

1                   02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
                  ISCST3 - (DATED 02035)  
  
                  ISCST3x            VERSION 4.4.3  
                  (C) COPYRIGHT 1991-2006, Tri ni ty Consul tants  
  
Run Began on 6/13/2008 at 14:51:37  
  
\*\* BREEZE ISC GIS Pro v5.2.1 - C:\NCRA\Modeling\Acrolein Risk\Traveling  
Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_1-Hr\_SE-NW Bound\_Corrected.dat  
  
\*\* Tri ni ty Consul tants

CO STARTING

CO TITLEONE   NCRA Cumulative 1-Hr Acrolein Impacts

CO TITLETWO   Maximum train overlap at SE/NW Bound Direction

CO MODELOPT   DEFAULT   CONC   URBAN

CO AVERTIME   1

CO POLLUTID   OTHER

CO TERRHGTS   FLAT

CO FLAGPOLE   1.2

CO RUNORNOT   RUN

CO FINISHED

SO STARTING

SO ELEVUNIT   METERS

SO LOCATION   NCRA\_S1   AREA 98.64 -92.28 0

\*\* SRCDESCR   NCRA Cumulative Trains 2, 3 &4\_North-South

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

S0 LOCATION NCRA\_S2 AREA 35.0 -28.64 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S3 AREA -28.64 35.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S4 AREA -92.28 98.64 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S5 AREA -155.92 162.28 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 SRCPARAM NCRA\_S1 2.110000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S2 2.110000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S3 2.110000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S4 2.110000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S5 2.110000E-11 4.953 9 90 135 2.3

