120.21	0.00012	-152.03	-116.67	0.00012
-155.56	-113.14	0.00012	-162.63	-106.07	0.00012
-169.71	-98.99	0.00012	-176.78	-91.92	0.00012
-183.85	-84.85	0.00012	-190.92	-77.78	0.00012
-197.99	-70.71	0.00012	-205.06	-63.64	0.00011
-70.71	-212.13	0.00012	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00013
-98.99	-183.85	0.00013	-106.07	-176.78	0.00013
-113.14	-169.71	0.00013	-120.21	-162.63	0.00012
-123.74	-159.10	0.00012	-127.28	-155.56	0.00012

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 80

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

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

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00011	-212.13	-70.71	0.00010
-77.78	-219.20	0.00011	-84.85	-212.13	0.00012
-91.92	-205.06	0.00012	-98.99	-197.99	0.00012
-106.07	-190.92	0.00012	-113.14	-183.85	0.00012
-120.21	-176.78	0.00012	-127.28	-169.71	0.00011
-130.81	-166.17	0.00011	-134.35	-162.63	0.00011
-136.47	-160.51	0.00011	-137.89	-159.10	0.00011
-139.30	-157.68	0.00010	-140.71	-156.27	0.00010
-142.13	-154.86	0.00010	-154.86	-142.13	0.00010
-156.27	-140.71	0.00010	-157.68	-139.30	0.00010
-159.10	-137.89	0.00010	-160.51	-136.47	0.00010
-162.63	-134.35	0.00010	-166.17	-130.81	0.00010
-169.71	-127.28	0.00010	-176.78	-120.21	0.00010
-183.85	-113.14	0.00010	-190.92	-106.07	0.00010
-197.99	-98.99	0.00010	-205.06	-91.92	0.00010
-212.13	-84.85	0.00010	-219.20	-77.78	0.00010
-84.85	-226.27	0.00011	-91.92	-219.20	0.00011
-98.99	-212.13	0.00011	-106.07	-205.06	0.00011
-113.14	-197.99	0.00011	-120.21	-190.92	0.00011
-127.28	-183.85	0.00011	-134.35	-176.78	0.00010
-137.89	-173.24	0.00010	-141.42	-169.71	0.00010
-143.54	-167.58	0.00010	-144.96	-166.17	0.00010
-146.37	-164.76	0.00010	-147.79	-163.34	0.00010
-149.20	-161.93	0.00009	-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	0.00009	-183.85	-127.28	0.00009
-190.92	-120.21	0.00009	-197.99	-113.14	0.00009
-205.06	-106.07	0.00009	-212.13	-98.99	0.00009
-219.20	-91.92	0.00009	-226.27	-84.85	0.00009

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

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

14:47:10  
 \*\*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	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00010
-120.21	-205.06	0.00010	-127.28	-197.99	0.00010

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00010	-141.42	-183.85	0.00009
-144.96	-180.31	0.00009	-148.49	-176.78	0.00009
-150.61	-174.66	0.00009	-152.03	-173.24	0.00009
-153.44	-171.83	0.00009	-154.86	-170.41	0.00009
-156.27	-169.00	0.00009	-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	0.00008	-205.06	-120.21	0.00009
-212.13	-113.14	0.00009	-219.20	-106.07	0.00009
-226.27	-98.99	0.00008	-233.35	-91.92	0.00008
-98.99	-240.42	0.00009	-106.07	-233.35	0.00009
-113.14	-226.27	0.00010	-120.21	-219.20	0.00010
-127.28	-212.13	0.00010	-134.35	-205.06	0.00009
-141.42	-197.99	0.00009	-148.49	-190.92	0.00009
-152.03	-187.38	0.00008	-155.56	-183.85	0.00008
-157.68	-181.73	0.00008	-159.10	-180.31	0.00008
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00008
-177.48	-161.93	0.00008	-178.90	-160.51	0.00008
-180.31	-159.10	0.00008	-181.73	-157.68	0.00008
-183.85	-155.56	0.00008	-187.38	-152.03	0.00008
-190.92	-148.49	0.00008	-197.99	-141.42	0.00008
-205.06	-134.35	0.00008	-212.13	-127.28	0.00008
-219.20	-120.21	0.00008	-226.27	-113.14	0.00008
-233.35	-106.07	0.00008	-240.42	-98.99	0.00008
-106.07	-247.49	0.00009	-113.14	-240.42	0.00009
-120.21	-233.35	0.00009	-127.28	-226.27	0.00009
-134.35	-219.20	0.00009	-141.42	-212.13	0.00009
-148.49	-205.06	0.00008	-155.56	-197.99	0.00008
-159.10	-194.45	0.00008	-162.63	-190.92	0.00008
-164.76	-188.80	0.00008	-166.17	-187.38	0.00008
-167.58	-185.97	0.00008	-169.00	-184.55	0.00007
-170.41	-183.14	0.00007	-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 \*\*\*  
 04/20/08

\*\*\* 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 ,

12NCRA\_PL92-300\_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
-190.92	-162.63	0.00007	-194.45	-159.10	0.00007
-197.99	-155.56	0.00007	-205.06	-148.49	0.00007
-212.13	-141.42	0.00007	-219.20	-134.35	0.00007
-226.27	-127.28	0.00007	-233.35	-120.21	0.00007
-240.42	-113.14	0.00007	-247.49	-106.07	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
247.49	106.07	0.00015	240.42	113.14	0.00014
233.35	120.21	0.00013	226.27	127.28	0.00013
219.20	134.35	0.00012	212.13	141.42	0.00011
205.06	148.49	0.00011	197.99	155.56	0.00011
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	0.00009	184.55	169.00	0.00009
183.14	170.41	0.00009	170.41	183.14	0.00008
169.00	184.55	0.00008	167.58	185.97	0.00008
166.17	187.38	0.00007	164.76	188.80	0.00007
162.63	190.92	0.00007	159.10	194.45	0.00007
155.56	197.99	0.00007	148.49	205.06	0.00007
141.42	212.13	0.00006	134.35	219.20	0.00006
127.28	226.27	0.00006	120.21	233.35	0.00006
113.14	240.42	0.00006	106.07	247.49	0.00005
240.42	98.99	0.00018	233.35	106.07	0.00017
226.27	113.14	0.00016	219.20	120.21	0.00015
212.13	127.28	0.00014	205.06	134.35	0.00013
197.99	141.42	0.00013	190.92	148.49	0.00012
187.38	152.03	0.00012	183.85	155.56	0.00011
181.73	157.68	0.00011	180.31	159.10	0.00011
178.90	160.51	0.00011	177.48	161.93	0.00011
176.07	163.34	0.00010	163.34	176.07	0.00009
161.93	177.48	0.00009	160.51	178.90	0.00008
159.10	180.31	0.00008	157.68	181.73	0.00008
155.56	183.85	0.00008	152.03	187.38	0.00008

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00008	141.42	197.99	0.00007
134.35	205.06	0.00007	127.28	212.13	0.00007
120.21	219.20	0.00007	113.14	226.27	0.00007
106.07	233.35	0.00006	98.99	240.42	0.00006
233.35	91.92	0.00021	226.27	98.99	0.00020
219.20	106.07	0.00019	212.13	113.14	0.00018
205.06	120.21	0.00017	197.99	127.28	0.00016
190.92	134.35	0.00015	183.85	141.42	0.00014
180.31	144.96	0.00014	176.78	148.49	0.00013
174.66	150.61	0.00013	173.24	152.03	0.00013
171.83	153.44	0.00013	170.41	154.86	0.00012
169.00	156.27	0.00012	156.27	169.00	0.00010
154.86	170.41	0.00010	153.44	171.83	0.00010
152.03	173.24	0.00009	150.61	174.66	0.00009

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

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

14:47:10

\*\*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	0.00009	144.96	180.31	0.00009
141.42	183.85	0.00009	134.35	190.92	0.00009
127.28	197.99	0.00008	120.21	205.06	0.00008
113.14	212.13	0.00008	106.07	219.20	0.00007
99.00	226.27	0.00007	91.92	233.35	0.00006
226.27	84.85	0.00026	219.20	91.92	0.00024
212.13	98.99	0.00023	205.06	106.07	0.00022
197.99	113.14	0.00020	190.92	120.21	0.00019
183.85	127.28	0.00017	176.78	134.35	0.00017
173.24	137.89	0.00016	169.71	141.42	0.00016
167.58	143.54	0.00015	166.17	144.96	0.00015
164.76	146.37	0.00015	163.34	147.79	0.00014
161.93	149.20	0.00014	149.20	161.93	0.00011
147.79	163.34	0.00011	146.37	164.76	0.00011
144.96	166.17	0.00011	143.54	167.58	0.00011
141.42	169.71	0.00011	137.89	173.24	0.00010
134.35	176.78	0.00010	127.28	183.85	0.00010
120.21	190.92	0.00010	113.14	197.99	0.00009
106.07	205.06	0.00009	99.00	212.13	0.00008
91.92	219.20	0.00007	84.85	226.27	0.00007

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00032	212.13	84.85	0.00030
205.06	91.92	0.00029	197.99	98.99	0.00027
190.92	106.07	0.00025	183.85	113.14	0.00023
176.78	120.21	0.00021	169.71	127.28	0.00020
166.17	130.81	0.00019	162.63	134.35	0.00018
160.51	136.47	0.00018	159.10	137.89	0.00018
157.68	139.30	0.00017	156.27	140.71	0.00017
154.86	142.13	0.00017	142.13	154.86	0.00013
140.71	156.27	0.00013	139.30	157.68	0.00013
137.89	159.10	0.00013	136.47	160.51	0.00012
134.35	162.63	0.00012	130.81	166.17	0.00012
127.28	169.71	0.00012	120.21	176.78	0.00011
113.14	183.85	0.00011	106.07	190.92	0.00011
99.00	197.99	0.00010	91.92	205.06	0.00009
84.85	212.13	0.00008	77.78	219.20	0.00008
212.13	70.71	0.00040	205.06	77.78	0.00038
197.99	84.85	0.00036	190.92	91.92	0.00034
183.85	98.99	0.00031	176.78	106.07	0.00029
169.71	113.14	0.00026	162.63	120.21	0.00024
159.10	123.74	0.00023	155.56	127.28	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
153.44	129.40	0.00022	152.03	130.81	0.00021
150.61	132.23	0.00021	149.20	133.64	0.00020
147.79	135.06	0.00020	135.06	147.79	0.00016
133.64	149.20	0.00015	132.23	150.61	0.00015
130.81	152.03	0.00015	129.40	153.44	0.00015
127.28	155.56	0.00014	123.74	159.10	0.00014
120.21	162.63	0.00014	113.14	169.71	0.00014
106.07	176.78	0.00013	98.99	183.85	0.00012
91.92	190.92	0.00011	84.85	197.99	0.00010
77.78	205.06	0.00009	70.71	212.13	0.00009
205.06	63.64	0.00050	197.99	70.71	0.00049
190.92	77.78	0.00047	183.85	84.85	0.00044
176.78	91.92	0.00041	169.71	98.99	0.00038
162.63	106.07	0.00034	155.56	113.14	0.00030



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00029	148.49	120.21	0.00028
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00026	142.13	126.57	0.00025
140.71	127.99	0.00024	127.99	140.71	0.00019
126.57	142.13	0.00018	125.16	143.54	0.00018
123.74	144.96	0.00018	122.33	146.37	0.00018
120.21	148.49	0.00017	116.67	152.03	0.00017
113.14	155.56	0.00017	106.07	162.63	0.00016
98.99	169.71	0.00015	91.92	176.78	0.00013
84.85	183.85	0.00012	77.78	190.92	0.00011
70.71	197.99	0.00011	63.64	205.06	0.00010
197.99	56.57	0.00065	190.92	63.64	0.00064
183.85	70.71	0.00062	176.78	77.78	0.00059
169.71	84.85	0.00056	162.63	91.92	0.00051
155.56	98.99	0.00046	148.49	106.07	0.00040
144.96	109.60	0.00037	141.42	113.14	0.00035
139.30	115.26	0.00034	137.89	116.67	0.00033
136.47	118.09	0.00032	135.06	119.50	0.00031
133.64	120.92	0.00031	120.92	133.64	0.00023
119.50	135.06	0.00022	118.09	136.47	0.00022
116.67	137.89	0.00022	115.26	139.30	0.00021
113.14	141.42	0.00021	109.60	144.96	0.00021
106.07	148.49	0.00020	98.99	155.56	0.00019
91.92	162.63	0.00017	84.85	169.71	0.00016
77.78	176.78	0.00014	70.71	183.85	0.00013
63.64	190.92	0.00012	56.57	197.99	0.00012

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

14:47:10  
 \*\*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	0.00083	183.85	56.57	0.00084
176.78	63.64	0.00084	169.71	70.71	0.00082
162.63	77.78	0.00078	155.56	84.85	0.00073
148.49	91.92	0.00065	141.42	98.99	0.00056
137.89	102.53	0.00052	134.35	106.07	0.00047
132.23	108.19	0.00045	130.81	109.60	0.00044
129.40	111.02	0.00042	127.99	112.43	0.00041
126.57	113.84	0.00040	113.84	126.57	0.00029

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00028	111.02	129.40	0.00027
109.60	130.81	0.00027	108.19	132.23	0.00027
106.07	134.35	0.00026	102.53	137.89	0.00026
98.99	141.42	0.00025	91.92	148.49	0.00022
84.85	155.56	0.00020	77.78	162.63	0.00019
70.71	169.71	0.00017	63.64	176.78	0.00016
56.57	183.85	0.00015	49.50	190.92	0.00014
183.85	42.43	0.00104	176.78	49.50	0.00109
169.71	56.57	0.00113	162.63	63.64	0.00115
155.56	70.71	0.00114	148.49	77.78	0.00109
141.42	84.85	0.00100	134.35	91.92	0.00086
130.81	95.46	0.00078	127.28	98.99	0.00070
125.16	101.12	0.00065	123.74	102.53	0.00062
122.33	103.94	0.00059	120.92	105.36	0.00056
119.50	106.77	0.00054	106.77	119.50	0.00037
105.36	120.92	0.00036	103.94	122.33	0.00035
102.53	123.74	0.00035	101.12	125.16	0.00034
98.99	127.28	0.00034	95.46	130.81	0.00032
91.92	134.35	0.00030	84.85	141.42	0.00028
77.78	148.49	0.00026	70.71	155.56	0.00024
63.64	162.63	0.00022	56.57	169.71	0.00020
49.50	176.78	0.00019	42.43	183.85	0.00017
176.78	35.36	0.00128	169.71	42.43	0.00137
162.63	49.50	0.00147	155.56	56.57	0.00156
148.49	63.64	0.00163	141.42	70.71	0.00166
134.35	77.78	0.00163	127.28	84.85	0.00148
123.74	88.39	0.00136	120.21	91.92	0.00120
118.09	94.05	0.00110	116.67	95.46	0.00103
115.26	96.87	0.00095	113.84	98.29	0.00088
112.43	99.70	0.00082	99.70	112.43	0.00049
98.29	113.84	0.00048	96.87	115.26	0.00047
95.46	116.67	0.00046	94.05	118.09	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	120.21	0.00044	88.39	123.74	0.00042
84.85	127.28	0.00041	77.78	134.35	0.00037

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00034	63.64	148.49	0.00031
56.57	155.56	0.00028	49.50	162.63	0.00026
42.43	169.71	0.00024	35.36	176.78	0.00022
169.71	28.28	0.00153	162.63	35.36	0.00168
155.56	42.43	0.00184	148.49	49.50	0.00202
141.42	56.57	0.00221	134.35	63.64	0.00240
127.28	70.71	0.00256	120.21	77.78	0.00263
116.67	81.32	0.00260	113.14	84.85	0.00249
111.02	86.97	0.00236	109.60	88.39	0.00224
108.19	89.80	0.00210	106.77	91.22	0.00193
105.36	92.63	0.00172	92.63	105.36	0.00071
91.22	106.77	0.00070	89.80	108.19	0.00070
88.39	109.60	0.00069	86.97	111.02	0.00068
84.85	113.14	0.00067	81.32	116.67	0.00064
77.78	120.21	0.00061	70.71	127.28	0.00055
63.64	134.35	0.00049	56.57	141.42	0.00043
49.50	148.49	0.00038	42.43	155.56	0.00034
35.36	162.63	0.00031	28.28	169.71	0.00028
162.63	21.21	0.00176	155.56	28.28	0.00197
148.49	35.36	0.00220	141.42	42.43	0.00247
134.35	49.50	0.00279	127.28	56.57	0.00314
120.21	63.64	0.00352	113.14	70.71	0.00389
109.60	74.25	0.00405	106.07	77.78	0.00415
103.94	79.90	0.00418	102.53	81.32	0.00418
101.12	82.73	0.00417	99.70	84.15	0.00416
98.29	85.56	0.00414	85.56	98.29	0.00146
84.15	99.70	0.00139	82.73	101.12	0.00134
81.32	102.53	0.00129	79.90	103.94	0.00125
77.78	106.07	0.00118	74.25	109.60	0.00109
70.71	113.14	0.00099	63.64	120.21	0.00083
56.57	127.28	0.00070	49.50	134.35	0.00059
42.43	141.42	0.00051	35.36	148.49	0.00045
28.28	155.56	0.00039	21.21	162.63	0.00035
155.56	14.14	0.00195	148.49	21.21	0.00220
141.42	28.28	0.00249	134.35	35.36	0.00283
127.28	42.43	0.00323	120.21	49.50	0.00368
113.14	56.57	0.00417	106.07	63.64	0.00461
102.53	67.18	0.00477	98.99	70.71	0.00485

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

\*\*\*

12NCRA PL92-300 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	0.00483	95.46	74.25	0.00480
94.05	75.66	0.00474	92.63	77.07	0.00467
91.22	78.49	0.00460	78.49	91.22	0.00183
77.07	92.63	0.00178	75.66	94.05	0.00173
74.25	95.46	0.00169	72.83	96.87	0.00164
70.71	98.99	0.00158	67.18	102.53	0.00146
63.64	106.07	0.00134	56.57	113.14	0.00111
49.50	120.21	0.00092	42.43	127.28	0.00077
35.36	134.35	0.00065	28.28	141.42	0.00056
21.21	148.49	0.00049	14.14	155.56	0.00042
148.49	7.07	0.00208	141.42	14.14	0.00236
134.35	21.21	0.00269	127.28	28.28	0.00308
120.21	35.36	0.00352	113.14	42.43	0.00401
106.07	49.50	0.00451	98.99	56.57	0.00493
95.46	60.10	0.00506	91.92	63.64	0.00510
89.80	65.76	0.00507	88.39	67.18	0.00502
86.97	68.59	0.00494	85.56	70.00	0.00486
84.15	71.42	0.00479	71.42	84.15	0.00201
70.00	85.56	0.00196	68.59	86.97	0.00192
67.18	88.39	0.00189	65.76	89.80	0.00186
63.64	91.92	0.00180	60.10	95.46	0.00168
56.57	98.99	0.00155	49.50	106.07	0.00130
42.43	113.14	0.00109	35.36	120.21	0.00092
28.28	127.28	0.00078	21.21	134.35	0.00066
14.14	141.42	0.00057	7.07	148.49	0.00049
141.42	0.00	0.00214	134.35	7.07	0.00244
127.28	14.14	0.00279	120.21	21.21	0.00320
113.14	28.28	0.00366	106.07	35.36	0.00416
98.99	42.43	0.00466	91.92	49.50	0.00508
88.39	53.03	0.00520	84.85	56.57	0.00522
82.73	58.69	0.00518	81.32	60.10	0.00513
79.90	61.52	0.00507	78.49	62.93	0.00499
77.07	64.35	0.00491	64.35	77.07	0.00212
62.93	78.49	0.00207	61.52	79.90	0.00204
60.10	81.32	0.00201	58.69	82.73	0.00198
56.57	84.85	0.00193	53.03	88.39	0.00182
49.50	91.92	0.00170	42.43	98.99	0.00144
35.36	106.07	0.00121	28.28	113.14	0.00103
21.21	120.21	0.00087	14.14	127.28	0.00074
7.07	134.35	0.00064	0.00	141.42	0.00055

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

\*\*\* 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	0.00212	127.28	0.00	0.00243
120.21	7.07	0.00279	113.14	14.14	0.00320
106.07	21.21	0.00367	98.99	28.28	0.00418
91.92	35.36	0.00469	84.85	42.43	0.00511
81.32	45.96	0.00524	77.78	49.50	0.00527
75.66	51.62	0.00524	74.25	53.03	0.00519
72.83	54.45	0.00513	71.42	55.86	0.00505
70.00	57.28	0.00496	57.28	70.00	0.00219
55.86	71.42	0.00214	54.45	72.83	0.00211
53.03	74.25	0.00208	51.62	75.66	0.00205
49.50	77.78	0.00200	45.96	81.32	0.00190
42.43	84.85	0.00178	35.36	91.92	0.00154
28.28	98.99	0.00130	21.21	106.07	0.00110
14.14	113.14	0.00094	7.07	120.21	0.00080
0.00	127.28	0.00069	-7.07	134.35	0.00060
127.28	-14.14	0.00203	120.21	-7.07	0.00233
113.14	0.00	0.00267	106.07	7.07	0.00308
98.99	14.14	0.00355	91.92	21.21	0.00407
84.85	28.28	0.00460	77.78	35.36	0.00505
74.25	38.89	0.00520	70.71	42.43	0.00525
68.59	44.55	0.00523	67.18	45.96	0.00519
65.76	47.38	0.00512	64.35	48.79	0.00505
62.93	50.20	0.00496	50.20	62.93	0.00221
48.79	64.35	0.00217	47.38	65.76	0.00214
45.96	67.18	0.00212	44.55	68.59	0.00209
42.43	70.71	0.00204	38.89	74.25	0.00194
35.36	77.78	0.00183	28.28	84.85	0.00159
21.21	91.92	0.00136	14.14	98.99	0.00115
7.07	106.07	0.00098	0.00	113.14	0.00084
-7.07	120.21	0.00072	-14.14	127.28	0.00063
120.21	-21.21	0.00188	113.14	-14.14	0.00214
106.07	-7.07	0.00246	98.99	0.00	0.00283
91.92	7.07	0.00327	84.85	14.14	0.00378
77.78	21.21	0.00432	70.71	28.28	0.00482

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00500	63.64	35.36	0.00510
61.52	37.48	0.00511	60.10	38.89	0.00508
58.69	40.31	0.00503	57.28	41.72	0.00496
55.86	43.13	0.00489	43.13	55.86	0.00220
41.72	57.28	0.00216	40.31	58.69	0.00213
38.89	60.10	0.00210	37.48	61.52	0.00208

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

\*\*\* 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	0.00203	31.82	67.18	0.00194
28.28	70.71	0.00184	21.21	77.78	0.00161
14.14	84.85	0.00138	7.07	91.92	0.00117
0.00	98.99	0.00100	-7.07	106.07	0.00085
-14.14	113.14	0.00074	-21.21	120.21	0.00064
113.14	-28.28	0.00168	106.07	-21.21	0.00190
98.99	-14.14	0.00216	91.92	-7.07	0.00246
84.85	0.00	0.00283	77.78	7.07	0.00325
70.71	14.14	0.00374	63.64	21.21	0.00425
60.10	24.75	0.00449	56.57	28.28	0.00466
54.45	30.41	0.00472	53.03	31.82	0.00473
51.62	33.23	0.00472	50.20	34.65	0.00469
48.79	36.06	0.00466	36.06	48.79	0.00212
34.65	50.20	0.00208	33.23	51.62	0.00206
31.82	53.03	0.00204	30.41	54.45	0.00202
28.28	56.57	0.00198	24.75	60.10	0.00189
21.21	63.64	0.00178	14.14	70.71	0.00156
7.07	77.78	0.00134	0.00	84.85	0.00115
-7.07	91.92	0.00098	-14.14	98.99	0.00084
-21.21	106.07	0.00073	-28.28	113.14	0.00063
106.07	-35.36	0.00145	98.99	-28.28	0.00161
91.92	-21.21	0.00180	84.85	-14.14	0.00202
77.78	-7.07	0.00227	70.71	0.00	0.00254
63.64	7.07	0.00284	56.57	14.14	0.00314
53.03	17.68	0.00328	49.50	21.21	0.00342
47.38	23.33	0.00350	45.96	24.75	0.00355
44.55	26.16	0.00362	43.13	27.58	0.00369
41.72	28.99	0.00379	28.99	41.72	0.00194

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00190	26.16	44.55	0.00187
24.75	45.96	0.00185	23.33	47.38	0.00182
21.21	49.50	0.00178	17.68	53.03	0.00171
14.14	56.57	0.00161	7.07	63.64	0.00142
0.00	70.71	0.00124	-7.07	77.78	0.00107
-14.14	84.85	0.00092	-21.21	91.92	0.00080
-28.28	98.99	0.00069	-35.36	106.07	0.00061
98.99	-42.43	0.00121	91.92	-35.36	0.00132
84.85	-28.28	0.00144	77.78	-21.21	0.00157
70.71	-14.14	0.00170	63.64	-7.07	0.00181
56.57	0.00	0.00190	49.50	7.07	0.00190
45.96	10.61	0.00186	42.43	14.14	0.00177

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	0.00169	38.89	17.68	0.00163
37.48	19.09	0.00156	36.06	20.51	0.00149
34.65	21.92	0.00141	21.92	34.65	0.00121
20.51	36.06	0.00123	19.09	37.48	0.00125
17.68	38.89	0.00127	16.26	40.31	0.00128
14.14	42.43	0.00129	10.61	45.96	0.00129
7.07	49.50	0.00126	0.00	56.57	0.00117
-7.07	63.64	0.00105	-14.14	70.71	0.00093
-21.21	77.78	0.00082	-28.28	84.85	0.00072
-35.36	91.92	0.00064	-42.43	98.99	0.00056
91.92	-49.50	0.00099	84.85	-42.43	0.00106
77.78	-35.36	0.00113	70.71	-28.28	0.00119
63.64	-21.21	0.00124	56.57	-14.14	0.00126
49.50	-7.07	0.00125	42.43	0.00	0.00119
38.89	3.54	0.00114	35.36	7.07	0.00108
33.23	9.19	0.00104	31.82	10.61	0.00102
30.41	12.02	0.00100	28.99	13.44	0.00098
27.58	14.85	0.00095	14.85	27.58	0.00084
13.44	28.99	0.00086	12.02	30.41	0.00087
10.61	31.82	0.00089	9.19	33.23	0.00090
7.07	35.36	0.00092	3.54	38.89	0.00094
0.00	42.43	0.00094	-7.07	49.50	0.00090

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00078
-28.28	70.71	0.00070	-35.36	77.78	0.00063
-42.43	84.85	0.00057	-49.50	91.92	0.00051
84.85	-56.57	0.00080	77.78	-49.50	0.00084
70.71	-42.43	0.00087	63.64	-35.36	0.00090
56.57	-28.28	0.00091	49.50	-21.21	0.00090
42.43	-14.14	0.00088	35.36	-7.07	0.00085
31.82	-3.54	0.00083	28.28	0.00	0.00081
26.16	2.12	0.00080	24.75	3.54	0.00079
23.33	4.95	0.00078	21.92	6.36	0.00077
20.51	7.78	0.00075	7.78	20.51	0.00067
6.36	21.92	0.00067	4.95	23.33	0.00068
3.54	24.75	0.00068	2.12	26.16	0.00069
0.00	28.28	0.00070	-3.54	31.82	0.00071
-7.07	35.36	0.00072	-14.14	42.43	0.00072
-21.21	49.50	0.00068	-28.28	56.57	0.00064
-35.36	63.64	0.00059	-42.43	70.71	0.00055
-49.50	77.78	0.00050	-56.57	84.85	0.00045

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

\*\*\* 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
77.78	-63.64	0.00065	70.71	-56.57	0.00067
63.64	-49.50	0.00068	56.57	-42.43	0.00069
49.50	-35.36	0.00069	42.43	-28.28	0.00068
35.36	-21.21	0.00068	28.28	-14.14	0.00067
24.75	-10.61	0.00066	21.21	-7.07	0.00066
19.09	-4.95	0.00065	17.68	-3.54	0.00064
16.26	-2.12	0.00063	14.85	-0.71	0.00062
13.44	0.71	0.00061	0.71	13.44	0.00054
-0.71	14.85	0.00055	-2.12	16.26	0.00055
-3.54	17.68	0.00055	-4.95	19.09	0.00056
-7.07	21.21	0.00056	-10.61	24.75	0.00056
-14.14	28.28	0.00057	-21.21	35.36	0.00058
-28.28	42.43	0.00056	-35.36	49.50	0.00053
-42.43	56.57	0.00050	-49.50	63.64	0.00047
-56.57	70.71	0.00044	-63.64	77.78	0.00040
70.71	-70.71	0.00053	63.64	-63.64	0.00053



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00054	49.50	-49.50	0.00054
42.43	-42.43	0.00054	35.36	-35.36	0.00054
28.28	-28.28	0.00054	21.21	-21.21	0.00055
17.68	-17.68	0.00055	14.14	-14.14	0.00054
12.02	-12.02	0.00054	10.61	-10.61	0.00053
9.19	-9.19	0.00052	7.78	-7.78	0.00051
6.36	-6.36	0.00050	-6.36	6.36	0.00045
-7.78	7.78	0.00045	-9.19	9.19	0.00045
-10.61	10.61	0.00046	-12.02	12.02	0.00046
-14.14	14.14	0.00046	-17.68	17.68	0.00046
-21.21	21.21	0.00046	-28.28	28.28	0.00047
-35.36	35.36	0.00047	-42.43	42.43	0.00045
-49.50	49.50	0.00043	-56.57	56.57	0.00041
-63.64	63.64	0.00038	-70.71	70.71	0.00035
63.64	-77.78	0.00043	56.57	-70.71	0.00044
49.50	-63.64	0.00044	42.43	-56.57	0.00044
35.36	-49.50	0.00044	28.28	-42.43	0.00045
21.21	-35.36	0.00045	14.14	-28.28	0.00046
10.61	-24.75	0.00046	7.07	-21.21	0.00045
4.95	-19.09	0.00044	3.54	-17.68	0.00044
2.12	-16.26	0.00043	0.71	-14.85	0.00042
-0.71	-13.44	0.00041	-13.44	-0.71	0.00038
-14.85	0.71	0.00038	-16.26	2.12	0.00038
-17.68	3.54	0.00038	-19.09	4.95	0.00038

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

14:47:10  
 \*\*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
-21.21	7.07	0.00039	-24.75	10.61	0.00039
-28.28	14.14	0.00039	-35.36	21.21	0.00039
-42.43	28.28	0.00039	-49.50	35.36	0.00038
-56.57	42.43	0.00037	-63.64	49.50	0.00035
-70.71	56.57	0.00033	-77.78	63.64	0.00032
56.57	-84.85	0.00036	49.50	-77.78	0.00036
42.43	-70.71	0.00037	35.36	-63.64	0.00037
28.28	-56.57	0.00037	21.21	-49.50	0.00038
14.14	-42.43	0.00039	7.07	-35.36	0.00039
3.54	-31.82	0.00039	0.00	-28.28	0.00038

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00037	-3.54	-24.75	0.00037
-4.95	-23.33	0.00036	-6.36	-21.92	0.00035
-7.78	-20.51	0.00035	-20.51	-7.78	0.00032
-21.92	-6.36	0.00032	-23.33	-4.95	0.00032
-24.75	-3.54	0.00032	-26.16	-2.12	0.00032
-28.28	0.00	0.00033	-31.82	3.54	0.00033
-35.36	7.07	0.00033	-42.43	14.14	0.00033
-49.50	21.21	0.00032	-56.57	28.28	0.00032
-63.64	35.36	0.00032	-70.71	42.43	0.00031
-77.78	49.50	0.00030	-84.85	56.57	0.00028
49.50	-91.92	0.00031	42.43	-84.85	0.00031
35.36	-77.78	0.00031	28.28	-70.71	0.00031
21.21	-63.64	0.00032	14.14	-56.57	0.00033
7.07	-49.50	0.00034	0.00	-42.43	0.00034
-3.54	-38.89	0.00033	-7.07	-35.36	0.00032
-9.19	-33.23	0.00032	-10.61	-31.82	0.00031
-12.02	-30.41	0.00031	-13.44	-28.99	0.00030
-14.85	-27.58	0.00030	-27.58	-14.85	0.00027
-28.99	-13.44	0.00028	-30.41	-12.02	0.00028
-31.82	-10.61	0.00028	-33.23	-9.19	0.00028
-35.36	-7.07	0.00028	-38.89	-3.54	0.00028
-42.43	0.00	0.00028	-49.50	7.07	0.00028
-56.57	14.14	0.00028	-63.64	21.21	0.00027
-70.71	28.28	0.00027	-77.78	35.36	0.00027
-84.85	42.43	0.00026	-91.92	49.50	0.00025
42.43	-98.99	0.00026	35.36	-91.92	0.00027
28.28	-84.85	0.00027	21.21	-77.78	0.00027
14.14	-70.71	0.00028	7.07	-63.64	0.00029
0.00	-56.57	0.00029	-7.07	-49.50	0.00029
-10.61	-45.96	0.00028	-14.14	-42.43	0.00028

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

14:47:10  
 \*\*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	0.00027	-17.68	-38.89	0.00027
-19.09	-37.48	0.00026	-20.51	-36.06	0.00026
-21.92	-34.65	0.00025	-34.65	-21.92	0.00024
-36.06	-20.51	0.00024	-37.48	-19.09	0.00024