S0 SRCGROUP NCRA\_S1 NCRA\_S1

S0 SRCGROUP NCRA\_S2 NCRA\_S2

S0 SRCGROUP NCRA\_S3 NCRA\_S3

S0 SRCGROUP NCRA\_S4 NCRA\_S4

S0 SRCGROUP NCRA\_S5 NCRA\_S5

S0 SRCGROUP ALL

S0 FINISHED

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE STARTING

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-190.92	162.63	1.2
RE DI SCCART	-194.45	159.1	1.2
RE DI SCCART	-197.99	155.56	1.2
RE DI SCCART	-205.06	148.49	1.2
RE DI SCCART	-212.13	141.42	1.2
RE DI SCCART	-219.2	134.35	1.2
RE DI SCCART	-226.27	127.28	1.2
RE DI SCCART	-233.35	120.21	1.2
RE DI SCCART	-240.42	113.14	1.2
RE DI SCCART	-247.49	106.07	1.2
RE DI SCCART	-98.99	240.42	1.2
RE DI SCCART	-106.07	233.35	1.2
RE DI SCCART	-113.14	226.27	1.2
RE DI SCCART	-120.21	219.2	1.2
RE DI SCCART	-127.28	212.13	1.2
RE DI SCCART	-134.35	205.06	1.2
RE DI SCCART	-141.42	197.99	1.2
RE DI SCCART	-148.49	190.92	1.2
RE DI SCCART	-152.03	187.38	1.2
RE DI SCCART	-155.56	183.85	1.2
RE DI SCCART	-157.68	181.73	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-159.1	180.31	1.2
RE DI SCCART	-160.51	178.9	1.2
RE DI SCCART	-161.93	177.48	1.2
RE DI SCCART	-163.34	176.07	1.2
RE DI SCCART	-176.07	163.34	1.2
RE DI SCCART	-177.48	161.93	1.2
RE DI SCCART	-178.9	160.51	1.2
RE DI SCCART	-180.31	159.1	1.2
RE DI SCCART	-181.73	157.68	1.2
RE DI SCCART	-183.85	155.56	1.2
RE DI SCCART	-187.38	152.03	1.2
RE DI SCCART	-190.92	148.49	1.2
RE DI SCCART	-197.99	141.42	1.2
RE DI SCCART	-205.06	134.35	1.2
RE DI SCCART	-212.13	127.28	1.2
RE DI SCCART	-219.2	120.21	1.2
RE DI SCCART	-226.27	113.14	1.2
RE DI SCCART	-233.35	106.07	1.2
RE DI SCCART	-240.42	98.99	1.2
RE DI SCCART	-91.92	233.35	1.2
RE DI SCCART	-98.99	226.27	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-106.07	219.2	1.2
RE DI SCCART	-113.14	212.13	1.2
RE DI SCCART	-120.21	205.06	1.2
RE DI SCCART	-127.28	197.99	1.2
RE DI SCCART	-134.35	190.92	1.2
RE DI SCCART	-141.42	183.85	1.2
RE DI SCCART	-144.96	180.31	1.2
RE DI SCCART	-148.49	176.78	1.2
RE DI SCCART	-150.61	174.66	1.2
RE DI SCCART	-152.03	173.24	1.2
RE DI SCCART	-153.44	171.83	1.2
RE DI SCCART	-154.86	170.41	1.2
RE DI SCCART	-156.27	169.0	1.2
RE DI SCCART	-169.0	156.27	1.2
RE DI SCCART	-170.41	154.86	1.2
RE DI SCCART	-171.83	153.44	1.2
RE DI SCCART	-173.24	152.03	1.2
RE DI SCCART	-174.66	150.61	1.2
RE DI SCCART	-176.78	148.49	1.2
RE DI SCCART	-180.31	144.96	1.2
RE DI SCCART	-183.85	141.42	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE	DI	SCCART	-190.92	134.35	1.2
RE	DI	SCCART	-197.99	127.28	1.2
RE	DI	SCCART	-205.06	120.21	1.2
RE	DI	SCCART	-212.13	113.14	1.2
RE	DI	SCCART	-219.2	106.07	1.2
RE	DI	SCCART	-226.27	99.0	1.2
RE	DI	SCCART	-233.35	91.92	1.2
RE	DI	SCCART	-84.85	226.27	1.2
RE	DI	SCCART	-91.92	219.2	1.2
RE	DI	SCCART	-98.99	212.13	1.2
RE	DI	SCCART	-106.07	205.06	1.2
RE	DI	SCCART	-113.14	197.99	1.2
RE	DI	SCCART	-120.21	190.92	1.2
RE	DI	SCCART	-127.28	183.85	1.2
RE	DI	SCCART	-134.35	176.78	1.2
RE	DI	SCCART	-137.89	173.24	1.2
RE	DI	SCCART	-141.42	169.71	1.2
RE	DI	SCCART	-143.54	167.58	1.2
RE	DI	SCCART	-144.96	166.17	1.2
RE	DI	SCCART	-146.37	164.76	1.2
RE	DI	SCCART	-147.79	163.34	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-113.14	183.85	1.2
RE DI SCCART	-120.21	176.78	1.2
RE DI SCCART	-127.28	169.71	1.2
RE DI SCCART	-130.81	166.17	1.2
RE DI SCCART	-134.35	162.63	1.2
RE DI SCCART	-136.47	160.51	1.2
RE DI SCCART	-137.89	159.1	1.2
RE DI SCCART	-139.3	157.68	1.2
RE DI SCCART	-140.71	156.27	1.2
RE DI SCCART	-142.13	154.86	1.2
RE DI SCCART	-154.86	142.13	1.2
RE DI SCCART	-156.27	140.71	1.2
RE DI SCCART	-157.68	139.3	1.2
RE DI SCCART	-159.1	137.89	1.2
RE DI SCCART	-160.51	136.47	1.2
RE DI SCCART	-162.63	134.35	1.2
RE DI SCCART	-166.17	130.81	1.2
RE DI SCCART	-169.71	127.28	1.2
RE DI SCCART	-176.78	120.21	1.2
RE DI SCCART	-183.85	113.14	1.2
RE DI SCCART	-190.92	106.07	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-197.99	99.0	1.2
RE DI SCCART	-205.06	91.92	1.2
RE DI SCCART	-212.13	84.85	1.2
RE DI SCCART	-219.2	77.78	1.2
RE DI SCCART	-70.71	212.13	1.2
RE DI SCCART	-77.78	205.06	1.2
RE DI SCCART	-84.85	197.99	1.2
RE DI SCCART	-91.92	190.92	1.2
RE DI SCCART	-98.99	183.85	1.2
RE DI SCCART	-106.07	176.78	1.2
RE DI SCCART	-113.14	169.71	1.2
RE DI SCCART	-120.21	162.63	1.2
RE DI SCCART	-123.74	159.1	1.2
RE DI SCCART	-127.28	155.56	1.2
RE DI SCCART	-129.4	153.44	1.2
RE DI SCCART	-130.81	152.03	1.2
RE DI SCCART	-132.23	150.61	1.2
RE DI SCCART	-133.64	149.2	1.2
RE DI SCCART	-135.06	147.79	1.2
RE DI SCCART	-147.79	135.06	1.2
RE DI SCCART	-149.2	133.64	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-150.61	132.23	1.2
RE DI SCCART	-152.03	130.81	1.2
RE DI SCCART	-153.44	129.4	1.2
RE DI SCCART	-155.56	127.28	1.2
RE DI SCCART	-159.1	123.74	1.2
RE DI SCCART	-162.63	120.21	1.2
RE DI SCCART	-169.71	113.14	1.2
RE DI SCCART	-176.78	106.07	1.2
RE DI SCCART	-183.85	98.99	1.2
RE DI SCCART	-190.92	91.92	1.2
RE DI SCCART	-197.99	84.85	1.2
RE DI SCCART	-205.06	77.78	1.2
RE DI SCCART	-212.13	70.71	1.2
RE DI SCCART	-63.64	205.06	1.2
RE DI SCCART	-70.71	197.99	1.2
RE DI SCCART	-77.78	190.92	1.2
RE DI SCCART	-84.85	183.85	1.2
RE DI SCCART	-91.92	176.78	1.2
RE DI SCCART	-98.99	169.71	1.2
RE DI SCCART	-106.07	162.63	1.2
RE DI SCCART	-113.14	155.56	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-116.67	152.03	1.2
RE DI SCCART	-120.21	148.49	1.2
RE DI SCCART	-122.33	146.37	1.2
RE DI SCCART	-123.74	144.96	1.2
RE DI SCCART	-125.16	143.54	1.2
RE DI SCCART	-126.57	142.13	1.2
RE DI SCCART	-127.99	140.71	1.2
RE DI SCCART	-140.71	127.99	1.2
RE DI SCCART	-142.13	126.57	1.2
RE DI SCCART	-143.54	125.16	1.2
RE DI SCCART	-144.96	123.74	1.2
RE DI SCCART	-146.37	122.33	1.2
RE DI SCCART	-148.49	120.21	1.2
RE DI SCCART	-152.03	116.67	1.2
RE DI SCCART	-155.56	113.14	1.2
RE DI SCCART	-162.63	106.07	1.2
RE DI SCCART	-169.71	98.99	1.2
RE DI SCCART	-176.78	91.92	1.2
RE DI SCCART	-183.85	84.85	1.2
RE DI SCCART	-190.92	77.78	1.2
RE DI SCCART	-197.99	70.71	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-205.06	63.64	1.2
RE DI SCCART	-56.57	197.99	1.2
RE DI SCCART	-63.64	190.92	1.2
RE DI SCCART	-70.71	183.85	1.2
RE DI SCCART	-77.78	176.78	1.2
RE DI SCCART	-84.85	169.71	1.2
RE DI SCCART	-91.92	162.63	1.2
RE DI SCCART	-98.99	155.56	1.2
RE DI SCCART	-106.07	148.49	1.2
RE DI SCCART	-109.6	144.96	1.2
RE DI SCCART	-113.14	141.42	1.2
RE DI SCCART	-115.26	139.3	1.2
RE DI SCCART	-116.67	137.89	1.2
RE DI SCCART	-118.09	136.47	1.2
RE DI SCCART	-119.5	135.06	1.2
RE DI SCCART	-120.92	133.64	1.2
RE DI SCCART	-133.64	120.92	1.2
RE DI SCCART	-135.06	119.5	1.2
RE DI SCCART	-136.47	118.09	1.2
RE DI SCCART	-137.89	116.67	1.2
RE DI SCCART	-139.3	115.26	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-141.42	113.14	1.2
RE DI SCCART	-144.96	109.6	1.2
RE DI SCCART	-148.49	106.07	1.2
RE DI SCCART	-155.56	98.99	1.2
RE DI SCCART	-162.63	91.92	1.2
RE DI SCCART	-169.71	84.85	1.2
RE DI SCCART	-176.78	77.78	1.2
RE DI SCCART	-183.85	70.71	1.2
RE DI SCCART	-190.92	63.64	1.2
RE DI SCCART	-197.99	56.57	1.2
RE DI SCCART	-49.5	190.92	1.2
RE DI SCCART	-56.57	183.85	1.2
RE DI SCCART	-63.64	176.78	1.2
RE DI SCCART	-70.71	169.71	1.2
RE DI SCCART	-77.78	162.63	1.2
RE DI SCCART	-84.85	155.56	1.2
RE DI SCCART	-91.92	148.49	1.2
RE DI SCCART	-98.99	141.42	1.2
RE DI SCCART	-102.53	137.89	1.2
RE DI SCCART	-106.07	134.35	1.2
RE DI SCCART	-108.19	132.23	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-109.6	130.81	1.2
RE DI SCCART	-111.02	129.4	1.2
RE DI SCCART	-112.43	127.99	1.2
RE DI SCCART	-113.84	126.57	1.2
RE DI SCCART	-126.57	113.84	1.2
RE DI SCCART	-127.99	112.43	1.2
RE DI SCCART	-129.4	111.02	1.2
RE DI SCCART	-130.81	109.6	1.2
RE DI SCCART	-132.23	108.19	1.2
RE DI SCCART	-134.35	106.07	1.2
RE DI SCCART	-137.89	102.53	1.2
RE DI SCCART	-141.42	98.99	1.2
RE DI SCCART	-148.49	91.92	1.2
RE DI SCCART	-155.56	84.85	1.2
RE DI SCCART	-162.63	77.78	1.2
RE DI SCCART	-169.71	70.71	1.2
RE DI SCCART	-176.78	63.64	1.2
RE DI SCCART	-183.85	56.57	1.2
RE DI SCCART	-190.92	49.5	1.2
RE DI SCCART	-42.43	183.85	1.2
RE DI SCCART	-49.5	176.78	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-56.57	169.71	1.2
RE DI SCCART	-63.64	162.63	1.2
RE DI SCCART	-70.71	155.56	1.2
RE DI SCCART	-77.78	148.49	1.2
RE DI SCCART	-84.85	141.42	1.2
RE DI SCCART	-91.92	134.35	1.2
RE DI SCCART	-95.46	130.81	1.2
RE DI SCCART	-98.99	127.28	1.2
RE DI SCCART	-101.12	125.16	1.2
RE DI SCCART	-102.53	123.74	1.2
RE DI SCCART	-103.94	122.33	1.2
RE DI SCCART	-105.36	120.92	1.2
RE DI SCCART	-106.77	119.5	1.2
RE DI SCCART	-119.5	106.77	1.2
RE DI SCCART	-120.92	105.36	1.2
RE DI SCCART	-122.33	103.94	1.2
RE DI SCCART	-123.74	102.53	1.2
RE DI SCCART	-125.16	101.12	1.2
RE DI SCCART	-127.28	98.99	1.2
RE DI SCCART	-130.81	95.46	1.2
RE DI SCCART	-134.35	91.92	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-141.42	84.85	1.2
RE DI SCCART	-148.49	77.78	1.2