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00024	-40.31	-16.26	0.00024
-42.43	-14.14	0.00024	-45.96	-10.61	0.00024
-49.50	-7.07	0.00024	-56.57	0.00	0.00024
-63.64	7.07	0.00024	-70.71	14.14	0.00024
-77.78	21.21	0.00024	-84.85	28.28	0.00023
-91.92	35.36	0.00023	-98.99	42.43	0.00022
35.36	-106.07	0.00023	28.28	-98.99	0.00023
21.21	-91.92	0.00023	14.14	-84.85	0.00024
7.07	-77.78	0.00025	0.00	-70.71	0.00025
-7.07	-63.64	0.00026	-14.14	-56.57	0.00025
-17.68	-53.03	0.00025	-21.21	-49.50	0.00024
-23.33	-47.38	0.00023	-24.75	-45.96	0.00023
-26.16	-44.55	0.00023	-27.58	-43.13	0.00022
-28.99	-41.72	0.00022	-41.72	-28.99	0.00021
-43.13	-27.58	0.00021	-44.55	-26.16	0.00021
-45.96	-24.75	0.00021	-47.38	-23.33	0.00021
-49.50	-21.21	0.00021	-53.03	-17.68	0.00021
-56.57	-14.14	0.00021	-63.64	-7.07	0.00021
-70.71	0.00	0.00021	-77.78	7.07	0.00021
-84.85	14.14	0.00021	-91.92	21.21	0.00020
-98.99	28.28	0.00020	-106.07	35.36	0.00020
28.28	-113.14	0.00020	21.21	-106.07	0.00020
14.14	-98.99	0.00021	7.07	-91.92	0.00021
0.00	-84.85	0.00022	-7.07	-77.78	0.00023
-14.14	-70.71	0.00023	-21.21	-63.64	0.00022
-24.75	-60.10	0.00021	-28.28	-56.57	0.00021
-30.41	-54.45	0.00020	-31.82	-53.03	0.00020
-33.23	-51.62	0.00020	-34.65	-50.20	0.00020
-36.06	-48.79	0.00019	-48.79	-36.06	0.00018
-50.20	-34.65	0.00018	-51.62	-33.23	0.00018
-53.03	-31.82	0.00018	-54.45	-30.41	0.00018
-56.57	-28.28	0.00018	-60.10	-24.75	0.00019
-63.64	-21.21	0.00019	-70.71	-14.14	0.00019
-77.78	-7.07	0.00019	-84.85	0.00	0.00018
-91.92	7.07	0.00018	-98.99	14.14	0.00018
-106.07	21.21	0.00018	-113.14	28.28	0.00018

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

12NCRA\_PL92-300\_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	0.00018	14.14	-113.14	0.00018
7.07	-106.07	0.00019	0.00	-98.99	0.00019
-7.07	-91.92	0.00020	-14.14	-84.85	0.00020
-21.21	-77.78	0.00020	-28.28	-70.71	0.00019
-31.82	-67.18	0.00019	-35.36	-63.64	0.00018
-37.48	-61.52	0.00018	-38.89	-60.10	0.00018
-40.31	-58.69	0.00018	-41.72	-57.28	0.00017
-43.13	-55.86	0.00017	-55.86	-43.13	0.00016
-57.28	-41.72	0.00016	-58.69	-40.31	0.00016
-60.10	-38.89	0.00016	-61.52	-37.48	0.00016
-63.64	-35.36	0.00016	-67.18	-31.82	0.00016
-70.71	-28.28	0.00016	-77.78	-21.21	0.00017
-84.85	-14.14	0.00017	-91.92	-7.07	0.00017
-98.99	0.00	0.00016	-106.07	7.07	0.00016
-113.14	14.14	0.00016	-120.21	21.21	0.00016
14.14	-127.28	0.00016	7.07	-120.21	0.00017
0.00	-113.14	0.00017	-7.07	-106.07	0.00017
-14.14	-98.99	0.00018	-21.21	-91.92	0.00018
-28.28	-84.85	0.00018	-35.36	-77.78	0.00017
-38.89	-74.25	0.00017	-42.43	-70.71	0.00016
-44.55	-68.59	0.00016	-45.96	-67.18	0.00016
-47.38	-65.76	0.00016	-48.79	-64.35	0.00016
-50.20	-62.93	0.00015	-62.93	-50.20	0.00015
-64.35	-48.79	0.00015	-65.76	-47.38	0.00015
-67.18	-45.96	0.00015	-68.59	-44.55	0.00015
-70.71	-42.43	0.00015	-74.25	-38.89	0.00015
-77.78	-35.36	0.00015	-84.85	-28.28	0.00015
-91.92	-21.21	0.00015	-98.99	-14.14	0.00015
-106.07	-7.07	0.00015	-113.14	0.00	0.00014
-120.21	7.07	0.00014	-127.28	14.14	0.00014
7.07	-134.35	0.00015	0.00	-127.28	0.00015
-7.07	-120.21	0.00015	-14.14	-113.14	0.00016
-21.21	-106.07	0.00016	-28.28	-98.99	0.00016
-35.36	-91.92	0.00016	-42.43	-84.85	0.00015
-45.96	-81.32	0.00015	-49.50	-77.78	0.00015
-51.62	-75.66	0.00014	-53.03	-74.25	0.00014
-54.45	-72.83	0.00014	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00013
-71.42	-55.86	0.00013	-72.83	-54.45	0.00013
-74.25	-53.03	0.00013	-75.66	-51.62	0.00013

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

\*\*\* 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	0.00013	-81.32	-45.96	0.00013	
-84.85	-42.43	0.00013	-91.92	-35.36	0.00013	
-98.99	-28.28	0.00013	-106.07	-21.21	0.00013	
-113.14	-14.14	0.00013	-120.21	-7.07	0.00013	
-127.28	0.00	0.00013	-134.35	7.07	0.00013	
0.00	-141.42	0.00013	-7.07	-134.35	0.00014	
-14.14	-127.28	0.00014	-21.21	-120.21	0.00015	
-28.28	-113.14	0.00015	-35.36	-106.07	0.00015	
-42.43	-98.99	0.00014	-49.50	-91.92	0.00014	
-53.03	-88.39	0.00013	-56.57	-84.85	0.00013	
-58.69	-82.73	0.00013	-60.10	-81.32	0.00013	
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013	
-64.35	-77.07	0.00012	-77.07	-64.35	0.00012	
-78.49	-62.93	0.00012	-79.90	-61.52	0.00012	
-81.32	-60.10	0.00012	-82.73	-58.69	0.00012	
-84.85	-56.57	0.00012	-88.39	-53.03	0.00012	
-91.92	-49.50	0.00012	-98.99	-42.43	0.00012	
-106.07	-35.36	0.00012	-113.14	-28.28	0.00012	
-120.21	-21.21	0.00012	-127.28	-14.14	0.00012	
-134.35	-7.07	0.00012	-141.42	0.00	0.00011	
-7.07	-148.49	0.00012	-14.14	-141.42	0.00013	
-21.21	-134.35	0.00013	-28.28	-127.28	0.00013	
-35.36	-120.21	0.00013	-42.43	-113.14	0.00013	
-49.50	-106.07	0.00013	-56.57	-98.99	0.00012	
-60.10	-95.46	0.00012	-63.64	-91.92	0.00012	
-65.76	-89.80	0.00012	-67.18	-88.39	0.00012	
-68.59	-86.97	0.00011	-70.00	-85.56	0.00011	
-71.42	-84.15	0.00011	-84.15	-71.42	0.00011	
-85.56	-70.00	0.00011	-86.97	-68.59	0.00011	
-88.39	-67.18	0.00011	-89.80	-65.76	0.00011	
-91.92	-63.64	0.00011	-95.46	-60.10	0.00011	
-98.99	-56.57	0.00011	-106.07	-49.50	0.00011	
-113.14	-42.43	0.00011	-120.21	-35.36	0.00011	
-127.28	-28.28	0.00011	-134.35	-21.21	0.00011	
-141.42	-14.14	0.00011	-148.49	-7.07	0.00010	
-14.14	-155.56	0.00011	-21.21	-148.49	0.00012	

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00012	-35.36	-134.35	0.00012
-42.43	-127.28	0.00012	-49.50	-120.21	0.00012
-56.57	-113.14	0.00012	-63.64	-106.07	0.00011
-67.18	-102.53	0.00011	-70.71	-98.99	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* 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
-72.83	-96.87	0.00011	-74.25	-95.46	0.00011
-75.66	-94.05	0.00010	-77.07	-92.63	0.00010
-78.49	-91.22	0.00010	-91.22	-78.49	0.00010
-92.63	-77.07	0.00010	-94.05	-75.66	0.00010
-95.46	-74.25	0.00010	-96.87	-72.83	0.00010
-98.99	-70.71	0.00010	-102.53	-67.18	0.00010
-106.07	-63.64	0.00010	-113.14	-56.57	0.00010
-120.21	-49.50	0.00010	-127.28	-42.43	0.00010
-134.35	-35.36	0.00010	-141.42	-28.28	0.00010
-148.49	-21.21	0.00010	-155.56	-14.14	0.00010
-21.21	-162.63	0.00011	-28.28	-155.56	0.00011
-35.36	-148.49	0.00011	-42.43	-141.42	0.00011
-49.50	-134.35	0.00011	-56.57	-127.28	0.00011
-63.64	-120.21	0.00011	-70.71	-113.14	0.00010
-74.25	-109.60	0.00010	-77.78	-106.07	0.00010
-79.90	-103.94	0.00010	-81.32	-102.53	0.00010
-82.73	-101.12	0.00010	-84.15	-99.70	0.00010
-85.56	-98.29	0.00009	-98.29	-85.56	0.00009
-99.70	-84.15	0.00009	-101.12	-82.73	0.00009
-102.53	-81.32	0.00009	-103.94	-79.90	0.00009
-106.07	-77.78	0.00009	-109.60	-74.25	0.00009
-113.14	-70.71	0.00009	-120.21	-63.64	0.00009
-127.28	-56.57	0.00009	-134.35	-49.50	0.00009
-141.42	-42.43	0.00009	-148.49	-35.36	0.00009
-155.56	-28.28	0.00009	-162.63	-21.21	0.00009
-28.28	-169.71	0.00010	-35.36	-162.63	0.00010
-42.43	-155.56	0.00010	-49.50	-148.49	0.00010
-56.57	-141.42	0.00010	-63.64	-134.35	0.00010
-70.71	-127.28	0.00010	-77.78	-120.21	0.00009
-81.32	-116.67	0.00009	-84.85	-113.14	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-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	0.00008	-141.42	-56.57	0.00009
-148.49	-49.50	0.00009	-155.56	-42.43	0.00009
-162.63	-35.36	0.00008	-169.71	-28.28	0.00008

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

\*\*\* 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	-176.78	0.00009	-42.43	-169.71	0.00009
-49.50	-162.63	0.00010	-56.57	-155.56	0.00010
-63.64	-148.49	0.00010	-70.71	-141.42	0.00009
-77.78	-134.35	0.00009	-84.85	-127.28	0.00009
-88.39	-123.74	0.00008	-91.92	-120.21	0.00008
-94.05	-118.09	0.00008	-95.46	-116.67	0.00008
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00008
-113.84	-98.29	0.00008	-115.26	-96.87	0.00008
-116.67	-95.46	0.00008	-118.09	-94.05	0.00008
-120.21	-91.92	0.00008	-123.74	-88.39	0.00008
-127.28	-84.85	0.00008	-134.35	-77.78	0.00008
-141.42	-70.71	0.00008	-148.49	-63.64	0.00008
-155.56	-56.57	0.00008	-162.63	-49.50	0.00008
-169.71	-42.43	0.00008	-176.78	-35.36	0.00008
-42.43	-183.85	0.00009	-49.50	-176.78	0.00009
-56.57	-169.71	0.00009	-63.64	-162.63	0.00009
-70.71	-155.56	0.00009	-77.78	-148.49	0.00009
-84.85	-141.42	0.00008	-91.92	-134.35	0.00008
-95.46	-130.81	0.00008	-98.99	-127.28	0.00008
-101.12	-125.16	0.00008	-102.53	-123.74	0.00008
-103.94	-122.33	0.00008	-105.36	-120.92	0.00007
-106.77	-119.50	0.00007	-119.50	-106.77	0.00007
-120.92	-105.36	0.00007	-122.33	-103.94	0.00007

12NCRA\_PL92-300\_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	0.00007	-155.56	-70.71	0.00007
-162.63	-63.64	0.00007	-169.71	-56.57	0.00007
-176.78	-49.50	0.00007	-183.85	-42.43	0.00007
-49.50	-190.92	0.00008	-56.57	-183.85	0.00008
-63.64	-176.78	0.00008	-70.71	-169.71	0.00008
-77.78	-162.63	0.00008	-84.85	-155.56	0.00008
-91.92	-148.49	0.00008	-98.99	-141.42	0.00007
-102.53	-137.89	0.00007	-106.07	-134.35	0.00007
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00007
-127.99	-112.43	0.00007	-129.40	-111.02	0.00007
-130.81	-109.60	0.00007	-132.23	-108.19	0.00007

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

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

14:47:10  
 \*\*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	0.00007	-137.89	-102.53	0.00007
-141.42	-98.99	0.00007	-148.49	-91.92	0.00007
-155.56	-84.85	0.00007	-162.63	-77.78	0.00007
-169.71	-70.71	0.00007	-176.78	-63.64	0.00007
-183.85	-56.57	0.00007	-190.92	-49.50	0.00007
-56.57	-197.99	0.00008	-63.64	-190.92	0.00008
-70.71	-183.85	0.00008	-77.78	-176.78	0.00008
-84.85	-169.71	0.00008	-91.92	-162.63	0.00007
-98.99	-155.56	0.00007	-106.07	-148.49	0.00007
-109.60	-144.96	0.00007	-113.14	-141.42	0.00007
-115.26	-139.30	0.00007	-116.67	-137.89	0.00007
-118.09	-136.47	0.00007	-119.50	-135.06	0.00006
-120.92	-133.64	0.00006	-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	0.00006



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00006	-183.85	-70.71	0.00006
-190.92	-63.64	0.00006	-197.99	-56.57	0.00006
-63.64	-205.06	0.00007	-70.71	-197.99	0.00007
-77.78	-190.92	0.00007	-84.85	-183.85	0.00007
-91.92	-176.78	0.00007	-98.99	-169.71	0.00007
-106.07	-162.63	0.00007	-113.14	-155.56	0.00006
-116.67	-152.03	0.00006	-120.21	-148.49	0.00006
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00006
-142.13	-126.57	0.00006	-143.54	-125.16	0.00006
-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	0.00006
-169.71	-98.99	0.00006	-176.78	-91.92	0.00006
-183.85	-84.85	0.00006	-190.92	-77.78	0.00006
-197.99	-70.71	0.00006	-205.06	-63.64	0.00006
-70.71	-212.13	0.00007	-77.78	-205.06	0.00007
-84.85	-197.99	0.00007	-91.92	-190.92	0.00007
-98.99	-183.85	0.00007	-106.07	-176.78	0.00006
-113.14	-169.71	0.00006	-120.21	-162.63	0.00006
-123.74	-159.10	0.00006	-127.28	-155.56	0.00006

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

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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\_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	0.00006	-130.81	-152.03	0.00006
-132.23	-150.61	0.00006	-133.64	-149.20	0.00006
-135.06	-147.79	0.00006	-147.79	-135.06	0.00005
-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	0.00006	-197.99	-84.85	0.00006
-205.06	-77.78	0.00006	-212.13	-70.71	0.00006
-77.78	-219.20	0.00006	-84.85	-212.13	0.00006
-91.92	-205.06	0.00006	-98.99	-197.99	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

14:47:10  
 \*\*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	0.00006	-98.99	-226.27	0.00006
-106.07	-219.20	0.00006	-113.14	-212.13	0.00006
-120.21	-205.06	0.00005	-127.28	-197.99	0.00005
-134.35	-190.92	0.00005	-141.42	-183.85	0.00005
-144.96	-180.31	0.00005	-148.49	-176.78	0.00005
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00005
-170.41	-154.86	0.00005	-171.83	-153.44	0.00005
-173.24	-152.03	0.00005	-174.66	-150.61	0.00005
-176.78	-148.49	0.00005	-180.31	-144.96	0.00005
-183.85	-141.42	0.00005	-190.92	-134.35	0.00005
-197.99	-127.28	0.00005	-205.06	-120.21	0.00005
-212.13	-113.14	0.00005	-219.20	-106.07	0.00005
-226.27	-98.99	0.00005	-233.35	-91.92	0.00005
-98.99	-240.42	0.00005	-106.07	-233.35	0.00005
-113.14	-226.27	0.00005	-120.21	-219.20	0.00005
-127.28	-212.13	0.00005	-134.35	-205.06	0.00005
-141.42	-197.99	0.00005	-148.49	-190.92	0.00005
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-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	0.00004	-240.42	-98.99	0.00004
-106.07	-247.49	0.00005	-113.14	-240.42	0.00005
-120.21	-233.35	0.00005	-127.28	-226.27	0.00005
-134.35	-219.20	0.00005	-141.42	-212.13	0.00005
-148.49	-205.06	0.00005	-155.56	-197.99	0.00004
-159.10	-194.45	0.00004	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-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 \*\*\*  
 04/20/08 \*\*\* 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
-------------	-------------	------	-------------	-------------	------

12NCRA\_PL92-300\_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	0.00004
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

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

\*\*\* 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	0.00104	240.42	113.14	0.00109
233.35	120.21	0.00113	226.27	127.28	0.00115
219.20	134.35	0.00114	212.13	141.42	0.00109
205.06	148.49	0.00100	197.99	155.56	0.00086
194.45	159.10	0.00078	190.92	162.63	0.00070
188.80	164.76	0.00065	187.38	166.17	0.00062
185.97	167.58	0.00059	184.55	169.00	0.00057
183.14	170.41	0.00054	170.41	183.14	0.00037
169.00	184.55	0.00036	167.58	185.97	0.00035
166.17	187.38	0.00035	164.76	188.80	0.00034
162.63	190.92	0.00034	159.10	194.45	0.00032
155.56	197.99	0.00030	148.49	205.06	0.00028
141.42	212.13	0.00026	134.35	219.20	0.00024
127.28	226.27	0.00022	120.21	233.35	0.00020
113.14	240.42	0.00019	106.07	247.49	0.00017
240.42	98.99	0.00128	233.35	106.07	0.00137
226.27	113.14	0.00147	219.20	120.21	0.00156
212.13	127.28	0.00163	205.06	134.35	0.00166
197.99	141.42	0.00163	190.92	148.49	0.00148
187.38	152.03	0.00136	183.85	155.56	0.00120
181.73	157.68	0.00110	180.31	159.10	0.00103
178.90	160.51	0.00095	177.48	161.93	0.00088
176.07	163.34	0.00082	163.34	176.07	0.00049
161.93	177.48	0.00048	160.51	178.90	0.00047
159.10	180.31	0.00046	157.68	181.73	0.00045
155.56	183.85	0.00044	152.03	187.38	0.00042
148.49	190.92	0.00041	141.42	197.99	0.00037
134.35	205.06	0.00034	127.28	212.13	0.00031
120.21	219.20	0.00028	113.14	226.27	0.00026

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00024	98.99	240.42	0.00022
233.35	91.92	0.00153	226.27	98.99	0.00168
219.20	106.07	0.00184	212.13	113.14	0.00202
205.06	120.21	0.00221	197.99	127.28	0.00240
190.92	134.35	0.00256	183.85	141.42	0.00263
180.31	144.96	0.00260	176.78	148.49	0.00249
174.66	150.61	0.00236	173.24	152.03	0.00224
171.83	153.44	0.00210	170.41	154.86	0.00193
169.00	156.27	0.00172	156.27	169.00	0.00071
154.86	170.41	0.00070	153.44	171.83	0.00070
152.03	173.24	0.00069	150.61	174.66	0.00068

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00067	144.96	180.31	0.00064
141.42	183.85	0.00061	134.35	190.92	0.00055
127.28	197.99	0.00049	120.21	205.06	0.00043
113.14	212.13	0.00038	106.07	219.20	0.00034
99.00	226.27	0.00031	91.92	233.35	0.00028
226.27	84.85	0.00176	219.20	91.92	0.00197
212.13	98.99	0.00220	205.06	106.07	0.00247
197.99	113.14	0.00279	190.92	120.21	0.00314
183.85	127.28	0.00352	176.78	134.35	0.00389
173.24	137.89	0.00405	169.71	141.42	0.00415
167.58	143.54	0.00418	166.17	144.96	0.00418
164.76	146.37	0.00417	163.34	147.79	0.00416
161.93	149.20	0.00414	149.20	161.93	0.00146
147.79	163.34	0.00139	146.37	164.76	0.00134
144.96	166.17	0.00129	143.54	167.58	0.00125
141.42	169.71	0.00118	137.89	173.24	0.00109
134.35	176.78	0.00099	127.28	183.85	0.00083
120.21	190.92	0.00070	113.14	197.99	0.00059
106.07	205.06	0.00051	99.00	212.13	0.00045
91.92	219.20	0.00039	84.85	226.27	0.00035
219.20	77.78	0.00195	212.13	84.85	0.00220
205.06	91.92	0.00249	197.99	98.99	0.00283
190.92	106.07	0.00323	183.85	113.14	0.00368

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00417	169.71	127.28	0.00461
166.17	130.81	0.00477	162.63	134.35	0.00485
160.51	136.47	0.00483	159.10	137.89	0.00480
157.68	139.30	0.00474	156.27	140.71	0.00467
154.86	142.13	0.00460	142.13	154.86	0.00183
140.71	156.27	0.00178	139.30	157.68	0.00173
137.89	159.10	0.00169	136.47	160.51	0.00164
134.35	162.63	0.00158	130.81	166.17	0.00146
127.28	169.71	0.00134	120.21	176.78	0.00111
113.14	183.85	0.00092	106.07	190.92	0.00077
99.00	197.99	0.00065	91.92	205.06	0.00056
84.85	212.13	0.00049	77.78	219.20	0.00042
212.13	70.71	0.00208	205.06	77.78	0.00236
197.99	84.85	0.00269	190.92	91.92	0.00308
183.85	98.99	0.00352	176.78	106.07	0.00401
169.71	113.14	0.00451	162.63	120.21	0.00493
159.10	123.74	0.00506	155.56	127.28	0.00510

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

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

14:47:10

\*\*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	0.00507	152.03	130.81	0.00502
150.61	132.23	0.00494	149.20	133.64	0.00486
147.79	135.06	0.00479	135.06	147.79	0.00201
133.64	149.20	0.00196	132.23	150.61	0.00192
130.81	152.03	0.00189	129.40	153.44	0.00186
127.28	155.56	0.00180	123.74	159.10	0.00168
120.21	162.63	0.00155	113.14	169.71	0.00130
106.07	176.78	0.00109	98.99	183.85	0.00092
91.92	190.92	0.00078	84.85	197.99	0.00066
77.78	205.06	0.00057	70.71	212.13	0.00049
205.06	63.64	0.00214	197.99	70.71	0.00244
190.92	77.78	0.00279	183.85	84.85	0.00320
176.78	91.92	0.00366	169.71	98.99	0.00416
162.63	106.07	0.00466	155.56	113.14	0.00508
152.03	116.67	0.00520	148.49	120.21	0.00522
146.37	122.33	0.00518	144.96	123.74	0.00513
143.54	125.16	0.00507	142.13	126.57	0.00499

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

140.71	127.99	0.00491	127.99	140.71	0.00212
126.57	142.13	0.00207	125.16	143.54	0.00204
123.74	144.96	0.00201	122.33	146.37	0.00198
120.21	148.49	0.00193	116.67	152.03	0.00182
113.14	155.56	0.00170	106.07	162.63	0.00144
98.99	169.71	0.00121	91.92	176.78	0.00103
84.85	183.85	0.00087	77.78	190.92	0.00074
70.71	197.99	0.00064	63.64	205.06	0.00055
197.99	56.57	0.00212	190.92	63.64	0.00243
183.85	70.71	0.00279	176.78	77.78	0.00320
169.71	84.85	0.00367	162.63	91.92	0.00418
155.56	98.99	0.00469	148.49	106.07	0.00511
144.96	109.60	0.00524	141.42	113.14	0.00527
139.30	115.26	0.00524	137.89	116.67	0.00519
136.47	118.09	0.00513	135.06	119.50	0.00505
133.64	120.92	0.00496	120.92	133.64	0.00219
119.50	135.06	0.00214	118.09	136.47	0.00211
116.67	137.89	0.00208	115.26	139.30	0.00205
113.14	141.42	0.00200	109.60	144.96	0.00190
106.07	148.49	0.00178	98.99	155.56	0.00154
91.92	162.63	0.00130	84.85	169.71	0.00110
77.78	176.78	0.00094	70.71	183.85	0.00080
63.64	190.92	0.00069	56.57	197.99	0.00060

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

14:47:10  
 \*\*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	49.50	0.00203	183.85	56.57	0.00233
176.78	63.64	0.00267	169.71	70.71	0.00308
162.63	77.78	0.00355	155.56	84.85	0.00407
148.49	91.92	0.00460	141.42	98.99	0.00505
137.89	102.53	0.00520	134.35	106.07	0.00525
132.23	108.19	0.00523	130.81	109.60	0.00519
129.40	111.02	0.00512	127.99	112.43	0.00505
126.57	113.84	0.00496	113.84	126.57	0.00221
112.43	127.99	0.00217	111.02	129.40	0.00214
109.60	130.81	0.00212	108.19	132.23	0.00209
106.07	134.35	0.00204	102.53	137.89	0.00194

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00183	91.92	148.49	0.00159
84.85	155.56	0.00136	77.78	162.63	0.00115
70.71	169.71	0.00098	63.64	176.78	0.00084
56.57	183.85	0.00072	49.50	190.92	0.00063
183.85	42.43	0.00188	176.78	49.50	0.00214
169.71	56.57	0.00246	162.63	63.64	0.00283
155.56	70.71	0.00327	148.49	77.78	0.00378
141.42	84.85	0.00432	134.35	91.92	0.00482
130.81	95.46	0.00500	127.28	98.99	0.00510
125.16	101.12	0.00511	123.74	102.53	0.00508
122.33	103.94	0.00503	120.92	105.36	0.00496
119.50	106.77	0.00489	106.77	119.50	0.00220
105.36	120.92	0.00216	103.94	122.33	0.00213
102.53	123.74	0.00210	101.12	125.16	0.00208
98.99	127.28	0.00203	95.46	130.81	0.00194
91.92	134.35	0.00184	84.85	141.42	0.00161
77.78	148.49	0.00138	70.71	155.56	0.00117
63.64	162.63	0.00100	56.57	169.71	0.00085
49.50	176.78	0.00074	42.43	183.85	0.00064
176.78	35.36	0.00168	169.71	42.43	0.00190
162.63	49.50	0.00216	155.56	56.57	0.00246
148.49	63.64	0.00283	141.42	70.71	0.00325
134.35	77.78	0.00374	127.28	84.85	0.00425
123.74	88.39	0.00449	120.21	91.92	0.00466
118.09	94.05	0.00472	116.67	95.46	0.00473
115.26	96.87	0.00472	113.84	98.29	0.00469
112.43	99.70	0.00466	99.70	112.43	0.00212
98.29	113.84	0.00208	96.87	115.26	0.00206
95.46	116.67	0.00204	94.05	118.09	0.00202

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00198	88.39	123.74	0.00189
84.85	127.28	0.00178	77.78	134.35	0.00156
70.71	141.42	0.00134	63.64	148.49	0.00115
56.57	155.56	0.00098	49.50	162.63	0.00084
42.43	169.71	0.00073	35.36	176.78	0.00063



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00145	162.63	35.36	0.00161
155.56	42.43	0.00180	148.49	49.50	0.00202
141.42	56.57	0.00227	134.35	63.64	0.00254
127.28	70.71	0.00284	120.21	77.78	0.00314
116.67	81.32	0.00328	113.14	84.85	0.00342
111.02	86.97	0.00350	109.60	88.39	0.00355
108.19	89.80	0.00362	106.77	91.22	0.00369
105.36	92.63	0.00379	92.63	105.36	0.00194
91.22	106.77	0.00190	89.80	108.19	0.00187
88.39	109.60	0.00185	86.97	111.02	0.00182
84.85	113.14	0.00178	81.32	116.67	0.00171
77.78	120.21	0.00161	70.71	127.28	0.00142
63.64	134.35	0.00124	56.57	141.42	0.00107
49.50	148.49	0.00092	42.43	155.56	0.00080
35.36	162.63	0.00069	28.28	169.71	0.00061
162.63	21.21	0.00121	155.56	28.28	0.00132
148.49	35.36	0.00144	141.42	42.43	0.00157
134.35	49.50	0.00170	127.28	56.57	0.00181
120.21	63.64	0.00190	113.14	70.71	0.00190
109.60	74.25	0.00186	106.07	77.78	0.00177
103.94	79.90	0.00169	102.53	81.32	0.00163
101.12	82.73	0.00156	99.70	84.15	0.00149
98.29	85.56	0.00141	85.56	98.29	0.00121
84.15	99.70	0.00123	82.73	101.12	0.00125
81.32	102.53	0.00127	79.90	103.94	0.00128
77.78	106.07	0.00129	74.25	109.60	0.00129
70.71	113.14	0.00126	63.64	120.21	0.00117
56.57	127.28	0.00105	49.50	134.35	0.00093
42.43	141.42	0.00082	35.36	148.49	0.00072
28.28	155.56	0.00064	21.21	162.63	0.00056
155.56	14.14	0.00099	148.49	21.21	0.00106
141.42	28.28	0.00113	134.35	35.36	0.00119
127.28	42.43	0.00124	120.21	49.50	0.00126
113.14	56.57	0.00125	106.07	63.64	0.00119
102.53	67.18	0.00114	98.99	70.71	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*  
 14:47:10  
 \*\*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 \*\*

12NCRA_PL92-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00104	95.46	74.25	0.00102
94.05	75.66	0.00100	92.63	77.07	0.00098
91.22	78.49	0.00095	78.49	91.22	0.00084
77.07	92.63	0.00086	75.66	94.05	0.00087
74.25	95.46	0.00089	72.83	96.87	0.00090
70.71	98.99	0.00092	67.18	102.53	0.00094
63.64	106.07	0.00094	56.57	113.14	0.00090
49.50	120.21	0.00085	42.43	127.28	0.00078
35.36	134.35	0.00070	28.28	141.42	0.00063
21.21	148.49	0.00057	14.14	155.56	0.00051
148.49	7.07	0.00080	141.42	14.14	0.00084
134.35	21.21	0.00087	127.28	28.28	0.00090
120.21	35.36	0.00091	113.14	42.43	0.00090
106.07	49.50	0.00088	98.99	56.57	0.00085
95.46	60.10	0.00083	91.92	63.64	0.00081
89.80	65.76	0.00080	88.39	67.18	0.00079
86.97	68.59	0.00078	85.56	70.00	0.00077
84.15	71.42	0.00075	71.42	84.15	0.00067
70.00	85.56	0.00067	68.59	86.97	0.00068
67.18	88.39	0.00068	65.76	89.80	0.00069
63.64	91.92	0.00070	60.10	95.46	0.00071
56.57	98.99	0.00072	49.50	106.07	0.00072
42.43	113.14	0.00068	35.36	120.21	0.00064
28.28	127.28	0.00059	21.21	134.35	0.00055
14.14	141.42	0.00050	7.07	148.49	0.00045
141.42	0.00	0.00065	134.35	7.07	0.00067
127.28	14.14	0.00068	120.21	21.21	0.00069
113.14	28.28	0.00069	106.07	35.36	0.00068
98.99	42.43	0.00068	91.92	49.50	0.00067
88.39	53.03	0.00066	84.85	56.57	0.00066
82.73	58.69	0.00065	81.32	60.10	0.00064
79.90	61.52	0.00063	78.49	62.93	0.00062
77.07	64.35	0.00060	64.35	77.07	0.00054
62.93	78.49	0.00055	61.52	79.90	0.00055
60.10	81.32	0.00055	58.69	82.73	0.00056
56.57	84.85	0.00056	53.03	88.39	0.00056
49.50	91.92	0.00057	42.43	98.99	0.00058
35.36	106.07	0.00056	28.28	113.14	0.00053
21.21	120.21	0.00050	14.14	127.28	0.00047
7.07	134.35	0.00044	0.00	141.42	0.00040

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

14:47:10  
\*\*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	0.00053	127.28	0.00	0.00053
120.21	7.07	0.00054	113.14	14.14	0.00054
106.07	21.21	0.00054	98.99	28.28	0.00054
91.92	35.36	0.00054	84.85	42.43	0.00055
81.32	45.96	0.00055	77.78	49.50	0.00054
75.66	51.62	0.00054	74.25	53.03	0.00053
72.83	54.45	0.00052	71.42	55.86	0.00051
70.00	57.28	0.00050	57.28	70.00	0.00045
55.86	71.42	0.00045	54.45	72.83	0.00045
53.03	74.25	0.00046	51.62	75.66	0.00046
49.50	77.78	0.00046	45.96	81.32	0.00046
42.43	84.85	0.00046	35.36	91.92	0.00047
28.28	98.99	0.00047	21.21	106.07	0.00045
14.14	113.14	0.00043	7.07	120.21	0.00041
0.00	127.28	0.00038	-7.07	134.35	0.00035
127.28	-14.14	0.00043	120.21	-7.07	0.00044
113.14	0.00	0.00044	106.07	7.07	0.00044
98.99	14.14	0.00044	91.92	21.21	0.00045
84.85	28.28	0.00045	77.78	35.36	0.00046
74.25	38.89	0.00046	70.71	42.43	0.00045
68.59	44.55	0.00044	67.18	45.96	0.00044
65.76	47.38	0.00043	64.35	48.79	0.00042
62.93	50.20	0.00041	50.20	62.93	0.00038
48.79	64.35	0.00038	47.38	65.76	0.00038
45.96	67.18	0.00038	44.55	68.59	0.00038
42.43	70.71	0.00039	38.89	74.25	0.00039
35.36	77.78	0.00039	28.28	84.85	0.00039
21.21	91.92	0.00039	14.14	98.99	0.00038
7.07	106.07	0.00037	0.00	113.14	0.00035
-7.07	120.21	0.00033	-14.14	127.28	0.00032
120.21	-21.21	0.00036	113.14	-14.14	0.00036
106.07	-7.07	0.00037	98.99	0.00	0.00037
91.92	7.07	0.00037	84.85	14.14	0.00038
77.78	21.21	0.00039	70.71	28.28	0.00039
67.18	31.82	0.00039	63.64	35.36	0.00038
61.52	37.48	0.00037	60.10	38.89	0.00037
58.69	40.31	0.00036	57.28	41.72	0.00035