RE DI SCCART	-155.56	70.71	1.2
RE DI SCCART	-162.63	63.64	1.2
RE DI SCCART	-169.71	56.57	1.2
RE DI SCCART	-176.78	49.5	1.2
RE DI SCCART	-183.85	42.43	1.2
RE DI SCCART	-35.36	176.78	1.2
RE DI SCCART	-42.43	169.71	1.2
RE DI SCCART	-49.5	162.63	1.2
RE DI SCCART	-56.57	155.56	1.2
RE DI SCCART	-63.64	148.49	1.2
RE DI SCCART	-70.71	141.42	1.2
RE DI SCCART	-77.78	134.35	1.2
RE DI SCCART	-84.85	127.28	1.2
RE DI SCCART	-88.39	123.74	1.2
RE DI SCCART	-91.92	120.21	1.2
RE DI SCCART	-94.05	118.09	1.2
RE DI SCCART	-95.46	116.67	1.2
RE DI SCCART	-96.87	115.26	1.2
RE DI SCCART	-98.29	113.84	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART -99.7 112.43 1.2  
RE DI SCCART -112.43 99.7 1.2  
RE DI SCCART -113.84 98.29 1.2  
RE DI SCCART -115.26 96.87 1.2  
RE DI SCCART -116.67 95.46 1.2  
RE DI SCCART -118.09 94.05 1.2  
RE DI SCCART -120.21 91.92 1.2  
RE DI SCCART -123.74 88.39 1.2  
RE DI SCCART -127.28 84.85 1.2  
RE DI SCCART -134.35 77.78 1.2  
RE DI SCCART -141.42 70.71 1.2  
RE DI SCCART -148.49 63.64 1.2  
RE DI SCCART -155.56 56.57 1.2  
RE DI SCCART -162.63 49.5 1.2  
RE DI SCCART -169.71 42.43 1.2  
RE DI SCCART -176.78 35.36 1.2  
RE DI SCCART -28.28 169.71 1.2  
RE DI SCCART -35.36 162.63 1.2  
RE DI SCCART -42.43 155.56 1.2  
RE DI SCCART -49.5 148.49 1.2  
RE DI SCCART -56.57 141.42 1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-63.64	134.35	1.2
RE DI SCCART	-70.71	127.28	1.2
RE DI SCCART	-77.78	120.21	1.2
RE DI SCCART	-81.32	116.67	1.2
RE DI SCCART	-84.85	113.14	1.2
RE DI SCCART	-86.97	111.02	1.2
RE DI SCCART	-88.39	109.6	1.2
RE DI SCCART	-89.8	108.19	1.2
RE DI SCCART	-91.22	106.77	1.2
RE DI SCCART	-92.63	105.36	1.2
RE DI SCCART	-105.36	92.63	1.2
RE DI SCCART	-106.77	91.22	1.2
RE DI SCCART	-108.19	89.8	1.2
RE DI SCCART	-109.6	88.39	1.2
RE DI SCCART	-111.02	86.97	1.2
RE DI SCCART	-113.14	84.85	1.2
RE DI SCCART	-116.67	81.32	1.2
RE DI SCCART	-120.21	77.78	1.2
RE DI SCCART	-127.28	70.71	1.2
RE DI SCCART	-134.35	63.64	1.2
RE DI SCCART	-141.42	56.57	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-101.12	82.73	1.2
RE DI SCCART	-102.53	81.32	1.2
RE DI SCCART	-103.94	79.9	1.2
RE DI SCCART	-106.07	77.78	1.2
RE DI SCCART	-109.6	74.25	1.2
RE DI SCCART	-113.14	70.71	1.2
RE DI SCCART	-120.21	63.64	1.2
RE DI SCCART	-127.28	56.57	1.2
RE DI SCCART	-134.35	49.5	1.2
RE DI SCCART	-141.42	42.43	1.2
RE DI SCCART	-148.49	35.36	1.2
RE DI SCCART	-155.56	28.28	1.2
RE DI SCCART	-162.63	21.21	1.2
RE DI SCCART	-14.14	155.56	1.2
RE DI SCCART	-21.21	148.49	1.2
RE DI SCCART	-28.28	141.42	1.2
RE DI SCCART	-35.36	134.35	1.2
RE DI SCCART	-42.43	127.28	1.2
RE DI SCCART	-49.5	120.21	1.2
RE DI SCCART	-56.57	113.14	1.2
RE DI SCCART	-63.64	106.07	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-67.18	102.53	1.2
RE DI SCCART	-70.71	98.99	1.2
RE DI SCCART	-72.83	96.87	1.2
RE DI SCCART	-74.25	95.46	1.2
RE DI SCCART	-75.66	94.05	1.2
RE DI SCCART	-77.07	92.63	1.2
RE DI SCCART	-78.49	91.22	1.2
RE DI SCCART	-91.22	78.49	1.2
RE DI SCCART	-92.63	77.07	1.2
RE DI SCCART	-94.05	75.66	1.2
RE DI SCCART	-95.46	74.25	1.2
RE DI SCCART	-96.87	72.83	1.2
RE DI SCCART	-98.99	70.71	1.2
RE DI SCCART	-102.53	67.18	1.2
RE DI SCCART	-106.07	63.64	1.2
RE DI SCCART	-113.14	56.57	1.2
RE DI SCCART	-120.21	49.5	1.2
RE DI SCCART	-127.28	42.43	1.2
RE DI SCCART	-134.35	35.36	1.2
RE DI SCCART	-141.42	28.28	1.2
RE DI SCCART	-148.49	21.21	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-155.56	14.14	1.2
RE DI SCCART	-7.07	148.49	1.2
RE DI SCCART	-14.14	141.42	1.2
RE DI SCCART	-21.21	134.35	1.2
RE DI SCCART	-28.28	127.28	1.2
RE DI SCCART	-35.36	120.21	1.2
RE DI SCCART	-42.43	113.14	1.2
RE DI SCCART	-49.5	106.07	1.2
RE DI SCCART	-56.57	98.99	1.2
RE DI SCCART	-60.1	95.46	1.2
RE DI SCCART	-63.64	91.92	1.2
RE DI SCCART	-65.76	89.8	1.2
RE DI SCCART	-67.18	88.39	1.2
RE DI SCCART	-68.59	86.97	1.2
RE DI SCCART	-70.0	85.56	1.2
RE DI SCCART	-71.42	84.15	1.2
RE DI SCCART	-84.15	71.42	1.2
RE DI SCCART	-85.56	70.0	1.2
RE DI SCCART	-86.97	68.59	1.2
RE DI SCCART	-88.39	67.18	1.2
RE DI SCCART	-89.8	65.76	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-91.92	63.64	1.2
RE DI SCCART	-95.46	60.1	1.2
RE DI SCCART	-98.99	56.57	1.2
RE DI SCCART	-106.07	49.5	1.2
RE DI SCCART	-113.14	42.43	1.2
RE DI SCCART	-120.21	35.36	1.2
RE DI SCCART	-127.28	28.28	1.2
RE DI SCCART	-134.35	21.21	1.2
RE DI SCCART	-141.42	14.14	1.2
RE DI SCCART	-148.49	7.07	1.2