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00024	7.07	63.64	0.00024
0.00	70.71	0.00024	-7.07	77.78	0.00024
-14.14	84.85	0.00024	-21.21	91.92	0.00023
-28.28	98.99	0.00023	-35.36	106.07	0.00022
98.99	-42.43	0.00023	91.92	-35.36	0.00023
84.85	-28.28	0.00023	77.78	-21.21	0.00024
70.71	-14.14	0.00025	63.64	-7.07	0.00025
56.57	0.00	0.00026	49.50	7.07	0.00025
45.96	10.61	0.00025	42.43	14.14	0.00024

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

\*\*\* 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
40.31	16.26	0.00023	38.89	17.68	0.00023
37.48	19.09	0.00023	36.06	20.51	0.00022
34.65	21.92	0.00022	21.92	34.65	0.00021
20.51	36.06	0.00021	19.09	37.48	0.00021
17.68	38.89	0.00021	16.26	40.31	0.00021
14.14	42.43	0.00021	10.61	45.96	0.00021
7.07	49.50	0.00021	0.00	56.57	0.00021
-7.07	63.64	0.00021	-14.14	70.71	0.00021
-21.21	77.78	0.00021	-28.28	84.85	0.00020
-35.36	91.92	0.00020	-42.43	98.99	0.00020
91.92	-49.50	0.00020	84.85	-42.43	0.00020
77.78	-35.36	0.00021	70.71	-28.28	0.00021
63.64	-21.21	0.00022	56.57	-14.14	0.00023
49.50	-7.07	0.00023	42.43	0.00	0.00022
38.89	3.54	0.00021	35.36	7.07	0.00021
33.23	9.19	0.00020	31.82	10.61	0.00020
30.41	12.02	0.00020	28.99	13.44	0.00020
27.58	14.85	0.00019	14.85	27.58	0.00018
13.44	28.99	0.00018	12.02	30.41	0.00018
10.61	31.82	0.00018	9.19	33.23	0.00018
7.07	35.36	0.00018	3.54	38.89	0.00019
0.00	42.43	0.00019	-7.07	49.50	0.00019
-14.14	56.57	0.00019	-21.21	63.64	0.00018
-28.28	70.71	0.00018	-35.36	77.78	0.00018
-42.43	84.85	0.00018	-49.50	91.92	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00018	77.78	-49.50	0.00018
70.71	-42.43	0.00019	63.64	-35.36	0.00019
56.57	-28.28	0.00020	49.50	-21.21	0.00020
42.43	-14.14	0.00020	35.36	-7.07	0.00019
31.82	-3.54	0.00019	28.28	0.00	0.00018
26.16	2.12	0.00018	24.75	3.54	0.00018
23.33	4.95	0.00018	21.92	6.36	0.00017
20.51	7.78	0.00017	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00016
0.00	28.28	0.00016	-3.54	31.82	0.00016
-7.07	35.36	0.00016	-14.14	42.43	0.00017
-21.21	49.50	0.00017	-28.28	56.57	0.00017
-35.36	63.64	0.00016	-42.43	70.71	0.00016
-49.50	77.78	0.00016	-56.57	84.85	0.00016

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

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

14:47:10  
 \*\*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
77.78	-63.64	0.00016	70.71	-56.57	0.00017
63.64	-49.50	0.00017	56.57	-42.43	0.00017
49.50	-35.36	0.00018	42.43	-28.28	0.00018
35.36	-21.21	0.00018	28.28	-14.14	0.00017
24.75	-10.61	0.00017	21.21	-7.07	0.00016
19.09	-4.95	0.00016	17.68	-3.54	0.00016
16.26	-2.12	0.00016	14.85	-0.71	0.00016
13.44	0.71	0.00015	0.71	13.44	0.00015
-0.71	14.85	0.00015	-2.12	16.26	0.00015
-3.54	17.68	0.00015	-4.95	19.09	0.00015
-7.07	21.21	0.00015	-10.61	24.75	0.00015
-14.14	28.28	0.00015	-21.21	35.36	0.00015
-28.28	42.43	0.00015	-35.36	49.50	0.00015
-42.43	56.57	0.00015	-49.50	63.64	0.00014
-56.57	70.71	0.00014	-63.64	77.78	0.00014
70.71	-70.71	0.00015	63.64	-63.64	0.00015
56.57	-56.57	0.00015	49.50	-49.50	0.00016
42.43	-42.43	0.00016	35.36	-35.36	0.00016
28.28	-28.28	0.00016	21.21	-21.21	0.00015

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00015	14.14	-14.14	0.00015
12.02	-12.02	0.00014	10.61	-10.61	0.00014
9.19	-9.19	0.00014	7.78	-7.78	0.00014
6.36	-6.36	0.00014	-6.36	6.36	0.00013
-7.78	7.78	0.00013	-9.19	9.19	0.00013
-10.61	10.61	0.00013	-12.02	12.02	0.00013
-14.14	14.14	0.00013	-17.68	17.68	0.00013
-21.21	21.21	0.00013	-28.28	28.28	0.00013
-35.36	35.36	0.00013	-42.43	42.43	0.00013
-49.50	49.50	0.00013	-56.57	56.57	0.00013
-63.64	63.64	0.00013	-70.71	70.71	0.00013
63.64	-77.78	0.00013	56.57	-70.71	0.00014
49.50	-63.64	0.00014	42.43	-56.57	0.00015
35.36	-49.50	0.00015	28.28	-42.43	0.00015
21.21	-35.36	0.00014	14.14	-28.28	0.00014
10.61	-24.75	0.00013	7.07	-21.21	0.00013
4.95	-19.09	0.00013	3.54	-17.68	0.00013
2.12	-16.26	0.00013	0.71	-14.85	0.00013
-0.71	-13.44	0.00012	-13.44	-0.71	0.00012
-14.85	0.71	0.00012	-16.26	2.12	0.00012
-17.68	3.54	0.00012	-19.09	4.95	0.00012

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

\*\*\* 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
-21.21	7.07	0.00012	-24.75	10.61	0.00012
-28.28	14.14	0.00012	-35.36	21.21	0.00012
-42.43	28.28	0.00012	-49.50	35.36	0.00012
-56.57	42.43	0.00012	-63.64	49.50	0.00012
-70.71	56.57	0.00012	-77.78	63.64	0.00011
56.57	-84.85	0.00012	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00013	21.21	-49.50	0.00013
14.14	-42.43	0.00013	7.07	-35.36	0.00012
3.54	-31.82	0.00012	0.00	-28.28	0.00012
-2.12	-26.16	0.00012	-3.54	-24.75	0.00012
-4.95	-23.33	0.00011	-6.36	-21.92	0.00011
-7.78	-20.51	0.00011	-20.51	-7.78	0.00011

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00011	-23.33	-4.95	0.00011
-24.75	-3.54	0.00011	-26.16	-2.12	0.00011
-28.28	0.00	0.00011	-31.82	3.54	0.00011
-35.36	7.07	0.00011	-42.43	14.14	0.00011
-49.50	21.21	0.00011	-56.57	28.28	0.00011
-63.64	35.36	0.00011	-70.71	42.43	0.00011
-77.78	49.50	0.00011	-84.85	56.57	0.00010
49.50	-91.92	0.00011	42.43	-84.85	0.00012
35.36	-77.78	0.00012	28.28	-70.71	0.00012
21.21	-63.64	0.00012	14.14	-56.57	0.00012
7.07	-49.50	0.00012	0.00	-42.43	0.00011
-3.54	-38.89	0.00011	-7.07	-35.36	0.00011
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00010
-28.99	-13.44	0.00010	-30.41	-12.02	0.00010
-31.82	-10.61	0.00010	-33.23	-9.19	0.00010
-35.36	-7.07	0.00010	-38.89	-3.54	0.00010
-42.43	0.00	0.00010	-49.50	7.07	0.00010
-56.57	14.14	0.00010	-63.64	21.21	0.00010
-70.71	28.28	0.00010	-77.78	35.36	0.00010
-84.85	42.43	0.00010	-91.92	49.50	0.00010
42.43	-98.99	0.00011	35.36	-91.92	0.00011
28.28	-84.85	0.00011	21.21	-77.78	0.00011
14.14	-70.71	0.00011	7.07	-63.64	0.00011
0.00	-56.57	0.00011	-7.07	-49.50	0.00010
-10.61	-45.96	0.00010	-14.14	-42.43	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00009	-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	0.00009	-56.57	0.00	0.00009



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00009	-70.71	14.14	0.00009
-77.78	21.21	0.00009	-84.85	28.28	0.00009
-91.92	35.36	0.00009	-98.99	42.43	0.00009
35.36	-106.07	0.00010	28.28	-98.99	0.00010
21.21	-91.92	0.00010	14.14	-84.85	0.00010
7.07	-77.78	0.00010	0.00	-70.71	0.00010
-7.07	-63.64	0.00010	-14.14	-56.57	0.00009
-17.68	-53.03	0.00009	-21.21	-49.50	0.00009
-23.33	-47.38	0.00009	-24.75	-45.96	0.00009
-26.16	-44.55	0.00009	-27.58	-43.13	0.00009
-28.99	-41.72	0.00009	-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	0.00008	-77.78	7.07	0.00009
-84.85	14.14	0.00009	-91.92	21.21	0.00009
-98.99	28.28	0.00008	-106.07	35.36	0.00008
28.28	-113.14	0.00009	21.21	-106.07	0.00009
14.14	-98.99	0.00010	7.07	-91.92	0.00010
0.00	-84.85	0.00010	-7.07	-77.78	0.00009
-14.14	-70.71	0.00009	-21.21	-63.64	0.00009
-24.75	-60.10	0.00008	-28.28	-56.57	0.00008
-30.41	-54.45	0.00008	-31.82	-53.03	0.00008
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00008
-50.20	-34.65	0.00008	-51.62	-33.23	0.00008
-53.03	-31.82	0.00008	-54.45	-30.41	0.00008
-56.57	-28.28	0.00008	-60.10	-24.75	0.00008
-63.64	-21.21	0.00008	-70.71	-14.14	0.00008
-77.78	-7.07	0.00008	-84.85	0.00	0.00008
-91.92	7.07	0.00008	-98.99	14.14	0.00008
-106.07	21.21	0.00008	-113.14	28.28	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
21.21	-120.21	0.00009	14.14	-113.14	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00009	0.00	-98.99	0.00009
-7.07	-91.92	0.00009	-14.14	-84.85	0.00009
-21.21	-77.78	0.00008	-28.28	-70.71	0.00008
-31.82	-67.18	0.00008	-35.36	-63.64	0.00008
-37.48	-61.52	0.00008	-38.89	-60.10	0.00008
-40.31	-58.69	0.00008	-41.72	-57.28	0.00007
-43.13	-55.86	0.00007	-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	0.00007	-91.92	-7.07	0.00007
-98.99	0.00	0.00007	-106.07	7.07	0.00007
-113.14	14.14	0.00007	-120.21	21.21	0.00007
14.14	-127.28	0.00008	7.07	-120.21	0.00008
0.00	-113.14	0.00008	-7.07	-106.07	0.00008
-14.14	-98.99	0.00008	-21.21	-91.92	0.00008
-28.28	-84.85	0.00008	-35.36	-77.78	0.00007
-38.89	-74.25	0.00007	-42.43	-70.71	0.00007
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00007
-64.35	-48.79	0.00007	-65.76	-47.38	0.00007
-67.18	-45.96	0.00007	-68.59	-44.55	0.00007
-70.71	-42.43	0.00007	-74.25	-38.89	0.00007
-77.78	-35.36	0.00007	-84.85	-28.28	0.00007
-91.92	-21.21	0.00007	-98.99	-14.14	0.00007
-106.07	-7.07	0.00007	-113.14	0.00	0.00007
-120.21	7.07	0.00007	-127.28	14.14	0.00007
7.07	-134.35	0.00008	0.00	-127.28	0.00008
-7.07	-120.21	0.00008	-14.14	-113.14	0.00008
-21.21	-106.07	0.00008	-28.28	-98.99	0.00007
-35.36	-91.92	0.00007	-42.43	-84.85	0.00007
-45.96	-81.32	0.00007	-49.50	-77.78	0.00007
-51.62	-75.66	0.00007	-53.03	-74.25	0.00007
-54.45	-72.83	0.00007	-55.86	-71.42	0.00006
-57.28	-70.00	0.00006	-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 \*\*\*  
04/20/08

\*\*\* 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\_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	0.00006
-113.14	-14.14	0.00006	-120.21	-7.07	0.00006
-127.28	0.00	0.00006	-134.35	7.07	0.00006
0.00	-141.42	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00007
-28.28	-113.14	0.00007	-35.36	-106.07	0.00007
-42.43	-98.99	0.00007	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00006
-78.49	-62.93	0.00006	-79.90	-61.52	0.00006
-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	0.00006
-106.07	-35.36	0.00006	-113.14	-28.28	0.00006
-120.21	-21.21	0.00006	-127.28	-14.14	0.00006
-134.35	-7.07	0.00006	-141.42	0.00	0.00006
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00007	-28.28	-127.28	0.00007
-35.36	-120.21	0.00007	-42.43	-113.14	0.00006
-49.50	-106.07	0.00006	-56.57	-98.99	0.00006
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-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	0.00006	-134.35	-21.21	0.00006
-141.42	-14.14	0.00006	-148.49	-7.07	0.00006
-14.14	-155.56	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00006	-49.50	-120.21	0.00006
-56.57	-113.14	0.00006	-63.64	-106.07	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18 -102.53 0.00006 -70.71 -98.99 0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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
-72.83	-96.87	0.00005	-74.25	-95.46	0.00005
-75.66	-94.05	0.00005	-77.07	-92.63	0.00005
-78.49	-91.22	0.00005	-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	0.00005	-141.42	-28.28	0.00005
-148.49	-21.21	0.00005	-155.56	-14.14	0.00005
-21.21	-162.63	0.00006	-28.28	-155.56	0.00006
-35.36	-148.49	0.00006	-42.43	-141.42	0.00006
-49.50	-134.35	0.00006	-56.57	-127.28	0.00006
-63.64	-120.21	0.00005	-70.71	-113.14	0.00005
-74.25	-109.60	0.00005	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-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	0.00005	-134.35	-49.50	0.00005
-141.42	-42.43	0.00005	-148.49	-35.36	0.00005
-155.56	-28.28	0.00005	-162.63	-21.21	0.00005
-28.28	-169.71	0.00006	-35.36	-162.63	0.00006
-42.43	-155.56	0.00006	-49.50	-148.49	0.00006
-56.57	-141.42	0.00005	-63.64	-134.35	0.00005
-70.71	-127.28	0.00005	-77.78	-120.21	0.00005
-81.32	-116.67	0.00005	-84.85	-113.14	0.00005
-86.97	-111.02	0.00005	-88.39	-109.60	0.00005
-89.80	-108.19	0.00005	-91.22	-106.77	0.00005
-92.63	-105.36	0.00005	-105.36	-92.63	0.00005

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00005	-42.43	-169.71	0.00005
-49.50	-162.63	0.00005	-56.57	-155.56	0.00005
-63.64	-148.49	0.00005	-70.71	-141.42	0.00005
-77.78	-134.35	0.00005	-84.85	-127.28	0.00005
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00004
-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	0.00004	-176.78	-35.36	0.00004
-42.43	-183.85	0.00005	-49.50	-176.78	0.00005
-56.57	-169.71	0.00005	-63.64	-162.63	0.00005
-70.71	-155.56	0.00005	-77.78	-148.49	0.00005
-84.85	-141.42	0.00005	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-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



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00004	-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	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00004	-140.71	-127.99	0.00003
-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	0.00004
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00004	-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	0.00003

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

\*\*\* 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	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

12NCRA\_PL92-300\_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	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-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      \*\*\*  
 04/20/08      \*\*\* 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
-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	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-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



12NCRA\_PL92-300\_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	0.00003
-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	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00003
-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	0.00003	-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	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-184.55	-169.00	0.00003	-185.97	-167.58	0.00003
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