RE DI SCCART	0.0	141.42	1.2
RE DI SCCART	-7.07	134.35	1.2
RE DI SCCART	-14.14	127.28	1.2
RE DI SCCART	-21.21	120.21	1.2
RE DI SCCART	-28.28	113.14	1.2
RE DI SCCART	-35.36	106.07	1.2
RE DI SCCART	-42.43	98.99	1.2
RE DI SCCART	-49.5	91.92	1.2
RE DI SCCART	-53.03	88.39	1.2
RE DI SCCART	-56.57	84.85	1.2
RE DI SCCART	-58.69	82.73	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-7.07	120.21	1.2
RE DI SCCART	-14.14	113.14	1.2
RE DI SCCART	-21.21	106.07	1.2
RE DI SCCART	-28.28	98.99	1.2
RE DI SCCART	-35.36	91.92	1.2
RE DI SCCART	-42.43	84.85	1.2
RE DI SCCART	-45.96	81.32	1.2
RE DI SCCART	-49.5	77.78	1.2
RE DI SCCART	-51.62	75.66	1.2
RE DI SCCART	-53.03	74.25	1.2
RE DI SCCART	-54.45	72.83	1.2
RE DI SCCART	-55.86	71.42	1.2
RE DI SCCART	-57.28	70.0	1.2
RE DI SCCART	-70.0	57.28	1.2
RE DI SCCART	-71.42	55.86	1.2
RE DI SCCART	-72.83	54.45	1.2
RE DI SCCART	-74.25	53.03	1.2
RE DI SCCART	-75.66	51.62	1.2
RE DI SCCART	-77.78	49.5	1.2
RE DI SCCART	-81.32	45.96	1.2
RE DI SCCART	-84.85	42.43	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-91.92	35.36	1.2
RE DI SCCART	-98.99	28.28	1.2
RE DI SCCART	-106.07	21.21	1.2
RE DI SCCART	-113.14	14.14	1.2
RE DI SCCART	-120.21	7.07	1.2
RE DI SCCART	-127.28	0.0	1.2
RE DI SCCART	-134.35	-7.07	1.2
RE DI SCCART	14.14	127.28	1.2
RE DI SCCART	7.07	120.21	1.2
RE DI SCCART	0.0	113.14	1.2
RE DI SCCART	-7.07	106.07	1.2
RE DI SCCART	-14.14	98.99	1.2
RE DI SCCART	-21.21	91.92	1.2
RE DI SCCART	-28.28	84.85	1.2
RE DI SCCART	-35.36	77.78	1.2
RE DI SCCART	-38.89	74.25	1.2
RE DI SCCART	-42.43	70.71	1.2
RE DI SCCART	-44.55	68.59	1.2
RE DI SCCART	-45.96	67.18	1.2
RE DI SCCART	-47.38	65.76	1.2
RE DI SCCART	-48.79	64.35	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-50.2	62.93	1.2
RE DI SCCART	-62.93	50.2	1.2
RE DI SCCART	-64.35	48.79	1.2
RE DI SCCART	-65.76	47.38	1.2
RE DI SCCART	-67.18	45.96	1.2
RE DI SCCART	-68.59	44.55	1.2
RE DI SCCART	-70.71	42.43	1.2
RE DI SCCART	-74.25	38.89	1.2
RE DI SCCART	-77.78	35.36	1.2
RE DI SCCART	-84.85	28.28	1.2
RE DI SCCART	-91.92	21.21	1.2
RE DI SCCART	-98.99	14.14	1.2
RE DI SCCART	-106.07	7.07	1.2
RE DI SCCART	-113.14	0.0	1.2
RE DI SCCART	-120.21	-7.07	1.2
RE DI SCCART	-127.28	-14.14	1.2
RE DI SCCART	21.21	120.21	1.2
RE DI SCCART	14.14	113.14	1.2
RE DI SCCART	7.07	106.07	1.2
RE DI SCCART	0.0	98.99	1.2
RE DI SCCART	-7.07	91.92	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-14.14	84.85	1.2
RE DI SCCART	-21.21	77.78	1.2
RE DI SCCART	-28.28	70.71	1.2
RE DI SCCART	-31.82	67.18	1.2
RE DI SCCART	-35.36	63.64	1.2
RE DI SCCART	-37.48	61.52	1.2
RE DI SCCART	-38.89	60.1	1.2
RE DI SCCART	-40.31	58.69	1.2
RE DI SCCART	-41.72	57.28	1.2
RE DI SCCART	-43.13	55.86	1.2
RE DI SCCART	-55.86	43.13	1.2
RE DI SCCART	-57.28	41.72	1.2
RE DI SCCART	-58.69	40.31	1.2
RE DI SCCART	-60.1	38.89	1.2
RE DI SCCART	-61.52	37.48	1.2
RE DI SCCART	-63.64	35.36	1.2
RE DI SCCART	-67.18	31.82	1.2
RE DI SCCART	-70.71	28.28	1.2
RE DI SCCART	-77.78	21.21	1.2
RE DI SCCART	-84.85	14.14	1.2
RE DI SCCART	-91.92	7.07	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-51.62	33.23	1.2
RE DI SCCART	-53.03	31.82	1.2
RE DI SCCART	-54.45	30.41	1.2
RE DI SCCART	-56.57	28.28	1.2
RE DI SCCART	-60.1	24.75	1.2
RE DI SCCART	-63.64	21.21	1.2
RE DI SCCART	-70.71	14.14	1.2
RE DI SCCART	-77.78	7.07	1.2
RE DI SCCART	-84.85	0.0	1.2
RE DI SCCART	-91.92	-7.07	1.2
RE DI SCCART	-98.99	-14.14	1.2
RE DI SCCART	-106.07	-21.21	1.2
RE DI SCCART	-113.14	-28.28	1.2
RE DI SCCART	35.36	106.07	1.2
RE DI SCCART	28.28	98.99	1.2
RE DI SCCART	21.21	91.92	1.2
RE DI SCCART	14.14	84.85	1.2
RE DI SCCART	7.07	77.78	1.2
RE DI SCCART	0.0	70.71	1.2
RE DI SCCART	-7.07	63.64	1.2
RE DI SCCART	-14.14	56.57	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-17.68	53.03	1.2
RE DI SCCART	-21.21	49.5	1.2
RE DI SCCART	-23.33	47.38	1.2
RE DI SCCART	-24.75	45.96	1.2
RE DI SCCART	-26.16	44.55	1.2
RE DI SCCART	-27.58	43.13	1.2
RE DI SCCART	-28.99	41.72	1.2
RE DI SCCART	-41.72	28.99	1.2
RE DI SCCART	-43.13	27.58	1.2
RE DI SCCART	-44.55	26.16	1.2
RE DI SCCART	-45.96	24.75	1.2
RE DI SCCART	-47.38	23.33	1.2
RE DI SCCART	-49.5	21.21	1.2
RE DI SCCART	-53.03	17.68	1.2
RE DI SCCART	-56.57	14.14	1.2
RE DI SCCART	-63.64	7.07	1.2
RE DI SCCART	-70.71	0.0	1.2
RE DI SCCART	-77.78	-7.07	1.2
RE DI SCCART	-84.85	-14.14	1.2
RE DI SCCART	-91.92	-21.21	1.2
RE DI SCCART	-98.99	-28.28	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART -106.07 -35.36 1.2

RE DI SCCART 42.43 98.99 1.2

RE DI SCCART 35.36 91.92 1.2

RE DI SCCART 28.28 84.85 1.2

RE DI SCCART 21.21 77.78 1.2

RE DI SCCART 14.14 70.71 1.2

RE DI SCCART 7.07 63.64 1.2

RE DI SCCART 0.0 56.57 1.2

RE DI SCCART -7.07 49.5 1.2

RE DI SCCART -10.61 45.96 1.2

RE DI SCCART -14.14 42.43 1.2

RE DI SCCART -16.26 40.31 1.2

RE DI SCCART -17.68 38.89 1.2

RE DI SCCART -19.09 37.48 1.2

RE DI SCCART -20.51 36.06 1.2

RE DI SCCART -21.92 34.65 1.2

RE DI SCCART -34.65 21.92 1.2

RE DI SCCART -36.06 20.51 1.2

RE DI SCCART -37.48 19.09 1.2

RE DI SCCART -38.89 17.68 1.2

RE DI SCCART -40.31 16.26 1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-42.43	14.14	1.2
RE DI SCCART	-45.96	10.61	1.2
RE DI SCCART	-49.5	7.07	1.2
RE DI SCCART	-56.57	0.0	1.2
RE DI SCCART	-63.64	-7.07	1.2
RE DI SCCART	-70.71	-14.14	1.2
RE DI SCCART	-77.78	-21.21	1.2
RE DI SCCART	-84.85	-28.28	1.2
RE DI SCCART	-91.92	-35.36	1.2
RE DI SCCART	-98.99	-42.43	1.2
RE DI SCCART	49.5	91.92	1.2
RE DI SCCART	42.43	84.85	1.2
RE DI SCCART	35.36	77.78	1.2
RE DI SCCART	28.28	70.71	1.2
RE DI SCCART	21.21	63.64	1.2
RE DI SCCART	14.14	56.57	1.2
RE DI SCCART	7.07	49.5	1.2
RE DI SCCART	0.0	42.43	1.2
RE DI SCCART	-3.54	38.89	1.2
RE DI SCCART	-7.07	35.36	1.2
RE DI SCCART	-9.19	33.23	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	42.43	70.71	1.2
RE DI SCCART	35.36	63.64	1.2
RE DI SCCART	28.28	56.57	1.2
RE DI SCCART	21.21	49.5	1.2
RE DI SCCART	14.14	42.43	1.2
RE DI SCCART	7.07	35.36	1.2
RE DI SCCART	3.54	31.82	1.2
RE DI SCCART	0.0	28.28	1.2
RE DI SCCART	-2.12	26.16	1.2
RE DI SCCART	-3.54	24.75	1.2
RE DI SCCART	-4.95	23.33	1.2
RE DI SCCART	-6.36	21.92	1.2
RE DI SCCART	-7.78	20.51	1.2
RE DI SCCART	-20.51	7.78	1.2
RE DI SCCART	-21.92	6.36	1.2
RE DI SCCART	-23.33	4.95	1.2
RE DI SCCART	-24.75	3.54	1.2
RE DI SCCART	-26.16	2.12	1.2
RE DI SCCART	-28.28	0.0	1.2
RE DI SCCART	-31.82	-3.54	1.2
RE DI SCCART	-35.36	-7.07	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-42.43	-14.14	1.2
RE DI SCCART	-49.5	-21.21	1.2
RE DI SCCART	-56.57	-28.28	1.2
RE DI SCCART	-63.64	-35.36	1.2
RE DI SCCART	-70.71	-42.43	1.2
RE DI SCCART	-77.78	-49.5	1.2
RE DI SCCART	-84.85	-56.57	1.2
RE DI SCCART	63.64	77.78	1.2
RE DI SCCART	56.57	70.71	1.2
RE DI SCCART	49.5	63.64	1.2
RE DI SCCART	42.43	56.57	1.2
RE DI SCCART	35.36	49.5	1.2
RE DI SCCART	28.28	42.43	1.2
RE DI SCCART	21.21	35.36	1.2
RE DI SCCART	14.14	28.28	1.2
RE DI SCCART	10.61	24.75	1.2
RE DI SCCART	7.07	21.21	1.2
RE DI SCCART	4.95	19.09	1.2
RE DI SCCART	3.54	17.68	1.2
RE DI SCCART	2.12	16.26	1.2
RE DI SCCART	0.71	14.85	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-0.71	13.44	1.2
RE DI SCCART	-13.44	0.71	1.2
RE DI SCCART	-14.85	-0.71	1.2
RE DI SCCART	-16.26	-2.12	1.2
RE DI SCCART	-17.68	-3.54	1.2
RE DI SCCART	-19.09	-4.95	1.2
RE DI SCCART	-21.21	-7.07	1.2
RE DI SCCART	-24.75	-10.61	1.2
RE DI SCCART	-28.28	-14.14	1.2
RE DI SCCART	-35.36	-21.21	1.2
RE DI SCCART	-42.43	-28.28	1.2
RE DI SCCART	-49.5	-35.36	1.2
RE DI SCCART	-56.57	-42.43	1.2
RE DI SCCART	-63.64	-49.5	1.2
RE DI SCCART	-70.71	-56.57	1.2
RE DI SCCART	-77.78	-63.64	1.2
RE DI SCCART	70.71	70.71	1.2
RE DI SCCART	63.64	63.64	1.2
RE DI SCCART	56.57	56.57	1.2
RE DI SCCART	49.5	49.5	1.2
RE DI SCCART	42.43	42.43	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	35.36	35.36	1.2
RE DI SCCART	28.28	28.28	1.2
RE DI SCCART	21.21	21.21	1.2
RE DI SCCART	17.68	17.68	1.2
RE DI SCCART	14.14	14.14	1.2
RE DI SCCART	12.02	12.02	1.2
RE DI SCCART	10.61	10.61	1.2
RE DI SCCART	9.19	9.19	1.2
RE DI SCCART	7.78	7.78	1.2
RE DI SCCART	6.36	6.36	1.2
RE DI SCCART	-6.36	-6.36	1.2
RE DI SCCART	-7.78	-7.78	1.2
RE DI SCCART	-9.19	-9.19	1.2
RE DI SCCART	-10.61	-10.61	1.2
RE DI SCCART	-12.02	-12.02	1.2
RE DI SCCART	-14.14	-14.14	1.2
RE DI SCCART	-17.68	-17.68	1.2
RE DI SCCART	-21.21	-21.21	1.2
RE DI SCCART	-28.28	-28.28	1.2
RE DI SCCART	-35.36	-35.36	1.2
RE DI SCCART	-42.43	-42.43	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-49.5	-49.5	1.2
RE DI SCCART	-56.57	-56.57	1.2
RE DI SCCART	-63.64	-63.64	1.2
RE DI SCCART	-70.71	-70.71	1.2
RE DI SCCART	77.78	63.64	1.2
RE DI SCCART	70.71	56.57	1.2
RE DI SCCART	63.64	49.5	1.2
RE DI SCCART	56.57	42.43	1.2
RE DI SCCART	49.5	35.36	1.2
RE DI SCCART	42.43	28.28	1.2
RE DI SCCART	35.36	21.21	1.2
RE DI SCCART	28.28	14.14	1.2
RE DI SCCART	24.75	10.61	1.2
RE DI SCCART	21.21	7.07	1.2