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



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00248	197.99	127.28	0.00265
190.92	134.35	0.00280	183.85	141.42	0.00287
180.31	144.96	0.00283	176.78	148.49	0.00270
174.66	150.61	0.00258	173.24	152.03	0.00246
171.83	153.44	0.00231	170.41	154.86	0.00213
169.00	156.27	0.00193	156.27	169.00	0.00089
154.86	170.41	0.00087	153.44	171.83	0.00087
152.03	173.24	0.00086	150.61	174.66	0.00085

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
148.49	176.78	0.00083	144.96	180.31	0.00080
141.42	183.85	0.00077	134.35	190.92	0.00070
127.28	197.99	0.00063	120.21	205.06	0.00057
113.14	212.13	0.00052	106.07	219.20	0.00048
99.00	226.27	0.00044	91.92	233.35	0.00040
226.27	84.85	0.00213	219.20	91.92	0.00232
212.13	98.99	0.00254	205.06	106.07	0.00280
197.99	113.14	0.00309	190.92	120.21	0.00343
183.85	127.28	0.00379	176.78	134.35	0.00415
173.24	137.89	0.00430	169.71	141.42	0.00440
167.58	143.54	0.00442	166.17	144.96	0.00442
164.76	146.37	0.00440	163.34	147.79	0.00439
161.93	149.20	0.00437	149.20	161.93	0.00165
147.79	163.34	0.00158	146.37	164.76	0.00152
144.96	166.17	0.00147	143.54	167.58	0.00143
141.42	169.71	0.00136	137.89	173.24	0.00126
134.35	176.78	0.00116	127.28	183.85	0.00100
120.21	190.92	0.00086	113.14	197.99	0.00075
106.07	205.06	0.00066	99.00	212.13	0.00059
91.92	219.20	0.00053	84.85	226.27	0.00048
219.20	77.78	0.00239	212.13	84.85	0.00262
205.06	91.92	0.00290	197.99	98.99	0.00322
190.92	106.07	0.00359	183.85	113.14	0.00402
176.78	120.21	0.00449	169.71	127.28	0.00491
166.17	130.81	0.00506	162.63	134.35	0.00513
160.51	136.47	0.00511	159.10	137.89	0.00507

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00501	156.27	140.71	0.00494
154.86	142.13	0.00486	142.13	154.86	0.00205
140.71	156.27	0.00199	139.30	157.68	0.00194
137.89	159.10	0.00190	136.47	160.51	0.00185
134.35	162.63	0.00178	130.81	166.17	0.00165
127.28	169.71	0.00153	120.21	176.78	0.00130
113.14	183.85	0.00110	106.07	190.92	0.00094
99.00	197.99	0.00082	91.92	205.06	0.00072
84.85	212.13	0.00064	77.78	219.20	0.00057
212.13	70.71	0.00261	205.06	77.78	0.00288
197.99	84.85	0.00319	190.92	91.92	0.00355
183.85	98.99	0.00396	176.78	106.07	0.00442
169.71	113.14	0.00489	162.63	120.21	0.00529
159.10	123.74	0.00540	155.56	127.28	0.00543

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

\*\*\* 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	0.00539	152.03	130.81	0.00534
150.61	132.23	0.00526	149.20	133.64	0.00517
147.79	135.06	0.00509	135.06	147.79	0.00226
133.64	149.20	0.00220	132.23	150.61	0.00216
130.81	152.03	0.00213	129.40	153.44	0.00209
127.28	155.56	0.00203	123.74	159.10	0.00190
120.21	162.63	0.00177	113.14	169.71	0.00152
106.07	176.78	0.00130	98.99	183.85	0.00111
91.92	190.92	0.00096	84.85	197.99	0.00084
77.78	205.06	0.00074	70.71	212.13	0.00065
205.06	63.64	0.00280	197.99	70.71	0.00308
190.92	77.78	0.00341	183.85	84.85	0.00379
176.78	91.92	0.00421	169.71	98.99	0.00467
162.63	106.07	0.00513	155.56	113.14	0.00551
152.03	116.67	0.00561	148.49	120.21	0.00562
146.37	122.33	0.00557	144.96	123.74	0.00551
143.54	125.16	0.00544	142.13	126.57	0.00535
140.71	127.99	0.00526	127.99	140.71	0.00241
126.57	142.13	0.00236	125.16	143.54	0.00232
123.74	144.96	0.00228	122.33	146.37	0.00225

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00219	116.67	152.03	0.00208
113.14	155.56	0.00195	106.07	162.63	0.00168
98.99	169.71	0.00144	91.92	176.78	0.00124
84.85	183.85	0.00108	77.78	190.92	0.00094
70.71	197.99	0.00083	63.64	205.06	0.00073
197.99	56.57	0.00294	190.92	63.64	0.00324
183.85	70.71	0.00357	176.78	77.78	0.00395
169.71	84.85	0.00438	162.63	91.92	0.00484
155.56	98.99	0.00529	148.49	106.07	0.00565
144.96	109.60	0.00575	141.42	113.14	0.00576
139.30	115.26	0.00571	137.89	116.67	0.00565
136.47	118.09	0.00558	135.06	119.50	0.00549
133.64	120.92	0.00539	120.92	133.64	0.00252
119.50	135.06	0.00247	118.09	136.47	0.00244
116.67	137.89	0.00240	115.26	139.30	0.00237
113.14	141.42	0.00231	109.60	144.96	0.00221
106.07	148.49	0.00208	98.99	155.56	0.00182
91.92	162.63	0.00156	84.85	169.71	0.00135
77.78	176.78	0.00117	70.71	183.85	0.00102
63.64	190.92	0.00090	56.57	197.99	0.00080

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

14:47:10  
 \*\*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	0.00306	183.85	56.57	0.00336
176.78	63.64	0.00369	169.71	70.71	0.00408
162.63	77.78	0.00450	155.56	84.85	0.00496
148.49	91.92	0.00541	141.42	98.99	0.00576
137.89	102.53	0.00586	134.35	106.07	0.00587
132.23	108.19	0.00582	130.81	109.60	0.00576
129.40	111.02	0.00568	127.99	112.43	0.00559
126.57	113.84	0.00549	113.84	126.57	0.00262
112.43	127.99	0.00257	111.02	129.40	0.00253
109.60	130.81	0.00250	108.19	132.23	0.00247
106.07	134.35	0.00241	102.53	137.89	0.00230
98.99	141.42	0.00218	91.92	148.49	0.00192
84.85	155.56	0.00166	77.78	162.63	0.00144
70.71	169.71	0.00125	63.64	176.78	0.00110

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00097	49.50	190.92	0.00086
183.85	42.43	0.00315	176.78	49.50	0.00345
169.71	56.57	0.00379	162.63	63.64	0.00417
155.56	70.71	0.00460	148.49	77.78	0.00505
141.42	84.85	0.00550	134.35	91.92	0.00585
130.81	95.46	0.00595	127.28	98.99	0.00597
125.16	101.12	0.00592	123.74	102.53	0.00586
122.33	103.94	0.00577	120.92	105.36	0.00568
119.50	106.77	0.00557	106.77	119.50	0.00269
105.36	120.92	0.00264	103.94	122.33	0.00261
102.53	123.74	0.00258	101.12	125.16	0.00254
98.99	127.28	0.00249	95.46	130.81	0.00238
91.92	134.35	0.00226	84.85	141.42	0.00200
77.78	148.49	0.00174	70.71	155.56	0.00152
63.64	162.63	0.00132	56.57	169.71	0.00116
49.50	176.78	0.00102	42.43	183.85	0.00091
176.78	35.36	0.00322	169.71	42.43	0.00352
162.63	49.50	0.00386	155.56	56.57	0.00424
148.49	63.64	0.00467	141.42	70.71	0.00512
134.35	77.78	0.00557	127.28	84.85	0.00593
123.74	88.39	0.00603	120.21	91.92	0.00604
118.09	94.05	0.00599	116.67	95.46	0.00593
115.26	96.87	0.00585	113.84	98.29	0.00575
112.43	99.70	0.00564	99.70	112.43	0.00276
98.29	113.84	0.00271	96.87	115.26	0.00267
95.46	116.67	0.00264	94.05	118.09	0.00261

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

14:47:10  
 \*\*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	0.00255	88.39	123.74	0.00244
84.85	127.28	0.00232	77.78	134.35	0.00206
70.71	141.42	0.00181	63.64	148.49	0.00158
56.57	155.56	0.00138	49.50	162.63	0.00121
42.43	169.71	0.00107	35.36	176.78	0.00096
169.71	28.28	0.00328	162.63	35.36	0.00358
155.56	42.43	0.00392	148.49	49.50	0.00430
141.42	56.57	0.00473	134.35	63.64	0.00518

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00562	120.21	77.78	0.00599
116.67	81.32	0.00610	113.14	84.85	0.00611
111.02	86.97	0.00606	109.60	88.39	0.00599
108.19	89.80	0.00591	106.77	91.22	0.00581
105.36	92.63	0.00570	92.63	105.36	0.00281
91.22	106.77	0.00276	89.80	108.19	0.00272
88.39	109.60	0.00269	86.97	111.02	0.00266
84.85	113.14	0.00260	81.32	116.67	0.00249
77.78	120.21	0.00237	70.71	127.28	0.00211
63.64	134.35	0.00186	56.57	141.42	0.00163
49.50	148.49	0.00143	42.43	155.56	0.00126
35.36	162.63	0.00112	28.28	169.71	0.00100
162.63	21.21	0.00332	155.56	28.28	0.00362
148.49	35.36	0.00397	141.42	42.43	0.00435
134.35	49.50	0.00477	127.28	56.57	0.00523
120.21	63.64	0.00567	113.14	70.71	0.00604
109.60	74.25	0.00615	106.07	77.78	0.00616
103.94	79.90	0.00610	102.53	81.32	0.00603
101.12	82.73	0.00595	99.70	84.15	0.00587
98.29	85.56	0.00577	85.56	98.29	0.00285
84.15	99.70	0.00280	82.73	101.12	0.00276
81.32	102.53	0.00273	79.90	103.94	0.00270
77.78	106.07	0.00265	74.25	109.60	0.00254
70.71	113.14	0.00241	63.64	120.21	0.00215
56.57	127.28	0.00190	49.50	134.35	0.00167
42.43	141.42	0.00148	35.36	148.49	0.00130
28.28	155.56	0.00116	21.21	162.63	0.00103
155.56	14.14	0.00336	148.49	21.21	0.00366
141.42	28.28	0.00401	134.35	35.36	0.00439
127.28	42.43	0.00481	120.21	49.50	0.00527
113.14	56.57	0.00572	106.07	63.64	0.00608
102.53	67.18	0.00619	98.99	70.71	0.00620

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00614	95.46	74.25	0.00607
94.05	75.66	0.00599	92.63	77.07	0.00590

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00580	78.49	91.22	0.00288
77.07	92.63	0.00283	75.66	94.05	0.00280
74.25	95.46	0.00277	72.83	96.87	0.00274
70.71	98.99	0.00268	67.18	102.53	0.00258
63.64	106.07	0.00245	56.57	113.14	0.00219
49.50	120.21	0.00193	42.43	127.28	0.00171
35.36	134.35	0.00151	28.28	141.42	0.00134
21.21	148.49	0.00119	14.14	155.56	0.00107
148.49	7.07	0.00340	141.42	14.14	0.00370
134.35	21.21	0.00404	127.28	28.28	0.00442
120.21	35.36	0.00485	113.14	42.43	0.00530
106.07	49.50	0.00576	98.99	56.57	0.00612
95.46	60.10	0.00622	91.92	63.64	0.00623
89.80	65.76	0.00618	88.39	67.18	0.00611
86.97	68.59	0.00602	85.56	70.00	0.00592
84.15	71.42	0.00582	71.42	84.15	0.00291
70.00	85.56	0.00286	68.59	86.97	0.00283
67.18	88.39	0.00280	65.76	89.80	0.00277
63.64	91.92	0.00271	60.10	95.46	0.00260
56.57	98.99	0.00248	49.50	106.07	0.00222
42.43	113.14	0.00196	35.36	120.21	0.00174
28.28	127.28	0.00154	21.21	134.35	0.00137
14.14	141.42	0.00122	7.07	148.49	0.00110
141.42	0.00	0.00342	134.35	7.07	0.00372
127.28	14.14	0.00407	120.21	21.21	0.00445
113.14	28.28	0.00488	106.07	35.36	0.00533
98.99	42.43	0.00579	91.92	49.50	0.00615
88.39	53.03	0.00625	84.85	56.57	0.00626
82.73	58.69	0.00620	81.32	60.10	0.00614
79.90	61.52	0.00605	78.49	62.93	0.00595
77.07	64.35	0.00585	64.35	77.07	0.00293
62.93	78.49	0.00289	61.52	79.90	0.00285
60.10	81.32	0.00282	58.69	82.73	0.00279
56.57	84.85	0.00274	53.03	88.39	0.00263
49.50	91.92	0.00251	42.43	98.99	0.00225
35.36	106.07	0.00199	28.28	113.14	0.00176
21.21	120.21	0.00156	14.14	127.28	0.00139
7.07	134.35	0.00125	0.00	141.42	0.00112

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

\*\*\* 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

\*\*\*



\*\*\* DISCRETE 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	0.00345	127.28	0.00	0.00375
120.21	7.07	0.00409	113.14	14.14	0.00447
106.07	21.21	0.00490	98.99	28.28	0.00536
91.92	35.36	0.00582	84.85	42.43	0.00618
81.32	45.96	0.00628	77.78	49.50	0.00628
75.66	51.62	0.00622	74.25	53.03	0.00616
72.83	54.45	0.00608	71.42	55.86	0.00597
70.00	57.28	0.00587	57.28	70.00	0.00296
55.86	71.42	0.00291	54.45	72.83	0.00288
53.03	74.25	0.00284	51.62	75.66	0.00281
49.50	77.78	0.00276	45.96	81.32	0.00265
42.43	84.85	0.00253	35.36	91.92	0.00227
28.28	98.99	0.00201	21.21	106.07	0.00179
14.14	113.14	0.00159	7.07	120.21	0.00142
0.00	127.28	0.00127	-7.07	134.35	0.00114
127.28	-14.14	0.00347	120.21	-7.07	0.00377
113.14	0.00	0.00411	106.07	7.07	0.00450
98.99	14.14	0.00493	91.92	21.21	0.00539
84.85	28.28	0.00584	77.78	35.36	0.00620
74.25	38.89	0.00630	70.71	42.43	0.00631
68.59	44.55	0.00625	67.18	45.96	0.00618
65.76	47.38	0.00609	64.35	48.79	0.00599
62.93	50.20	0.00588	50.20	62.93	0.00298
48.79	64.35	0.00293	47.38	65.76	0.00289
45.96	67.18	0.00286	44.55	68.59	0.00283
42.43	70.71	0.00278	38.89	74.25	0.00267
35.36	77.78	0.00255	28.28	84.85	0.00229
21.21	91.92	0.00203	14.14	98.99	0.00180
7.07	106.07	0.00161	0.00	113.14	0.00143
-7.07	120.21	0.00129	-14.14	127.28	0.00116
120.21	-21.21	0.00348	113.14	-14.14	0.00379
106.07	-7.07	0.00413	98.99	0.00	0.00452
91.92	7.07	0.00495	84.85	14.14	0.00541
77.78	21.21	0.00586	70.71	28.28	0.00622
67.18	31.82	0.00632	63.64	35.36	0.00632
61.52	37.48	0.00627	60.10	38.89	0.00620
58.69	40.31	0.00611	57.28	41.72	0.00601
55.86	43.13	0.00590	43.13	55.86	0.00299
41.72	57.28	0.00295	40.31	58.69	0.00291
38.89	60.10	0.00288	37.48	61.52	0.00285

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

\*\*\* 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	0.00279	31.82	67.18	0.00269
28.28	70.71	0.00257	21.21	77.78	0.00231
14.14	84.85	0.00205	7.07	91.92	0.00182
0.00	98.99	0.00162	-7.07	106.07	0.00145
-14.14	113.14	0.00130	-21.21	120.21	0.00118
113.14	-28.28	0.00350	106.07	-21.21	0.00380
98.99	-14.14	0.00414	91.92	-7.07	0.00453
84.85	0.00	0.00496	77.78	7.07	0.00542
70.71	14.14	0.00588	63.64	21.21	0.00624
60.10	24.75	0.00634	56.57	28.28	0.00634
54.45	30.41	0.00628	53.03	31.82	0.00622
51.62	33.23	0.00613	50.20	34.65	0.00603
48.79	36.06	0.00591	36.06	48.79	0.00301
34.65	50.20	0.00296	33.23	51.62	0.00293
31.82	53.03	0.00290	30.41	54.45	0.00286
28.28	56.57	0.00281	24.75	60.10	0.00270
21.21	63.64	0.00258	14.14	70.71	0.00232
7.07	77.78	0.00207	0.00	84.85	0.00184
-7.07	91.92	0.00164	-14.14	98.99	0.00147
-21.21	106.07	0.00132	-28.28	113.14	0.00119
106.07	-35.36	0.00351	98.99	-28.28	0.00381
91.92	-21.21	0.00416	84.85	-14.14	0.00455
77.78	-7.07	0.00498	70.71	0.00	0.00544
63.64	7.07	0.00589	56.57	14.14	0.00625
53.03	17.68	0.00636	49.50	21.21	0.00636
47.38	23.33	0.00630	45.96	24.75	0.00624
44.55	26.16	0.00615	43.13	27.58	0.00605
41.72	28.99	0.00593	28.99	41.72	0.00303
27.58	43.13	0.00298	26.16	44.55	0.00294
24.75	45.96	0.00291	23.33	47.38	0.00288
21.21	49.50	0.00282	17.68	53.03	0.00272
14.14	56.57	0.00259	7.07	63.64	0.00233
0.00	70.71	0.00208	-7.07	77.78	0.00185
-14.14	84.85	0.00165	-21.21	91.92	0.00148