RE DI SCCART	19.09	4.95	1.2
RE DI SCCART	17.68	3.54	1.2
RE DI SCCART	16.26	2.12	1.2
RE DI SCCART	14.85	0.71	1.2
RE DI SCCART	13.44	-0.71	1.2
RE DI SCCART	0.71	-13.44	1.2
RE DI SCCART	-0.71	-14.85	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	-2.12	-16.26	1.2
RE DI SCCART	-3.54	-17.68	1.2
RE DI SCCART	-4.95	-19.09	1.2
RE DI SCCART	-7.07	-21.21	1.2
RE DI SCCART	-10.61	-24.75	1.2
RE DI SCCART	-14.14	-28.28	1.2
RE DI SCCART	-21.21	-35.36	1.2
RE DI SCCART	-28.28	-42.43	1.2
RE DI SCCART	-35.36	-49.5	1.2
RE DI SCCART	-42.43	-56.57	1.2
RE DI SCCART	-49.5	-63.64	1.2
RE DI SCCART	-56.57	-70.71	1.2
RE DI SCCART	-63.64	-77.78	1.2
RE DI SCCART	84.85	56.57	1.2
RE DI SCCART	77.78	49.5	1.2
RE DI SCCART	70.71	42.43	1.2
RE DI SCCART	63.64	35.36	1.2
RE DI SCCART	56.57	28.28	1.2
RE DI SCCART	49.5	21.21	1.2
RE DI SCCART	42.43	14.14	1.2
RE DI SCCART	35.36	7.07	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	31.82	3.54	1.2
RE DI SCCART	28.28	0.0	1.2
RE DI SCCART	26.16	-2.12	1.2
RE DI SCCART	24.75	-3.54	1.2
RE DI SCCART	23.33	-4.95	1.2
RE DI SCCART	21.92	-6.36	1.2
RE DI SCCART	20.51	-7.78	1.2
RE DI SCCART	7.78	-20.51	1.2
RE DI SCCART	6.36	-21.92	1.2
RE DI SCCART	4.95	-23.33	1.2
RE DI SCCART	3.54	-24.75	1.2
RE DI SCCART	2.12	-26.16	1.2
RE DI SCCART	0.0	-28.28	1.2
RE DI SCCART	-3.54	-31.82	1.2
RE DI SCCART	-7.07	-35.36	1.2
RE DI SCCART	-14.14	-42.43	1.2
RE DI SCCART	-21.21	-49.5	1.2
RE DI SCCART	-28.28	-56.57	1.2
RE DI SCCART	-35.36	-63.64	1.2
RE DI SCCART	-42.43	-70.71	1.2
RE DI SCCART	-49.5	-77.78	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART 7.07 -35.36 1.2  
RE DI SCCART 3.54 -38.89 1.2  
RE DI SCCART 0.0 -42.43 1.2  
RE DI SCCART -7.07 -49.5 1.2  
RE DI SCCART -14.14 -56.57 1.2  
RE DI SCCART -21.21 -63.64 1.2  
RE DI SCCART -28.28 -70.71 1.2  
RE DI SCCART -35.36 -77.78 1.2  
RE DI SCCART -42.43 -84.85 1.2  
RE DI SCCART -49.5 -91.92 1.2  
RE DI SCCART 98.99 42.43 1.2  
RE DI SCCART 91.92 35.36 1.2  
RE DI SCCART 84.85 28.28 1.2  
RE DI SCCART 77.78 21.21 1.2  
RE DI SCCART 70.71 14.14 1.2  
RE DI SCCART 63.64 7.07 1.2  
RE DI SCCART 56.57 0.0 1.2  
RE DI SCCART 49.5 -7.07 1.2  
RE DI SCCART 45.96 -10.61 1.2  
RE DI SCCART 42.43 -14.14 1.2  
RE DI SCCART 40.31 -16.26 1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE	DI	SCCART	38.89	-17.68	1.2
RE	DI	SCCART	37.48	-19.09	1.2
RE	DI	SCCART	36.06	-20.51	1.2
RE	DI	SCCART	34.65	-21.92	1.2
RE	DI	SCCART	21.92	-34.65	1.2
RE	DI	SCCART	20.51	-36.06	1.2
RE	DI	SCCART	19.09	-37.48	1.2
RE	DI	SCCART	17.68	-38.89	1.2
RE	DI	SCCART	16.26	-40.31	1.2
RE	DI	SCCART	14.14	-42.43	1.2
RE	DI	SCCART	10.61	-45.96	1.2
RE	DI	SCCART	7.07	-49.5	1.2
RE	DI	SCCART	0.0	-56.57	1.2
RE	DI	SCCART	-7.07	-63.64	1.2
RE	DI	SCCART	-14.14	-70.71	1.2
RE	DI	SCCART	-21.21	-77.78	1.2
RE	DI	SCCART	-28.28	-84.85	1.2
RE	DI	SCCART	-35.36	-91.92	1.2
RE	DI	SCCART	-42.43	-98.99	1.2
RE	DI	SCCART	106.07	35.36	1.2
RE	DI	SCCART	98.99	28.28	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	91.92	21.21	1.2
RE DI SCCART	84.85	14.14	1.2
RE DI SCCART	77.78	7.07	1.2
RE DI SCCART	70.71	0.0	1.2
RE DI SCCART	63.64	-7.07	1.2
RE DI SCCART	56.57	-14.14	1.2
RE DI SCCART	53.03	-17.68	1.2
RE DI SCCART	49.5	-21.21	1.2
RE DI SCCART	47.38	-23.33	1.2
RE DI SCCART	45.96	-24.75	1.2
RE DI SCCART	44.55	-26.16	1.2
RE DI SCCART	43.13	-27.58	1.2
RE DI SCCART	41.72	-28.99	1.2
RE DI SCCART	28.99	-41.72	1.2
RE DI SCCART	27.58	-43.13	1.2
RE DI SCCART	26.16	-44.55	1.2
RE DI SCCART	24.75	-45.96	1.2
RE DI SCCART	23.33	-47.38	1.2
RE DI SCCART	21.21	-49.5	1.2
RE DI SCCART	17.68	-53.03	1.2
RE DI SCCART	14.14	-56.57	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE	DI	SCCART	84.85	-14.14	1.2
RE	DI	SCCART	77.78	-21.21	1.2
RE	DI	SCCART	70.71	-28.28	1.2
RE	DI	SCCART	67.18	-31.82	1.2
RE	DI	SCCART	63.64	-35.36	1.2
RE	DI	SCCART	61.52	-37.48	1.2
RE	DI	SCCART	60.1	-38.89	1.2
RE	DI	SCCART	58.69	-40.31	1.2
RE	DI	SCCART	57.28	-41.72	1.2
RE	DI	SCCART	55.86	-43.13	1.2
RE	DI	SCCART	43.13	-55.86	1.2
RE	DI	SCCART	41.72	-57.28	1.2
RE	DI	SCCART	40.31	-58.69	1.2
RE	DI	SCCART	38.89	-60.1	1.2
RE	DI	SCCART	37.48	-61.52	1.2
RE	DI	SCCART	35.36	-63.64	1.2
RE	DI	SCCART	31.82	-67.18	1.2
RE	DI	SCCART	28.28	-70.71	1.2
RE	DI	SCCART	21.21	-77.78	1.2
RE	DI	SCCART	14.14	-84.85	1.2
RE	DI	SCCART	7.07	-91.92	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART 0.0 -98.99 1.2