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00133	-35.36	106.07	0.00120
98.99	-42.43	0.00352	91.92	-35.36	0.00383
84.85	-28.28	0.00417	77.78	-21.21	0.00456
70.71	-14.14	0.00499	63.64	-7.07	0.00545
56.57	0.00	0.00590	49.50	7.07	0.00626
45.96	10.61	0.00637	42.43	14.14	0.00637

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

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 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00631	38.89	17.68	0.00624
37.48	19.09	0.00615	36.06	20.51	0.00607
34.65	21.92	0.00597	21.92	34.65	0.00304
20.51	36.06	0.00299	19.09	37.48	0.00295
17.68	38.89	0.00292	16.26	40.31	0.00289
14.14	42.43	0.00283	10.61	45.96	0.00273
7.07	49.50	0.00261	0.00	56.57	0.00234
-7.07	63.64	0.00209	-14.14	70.71	0.00186
-21.21	77.78	0.00166	-28.28	84.85	0.00149
-35.36	91.92	0.00134	-42.43	98.99	0.00121
91.92	-49.50	0.00353	84.85	-42.43	0.00384
77.78	-35.36	0.00418	70.71	-28.28	0.00457
63.64	-21.21	0.00500	56.57	-14.14	0.00546
49.50	-7.07	0.00592	42.43	0.00	0.00627
38.89	3.54	0.00637	35.36	7.07	0.00638
33.23	9.19	0.00632	31.82	10.61	0.00625
30.41	12.02	0.00616	28.99	13.44	0.00607
27.58	14.85	0.00597	14.85	27.58	0.00304
13.44	28.99	0.00299	12.02	30.41	0.00296
10.61	31.82	0.00293	9.19	33.23	0.00290
7.07	35.36	0.00284	3.54	38.89	0.00274
0.00	42.43	0.00262	-7.07	49.50	0.00236
-14.14	56.57	0.00210	-21.21	63.64	0.00187
-28.28	70.71	0.00167	-35.36	77.78	0.00150
-42.43	84.85	0.00135	-49.50	91.92	0.00122
84.85	-56.57	0.00354	77.78	-49.50	0.00384
70.71	-42.43	0.00419	63.64	-35.36	0.00458
56.57	-28.28	0.00501	49.50	-21.21	0.00547

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00593	35.36	-7.07	0.00629
31.82	-3.54	0.00638	28.28	0.00	0.00638
26.16	2.12	0.00633	24.75	3.54	0.00626
23.33	4.95	0.00617	21.92	6.36	0.00607
20.51	7.78	0.00597	7.78	20.51	0.00304
6.36	21.92	0.00300	4.95	23.33	0.00297
3.54	24.75	0.00294	2.12	26.16	0.00290
0.00	28.28	0.00285	-3.54	31.82	0.00275
-7.07	35.36	0.00263	-14.14	42.43	0.00236
-21.21	49.50	0.00211	-28.28	56.57	0.00188
-35.36	63.64	0.00168	-42.43	70.71	0.00151
-49.50	77.78	0.00136	-56.57	84.85	0.00123

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
77.78	-63.64	0.00355	70.71	-56.57	0.00385
63.64	-49.50	0.00420	56.57	-42.43	0.00459
49.50	-35.36	0.00502	42.43	-28.28	0.00548
35.36	-21.21	0.00593	28.28	-14.14	0.00629
24.75	-10.61	0.00639	21.21	-7.07	0.00639
19.09	-4.95	0.00633	17.68	-3.54	0.00627
16.26	-2.12	0.00618	14.85	-0.71	0.00608
13.44	0.71	0.00597	0.71	13.44	0.00305
-0.71	14.85	0.00301	-2.12	16.26	0.00297
-3.54	17.68	0.00294	-4.95	19.09	0.00291
-7.07	21.21	0.00286	-10.61	24.75	0.00275
-14.14	28.28	0.00263	-21.21	35.36	0.00237
-28.28	42.43	0.00212	-35.36	49.50	0.00189
-42.43	56.57	0.00169	-49.50	63.64	0.00152
-56.57	70.71	0.00137	-63.64	77.78	0.00124
70.71	-70.71	0.00355	63.64	-63.64	0.00386
56.57	-56.57	0.00420	49.50	-49.50	0.00459
42.43	-42.43	0.00503	35.36	-35.36	0.00549
28.28	-28.28	0.00594	21.21	-21.21	0.00630
17.68	-17.68	0.00640	14.14	-14.14	0.00640
12.02	-12.02	0.00633	10.61	-10.61	0.00627
9.19	-9.19	0.00618	7.78	-7.78	0.00608

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00598	-6.36	6.36	0.00306
-7.78	7.78	0.00301	-9.19	9.19	0.00298
-10.61	10.61	0.00295	-12.02	12.02	0.00291
-14.14	14.14	0.00286	-17.68	17.68	0.00276
-21.21	21.21	0.00264	-28.28	28.28	0.00238
-35.36	35.36	0.00212	-42.43	42.43	0.00190
-49.50	49.50	0.00170	-56.57	56.57	0.00152
-63.64	63.64	0.00137	-70.71	70.71	0.00125
63.64	-77.78	0.00356	56.57	-70.71	0.00386
49.50	-63.64	0.00421	42.43	-56.57	0.00460
35.36	-49.50	0.00503	28.28	-42.43	0.00549
21.21	-35.36	0.00594	14.14	-28.28	0.00630
10.61	-24.75	0.00640	7.07	-21.21	0.00640
4.95	-19.09	0.00634	3.54	-17.68	0.00627
2.12	-16.26	0.00619	0.71	-14.85	0.00608
-0.71	-13.44	0.00597	-13.44	-0.71	0.00306
-14.85	0.71	0.00302	-16.26	2.12	0.00298
-17.68	3.54	0.00295	-19.09	4.95	0.00292

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00287	-24.75	10.61	0.00276
-28.28	14.14	0.00264	-35.36	21.21	0.00238
-42.43	28.28	0.00213	-49.50	35.36	0.00190
-56.57	42.43	0.00170	-63.64	49.50	0.00153
-70.71	56.57	0.00138	-77.78	63.64	0.00125
56.57	-84.85	0.00356	49.50	-77.78	0.00386
42.43	-70.71	0.00421	35.36	-63.64	0.00460
28.28	-56.57	0.00503	21.21	-49.50	0.00549
14.14	-42.43	0.00595	7.07	-35.36	0.00631
3.54	-31.82	0.00640	0.00	-28.28	0.00640
-2.12	-26.16	0.00634	-3.54	-24.75	0.00628
-4.95	-23.33	0.00619	-6.36	-21.92	0.00609
-7.78	-20.51	0.00598	-20.51	-7.78	0.00307
-21.92	-6.36	0.00302	-23.33	-4.95	0.00299
-24.75	-3.54	0.00296	-26.16	-2.12	0.00293
-28.28	0.00	0.00287	-31.82	3.54	0.00277

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00265	-42.43	14.14	0.00239
-49.50	21.21	0.00213	-56.57	28.28	0.00191
-63.64	35.36	0.00171	-70.71	42.43	0.00153
-77.78	49.50	0.00138	-84.85	56.57	0.00126
49.50	-91.92	0.00356	42.43	-84.85	0.00387
35.36	-77.78	0.00421	28.28	-70.71	0.00460
21.21	-63.64	0.00504	14.14	-56.57	0.00550
7.07	-49.50	0.00595	0.00	-42.43	0.00631
-3.54	-38.89	0.00641	-7.07	-35.36	0.00641
-9.19	-33.23	0.00635	-10.61	-31.82	0.00628
-12.02	-30.41	0.00619	-13.44	-28.99	0.00609
-14.85	-27.58	0.00598	-27.58	-14.85	0.00307
-28.99	-13.44	0.00302	-30.41	-12.02	0.00299
-31.82	-10.61	0.00296	-33.23	-9.19	0.00293
-35.36	-7.07	0.00287	-38.89	-3.54	0.00277
-42.43	0.00	0.00265	-49.50	7.07	0.00239
-56.57	14.14	0.00214	-63.64	21.21	0.00191
-70.71	28.28	0.00171	-77.78	35.36	0.00154
-84.85	42.43	0.00139	-91.92	49.50	0.00126
42.43	-98.99	0.00356	35.36	-91.92	0.00387
28.28	-84.85	0.00421	21.21	-77.78	0.00460
14.14	-70.71	0.00504	7.07	-63.64	0.00550
0.00	-56.57	0.00595	-7.07	-49.50	0.00631
-10.61	-45.96	0.00641	-14.14	-42.43	0.00641

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

14:47:10  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00635	-17.68	-38.89	0.00629
-19.09	-37.48	0.00620	-20.51	-36.06	0.00610
-21.92	-34.65	0.00598	-34.65	-21.92	0.00308
-36.06	-20.51	0.00303	-37.48	-19.09	0.00299
-38.89	-17.68	0.00296	-40.31	-16.26	0.00293
-42.43	-14.14	0.00288	-45.96	-10.61	0.00277
-49.50	-7.07	0.00265	-56.57	0.00	0.00239
-63.64	7.07	0.00214	-70.71	14.14	0.00191
-77.78	21.21	0.00171	-84.85	28.28	0.00154
-91.92	35.36	0.00139	-98.99	42.43	0.00126

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00356	28.28	-98.99	0.00386
21.21	-91.92	0.00421	14.14	-84.85	0.00460
7.07	-77.78	0.00503	0.00	-70.71	0.00549
-7.07	-63.64	0.00595	-14.14	-56.57	0.00630
-17.68	-53.03	0.00641	-21.21	-49.50	0.00641
-23.33	-47.38	0.00635	-24.75	-45.96	0.00628
-26.16	-44.55	0.00619	-27.58	-43.13	0.00611
-28.99	-41.72	0.00600	-41.72	-28.99	0.00308
-43.13	-27.58	0.00303	-44.55	-26.16	0.00299
-45.96	-24.75	0.00296	-47.38	-23.33	0.00293
-49.50	-21.21	0.00288	-53.03	-17.68	0.00277
-56.57	-14.14	0.00265	-63.64	-7.07	0.00239
-70.71	0.00	0.00214	-77.78	7.07	0.00191
-84.85	14.14	0.00171	-91.92	21.21	0.00154
-98.99	28.28	0.00139	-106.07	35.36	0.00126
28.28	-113.14	0.00355	21.21	-106.07	0.00386
14.14	-98.99	0.00421	7.07	-91.92	0.00460
0.00	-84.85	0.00503	-7.07	-77.78	0.00549
-14.14	-70.71	0.00594	-21.21	-63.64	0.00630
-24.75	-60.10	0.00640	-28.28	-56.57	0.00641
-30.41	-54.45	0.00635	-31.82	-53.03	0.00628
-33.23	-51.62	0.00619	-34.65	-50.20	0.00609
-36.06	-48.79	0.00599	-48.79	-36.06	0.00307
-50.20	-34.65	0.00302	-51.62	-33.23	0.00299
-53.03	-31.82	0.00296	-54.45	-30.41	0.00293
-56.57	-28.28	0.00288	-60.10	-24.75	0.00277
-63.64	-21.21	0.00265	-70.71	-14.14	0.00239
-77.78	-7.07	0.00214	-84.85	0.00	0.00191
-91.92	7.07	0.00171	-98.99	14.14	0.00154
-106.07	21.21	0.00139	-113.14	28.28	0.00126

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

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 \*\*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	0.00354	14.14	-113.14	0.00385
7.07	-106.07	0.00420	0.00	-98.99	0.00459
-7.07	-91.92	0.00503	-14.14	-84.85	0.00549
-21.21	-77.78	0.00594	-28.28	-70.71	0.00630

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00639	-35.36	-63.64	0.00640
-37.48	-61.52	0.00634	-38.89	-60.10	0.00628
-40.31	-58.69	0.00619	-41.72	-57.28	0.00608
-43.13	-55.86	0.00599	-55.86	-43.13	0.00307
-57.28	-41.72	0.00302	-58.69	-40.31	0.00299
-60.10	-38.89	0.00296	-61.52	-37.48	0.00293
-63.64	-35.36	0.00288	-67.18	-31.82	0.00277
-70.71	-28.28	0.00265	-77.78	-21.21	0.00239
-84.85	-14.14	0.00214	-91.92	-7.07	0.00191
-98.99	0.00	0.00171	-106.07	7.07	0.00154
-113.14	14.14	0.00139	-120.21	21.21	0.00126
14.14	-127.28	0.00353	7.07	-120.21	0.00384
0.00	-113.14	0.00419	-7.07	-106.07	0.00459
-14.14	-98.99	0.00502	-21.21	-91.92	0.00548
-28.28	-84.85	0.00593	-35.36	-77.78	0.00629
-38.89	-74.25	0.00639	-42.43	-70.71	0.00639
-44.55	-68.59	0.00633	-45.96	-67.18	0.00627
-47.38	-65.76	0.00618	-48.79	-64.35	0.00608
-50.20	-62.93	0.00598	-62.93	-50.20	0.00306
-64.35	-48.79	0.00302	-65.76	-47.38	0.00298
-67.18	-45.96	0.00295	-68.59	-44.55	0.00292
-70.71	-42.43	0.00287	-74.25	-38.89	0.00277
-77.78	-35.36	0.00265	-84.85	-28.28	0.00239
-91.92	-21.21	0.00214	-98.99	-14.14	0.00191
-106.07	-7.07	0.00171	-113.14	0.00	0.00154
-120.21	7.07	0.00139	-127.28	14.14	0.00126
7.07	-134.35	0.00352	0.00	-127.28	0.00383
-7.07	-120.21	0.00418	-14.14	-113.14	0.00458
-21.21	-106.07	0.00501	-28.28	-98.99	0.00547
-35.36	-91.92	0.00592	-42.43	-84.85	0.00629
-45.96	-81.32	0.00638	-49.50	-77.78	0.00638
-51.62	-75.66	0.00632	-53.03	-74.25	0.00626
-54.45	-72.83	0.00617	-55.86	-71.42	0.00607
-57.28	-70.00	0.00597	-70.00	-57.28	0.00306
-71.42	-55.86	0.00301	-72.83	-54.45	0.00298
-74.25	-53.03	0.00295	-75.66	-51.62	0.00292

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

\*\*\* 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: ALL

\*\*\*

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

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



12NCRA\_PL92-300\_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	0.00287	-81.32	-45.96	0.00276
-84.85	-42.43	0.00265	-91.92	-35.36	0.00239
-98.99	-28.28	0.00213	-106.07	-21.21	0.00191
-113.14	-14.14	0.00171	-120.21	-7.07	0.00154
-127.28	0.00	0.00139	-134.35	7.07	0.00126
0.00	-141.42	0.00350	-7.07	-134.35	0.00381
-14.14	-127.28	0.00417	-21.21	-120.21	0.00456
-28.28	-113.14	0.00500	-35.36	-106.07	0.00546
-42.43	-98.99	0.00591	-49.50	-91.92	0.00627
-53.03	-88.39	0.00637	-56.57	-84.85	0.00637
-58.69	-82.73	0.00632	-60.10	-81.32	0.00625
-61.52	-79.90	0.00616	-62.93	-78.49	0.00606
-64.35	-77.07	0.00595	-77.07	-64.35	0.00305
-78.49	-62.93	0.00301	-79.90	-61.52	0.00297
-81.32	-60.10	0.00294	-82.73	-58.69	0.00291
-84.85	-56.57	0.00286	-88.39	-53.03	0.00276
-91.92	-49.50	0.00264	-98.99	-42.43	0.00238
-106.07	-35.36	0.00213	-113.14	-28.28	0.00190
-120.21	-21.21	0.00170	-127.28	-14.14	0.00153
-134.35	-7.07	0.00139	-141.42	0.00	0.00126
-7.07	-148.49	0.00348	-14.14	-141.42	0.00379
-21.21	-134.35	0.00415	-28.28	-127.28	0.00454
-35.36	-120.21	0.00498	-42.43	-113.14	0.00544
-49.50	-106.07	0.00590	-56.57	-98.99	0.00626
-60.10	-95.46	0.00636	-63.64	-91.92	0.00636
-65.76	-89.80	0.00630	-67.18	-88.39	0.00624
-68.59	-86.97	0.00615	-70.00	-85.56	0.00605
-71.42	-84.15	0.00594	-84.15	-71.42	0.00305
-85.56	-70.00	0.00300	-86.97	-68.59	0.00297
-88.39	-67.18	0.00294	-89.80	-65.76	0.00291
-91.92	-63.64	0.00285	-95.46	-60.10	0.00275
-98.99	-56.57	0.00263	-106.07	-49.50	0.00237
-113.14	-42.43	0.00212	-120.21	-35.36	0.00190
-127.28	-28.28	0.00170	-134.35	-21.21	0.00153
-141.42	-14.14	0.00138	-148.49	-7.07	0.00126
-14.14	-155.56	0.00345	-21.21	-148.49	0.00376
-28.28	-141.42	0.00412	-35.36	-134.35	0.00452
-42.43	-127.28	0.00496	-49.50	-120.21	0.00542
-56.57	-113.14	0.00588	-63.64	-106.07	0.00624
-67.18	-102.53	0.00634	-70.71	-98.99	0.00635

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

\*\*\* 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: 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	0.00629	-74.25	-95.46	0.00622
-75.66	-94.05	0.00614	-77.07	-92.63	0.00604
-78.49	-91.22	0.00593	-91.22	-78.49	0.00304
-92.63	-77.07	0.00299	-94.05	-75.66	0.00296
-95.46	-74.25	0.00293	-96.87	-72.83	0.00290
-98.99	-70.71	0.00285	-102.53	-67.18	0.00274
-106.07	-63.64	0.00262	-113.14	-56.57	0.00237
-120.21	-49.50	0.00211	-127.28	-42.43	0.00189
-134.35	-35.36	0.00169	-141.42	-28.28	0.00152
-148.49	-21.21	0.00138	-155.56	-14.14	0.00125
-21.21	-162.63	0.00341	-28.28	-155.56	0.00373
-35.36	-148.49	0.00408	-42.43	-141.42	0.00449
-49.50	-134.35	0.00493	-56.57	-127.28	0.00540
-63.64	-120.21	0.00585	-70.71	-113.14	0.00622
-74.25	-109.60	0.00632	-77.78	-106.07	0.00633
-79.90	-103.94	0.00627	-81.32	-102.53	0.00621
-82.73	-101.12	0.00613	-84.15	-99.70	0.00602
-85.56	-98.29	0.00591	-98.29	-85.56	0.00303
-99.70	-84.15	0.00298	-101.12	-82.73	0.00294
-102.53	-81.32	0.00291	-103.94	-79.90	0.00288
-106.07	-77.78	0.00283	-109.60	-74.25	0.00273
-113.14	-70.71	0.00261	-120.21	-63.64	0.00235
-127.28	-56.57	0.00210	-134.35	-49.50	0.00188
-141.42	-42.43	0.00168	-148.49	-35.36	0.00151
-155.56	-28.28	0.00137	-162.63	-21.21	0.00125
-28.28	-169.71	0.00336	-35.36	-162.63	0.00368
-42.43	-155.56	0.00404	-49.50	-148.49	0.00444
-56.57	-141.42	0.00489	-63.64	-134.35	0.00536
-70.71	-127.28	0.00582	-77.78	-120.21	0.00619
-81.32	-116.67	0.00629	-84.85	-113.14	0.00630
-86.97	-111.02	0.00624	-88.39	-109.60	0.00617
-89.80	-108.19	0.00609	-91.22	-106.77	0.00601
-92.63	-105.36	0.00591	-105.36	-92.63	0.00301
-106.77	-91.22	0.00296	-108.19	-89.80	0.00293
-109.60	-88.39	0.00290	-111.02	-86.97	0.00287
-113.14	-84.85	0.00282	-116.67	-81.32	0.00272

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00260	-127.28	-70.71	0.00234
-134.35	-63.64	0.00209	-141.42	-56.57	0.00186
-148.49	-49.50	0.00167	-155.56	-42.43	0.00151
-162.63	-35.36	0.00136	-169.71	-28.28	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* 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: 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	0.00329	-42.43	-169.71	0.00361
-49.50	-162.63	0.00398	-56.57	-155.56	0.00438
-63.64	-148.49	0.00483	-70.71	-141.42	0.00531
-77.78	-134.35	0.00578	-84.85	-127.28	0.00615
-88.39	-123.74	0.00625	-91.92	-120.21	0.00627
-94.05	-118.09	0.00621	-95.46	-116.67	0.00614
-96.87	-115.26	0.00606	-98.29	-113.84	0.00597
-99.70	-112.43	0.00587	-112.43	-99.70	0.00298
-113.84	-98.29	0.00294	-115.26	-96.87	0.00291
-116.67	-95.46	0.00288	-118.09	-94.05	0.00285
-120.21	-91.92	0.00280	-123.74	-88.39	0.00270
-127.28	-84.85	0.00258	-134.35	-77.78	0.00232
-141.42	-70.71	0.00207	-148.49	-63.64	0.00185
-155.56	-56.57	0.00166	-162.63	-49.50	0.00150
-169.71	-42.43	0.00135	-176.78	-35.36	0.00123
-42.43	-183.85	0.00320	-49.50	-176.78	0.00352
-56.57	-169.71	0.00389	-63.64	-162.63	0.00430
-70.71	-155.56	0.00476	-77.78	-148.49	0.00525
-84.85	-141.42	0.00572	-91.92	-134.35	0.00610
-95.46	-130.81	0.00620	-98.99	-127.28	0.00622
-101.12	-125.16	0.00617	-102.53	-123.74	0.00611
-103.94	-122.33	0.00602	-105.36	-120.92	0.00592
-106.77	-119.50	0.00583	-119.50	-106.77	0.00295
-120.92	-105.36	0.00291	-122.33	-103.94	0.00288
-123.74	-102.53	0.00285	-125.16	-101.12	0.00282
-127.28	-98.99	0.00277	-130.81	-95.46	0.00267
-134.35	-91.92	0.00255	-141.42	-84.85	0.00230
-148.49	-77.78	0.00205	-155.56	-70.71	0.00183
-162.63	-63.64	0.00165	-169.71	-56.57	0.00148
-176.78	-49.50	0.00134	-183.85	-42.43	0.00122

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00308	-56.57	-183.85	0.00340
-63.64	-176.78	0.00377	-70.71	-169.71	0.00419
-77.78	-162.63	0.00465	-84.85	-155.56	0.00515
-91.92	-148.49	0.00564	-98.99	-141.42	0.00603
-102.53	-137.89	0.00614	-106.07	-134.35	0.00615
-108.19	-132.23	0.00611	-109.60	-130.81	0.00605
-111.02	-129.40	0.00597	-112.43	-127.99	0.00587
-113.84	-126.57	0.00577	-126.57	-113.84	0.00291
-127.99	-112.43	0.00287	-129.40	-111.02	0.00284
-130.81	-109.60	0.00282	-132.23	-108.19	0.00279

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

\*\*\* 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
-134.35	-106.07	0.00274	-137.89	-102.53	0.00264
-141.42	-98.99	0.00252	-148.49	-91.92	0.00227
-155.56	-84.85	0.00203	-162.63	-77.78	0.00181
-169.71	-70.71	0.00163	-176.78	-63.64	0.00146
-183.85	-56.57	0.00132	-190.92	-49.50	0.00120
-56.57	-197.99	0.00292	-63.64	-190.92	0.00324
-70.71	-183.85	0.00360	-77.78	-176.78	0.00402
-84.85	-169.71	0.00450	-91.92	-162.63	0.00500
-98.99	-155.56	0.00551	-106.07	-148.49	0.00592
-109.60	-144.96	0.00605	-113.14	-141.42	0.00607
-115.26	-139.30	0.00602	-116.67	-137.89	0.00597
-118.09	-136.47	0.00589	-119.50	-135.06	0.00580
-120.92	-133.64	0.00570	-133.64	-120.92	0.00287
-135.06	-119.50	0.00283	-136.47	-118.09	0.00280
-137.89	-116.67	0.00277	-139.30	-115.26	0.00274
-141.42	-113.14	0.00269	-144.96	-109.60	0.00259
-148.49	-106.07	0.00248	-155.56	-98.99	0.00224
-162.63	-91.92	0.00200	-169.71	-84.85	0.00179
-176.78	-77.78	0.00160	-183.85	-70.71	0.00144
-190.92	-63.64	0.00130	-197.99	-56.57	0.00118
-63.64	-205.06	0.00272	-70.71	-197.99	0.00302
-77.78	-190.92	0.00337	-84.85	-183.85	0.00378
-91.92	-176.78	0.00425	-98.99	-169.71	0.00477
-106.07	-162.63	0.00530	-113.14	-155.56	0.00575

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00589	-120.21	-148.49	0.00594
-122.33	-146.37	0.00590	-123.74	-144.96	0.00585
-125.16	-143.54	0.00578	-126.57	-142.13	0.00569
-127.99	-140.71	0.00559	-140.71	-127.99	0.00280
-142.13	-126.57	0.00276	-143.54	-125.16	0.00273
-144.96	-123.74	0.00271	-146.37	-122.33	0.00268
-148.49	-120.21	0.00263	-152.03	-116.67	0.00254
-155.56	-113.14	0.00243	-162.63	-106.07	0.00219
-169.71	-98.99	0.00196	-176.78	-91.92	0.00175
-183.85	-84.85	0.00156	-190.92	-77.78	0.00141
-197.99	-70.71	0.00127	-205.06	-63.64	0.00115
-70.71	-212.13	0.00248	-77.78	-205.06	0.00274
-84.85	-197.99	0.00306	-91.92	-190.92	0.00344
-98.99	-183.85	0.00388	-106.07	-176.78	0.00439
-113.14	-169.71	0.00494	-120.21	-162.63	0.00543
-123.74	-159.10	0.00561	-127.28	-155.56	0.00570

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: 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	0.00569	-130.81	-152.03	0.00565
-132.23	-150.61	0.00559	-133.64	-149.20	0.00552
-135.06	-147.79	0.00544	-147.79	-135.06	0.00271
-149.20	-133.64	0.00267	-150.61	-132.23	0.00265
-152.03	-130.81	0.00262	-153.44	-129.40	0.00260
-155.56	-127.28	0.00255	-159.10	-123.74	0.00247
-162.63	-120.21	0.00236	-169.71	-113.14	0.00213
-176.78	-106.07	0.00190	-183.85	-98.99	0.00169
-190.92	-91.92	0.00151	-197.99	-84.85	0.00136
-205.06	-77.78	0.00123	-212.13	-70.71	0.00112
-77.78	-219.20	0.00221	-84.85	-212.13	0.00243
-91.92	-205.06	0.00269	-98.99	-197.99	0.00300
-106.07	-190.92	0.00337	-113.14	-183.85	0.00379
-120.21	-176.78	0.00428	-127.28	-169.71	0.00479
-130.81	-166.17	0.00502	-134.35	-162.63	0.00518
-136.47	-160.51	0.00523	-137.89	-159.10	0.00523
-139.30	-157.68	0.00522	-140.71	-156.27	0.00518
-142.13	-154.86	0.00514	-154.86	-142.13	0.00258

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00254	-157.68	-139.30	0.00252
-159.10	-137.89	0.00250	-160.51	-136.47	0.00248
-162.63	-134.35	0.00244	-166.17	-130.81	0.00235
-169.71	-127.28	0.00225	-176.78	-120.21	0.00202
-183.85	-113.14	0.00180	-190.92	-106.07	0.00161
-197.99	-98.99	0.00144	-205.06	-91.92	0.00129
-212.13	-84.85	0.00117	-219.20	-77.78	0.00107
-84.85	-226.27	0.00192	-91.92	-219.20	0.00209
-98.99	-212.13	0.00228	-106.07	-205.06	0.00250
-113.14	-197.99	0.00275	-120.21	-190.92	0.00303
-127.28	-183.85	0.00333	-134.35	-176.78	0.00362
-137.89	-173.24	0.00375	-141.42	-169.71	0.00387
-143.54	-167.58	0.00395	-144.96	-166.17	0.00400
-146.37	-164.76	0.00405	-147.79	-163.34	0.00413
-149.20	-161.93	0.00422	-161.93	-149.20	0.00234
-163.34	-147.79	0.00230	-164.76	-146.37	0.00228
-166.17	-144.96	0.00225	-167.58	-143.54	0.00223
-169.71	-141.42	0.00219	-173.24	-137.89	0.00212
-176.78	-134.35	0.00203	-183.85	-127.28	0.00183
-190.92	-120.21	0.00165	-197.99	-113.14	0.00148
-205.06	-106.07	0.00133	-212.13	-98.99	0.00120
-219.20	-91.92	0.00109	-226.27	-84.85	0.00100

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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	0.00163	-98.99	-226.27	0.00175
-106.07	-219.20	0.00187	-113.14	-212.13	0.00200
-120.21	-205.06	0.00213	-127.28	-197.99	0.00225
-134.35	-190.92	0.00233	-141.42	-183.85	0.00233
-144.96	-180.31	0.00228	-148.49	-176.78	0.00218
-150.61	-174.66	0.00209	-152.03	-173.24	0.00203
-153.44	-171.83	0.00195	-154.86	-170.41	0.00188
-156.27	-169.00	0.00180	-169.00	-156.27	0.00158
-170.41	-154.86	0.00160	-171.83	-153.44	0.00162
-173.24	-152.03	0.00164	-174.66	-150.61	0.00165
-176.78	-148.49	0.00166	-180.31	-144.96	0.00166
-183.85	-141.42	0.00163	-190.92	-134.35	0.00154

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00142	-205.06	-120.21	0.00130
-212.13	-113.14	0.00119	-219.20	-106.07	0.00109
-226.27	-98.99	0.00100	-233.35	-91.92	0.00092
-98.99	-240.42	0.00137	-106.07	-233.35	0.00145
-113.14	-226.27	0.00152	-120.21	-219.20	0.00158
-127.28	-212.13	0.00164	-134.35	-205.06	0.00166
-141.42	-197.99	0.00164	-148.49	-190.92	0.00157
-152.03	-187.38	0.00151	-155.56	-183.85	0.00145
-157.68	-181.73	0.00141	-159.10	-180.31	0.00138
-160.51	-178.90	0.00135	-161.93	-177.48	0.00133
-163.34	-176.07	0.00130	-176.07	-163.34	0.00117
-177.48	-161.93	0.00119	-178.90	-160.51	0.00120
-180.31	-159.10	0.00122	-181.73	-157.68	0.00123
-183.85	-155.56	0.00125	-187.38	-152.03	0.00127
-190.92	-148.49	0.00127	-197.99	-141.42	0.00124
-205.06	-134.35	0.00118	-212.13	-127.28	0.00111
-219.20	-120.21	0.00104	-226.27	-113.14	0.00096
-233.35	-106.07	0.00090	-240.42	-98.99	0.00084
-106.07	-247.49	0.00115	-113.14	-240.42	0.00119
-120.21	-233.35	0.00123	-127.28	-226.27	0.00126
-134.35	-219.20	0.00127	-141.42	-212.13	0.00127
-148.49	-205.06	0.00124	-155.56	-197.99	0.00120
-159.10	-194.45	0.00117	-162.63	-190.92	0.00114
-164.76	-188.80	0.00113	-166.17	-187.38	0.00112
-167.58	-185.97	0.00110	-169.00	-184.55	0.00109
-170.41	-183.14	0.00106	-183.14	-170.41	0.00097
-184.55	-169.00	0.00097	-185.97	-167.58	0.00098
-187.38	-166.17	0.00098	-188.80	-164.76	0.00099

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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	-162.63	0.00100	-194.45	-159.10	0.00102
-197.99	-155.56	0.00103	-205.06	-148.49	0.00102
-212.13	-141.42	0.00099	-219.20	-134.35	0.00095
-226.27	-127.28	0.00090	-233.35	-120.21	0.00085
-240.42	-113.14	0.00080	-247.49	-106.07	0.00075

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

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12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00527 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( -116.67, -152.03, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( -123.74, -144.96, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00527 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( -53.03, -88.39, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( -60.10, -81.32, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00527 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 10.61, -24.75, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( 3.54, -17.68, 0.00, 1.20)	DC	NA

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00527 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 74.25, 38.89, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( 67.18, 45.96, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00527 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 132.23, 108.19, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 137.89, 102.53, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA



		12NCRA PL92-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00519	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00519	AT (	130.81,	109.60,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00641	AT (	-14.14,	-42.43,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00641	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00641	AT (	-7.07,	-35.36,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00641	AT (	-21.21,	-49.50,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00641	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00641	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00641	AT (	-28.28,	-56.57,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00640	AT (	0.00,	-28.28,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00640	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00640	AT (	7.07,	-21.21,	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 4 Informational Message(s)  
 A Total of 4 Calm Hours Identified

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

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

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