RE DI SCCART -7.07 -106.07 1.2

RE DI SCCART -14.14 -113.14 1.2

RE DI SCCART -21.21 -120.21 1.2

RE DI SCCART 127.28 14.14 1.2

RE DI SCCART 120.21 7.07 1.2

RE DI SCCART 113.14 0.0 1.2

RE DI SCCART 106.07 -7.07 1.2

RE DI SCCART 98.99 -14.14 1.2

RE DI SCCART 91.92 -21.21 1.2

RE DI SCCART 84.85 -28.28 1.2

RE DI SCCART 77.78 -35.36 1.2

RE DI SCCART 74.25 -38.89 1.2

RE DI SCCART 70.71 -42.43 1.2

RE DI SCCART 68.59 -44.55 1.2

RE DI SCCART 67.18 -45.96 1.2

RE DI SCCART 65.76 -47.38 1.2

RE DI SCCART 64.35 -48.79 1.2

RE DI SCCART 62.93 -50.2 1.2

RE DI SCCART 50.2 -62.93 1.2

RE DI SCCART 48.79 -64.35 1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	47.38	-65.76	1.2
RE DI SCCART	45.96	-67.18	1.2
RE DI SCCART	44.55	-68.59	1.2
RE DI SCCART	42.43	-70.71	1.2
RE DI SCCART	38.89	-74.25	1.2
RE DI SCCART	35.36	-77.78	1.2
RE DI SCCART	28.28	-84.85	1.2
RE DI SCCART	21.21	-91.92	1.2
RE DI SCCART	14.14	-98.99	1.2
RE DI SCCART	7.07	-106.07	1.2
RE DI SCCART	0.0	-113.14	1.2
RE DI SCCART	-7.07	-120.21	1.2
RE DI SCCART	-14.14	-127.28	1.2
RE DI SCCART	134.35	7.07	1.2
RE DI SCCART	127.28	0.0	1.2
RE DI SCCART	120.21	-7.07	1.2
RE DI SCCART	113.14	-14.14	1.2
RE DI SCCART	106.07	-21.21	1.2
RE DI SCCART	98.99	-28.28	1.2
RE DI SCCART	91.92	-35.36	1.2
RE DI SCCART	84.85	-42.43	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	56.57	-84.85	1.2
RE DI SCCART	53.03	-88.39	1.2
RE DI SCCART	49.5	-91.92	1.2
RE DI SCCART	42.43	-98.99	1.2
RE DI SCCART	35.36	-106.07	1.2
RE DI SCCART	28.28	-113.14	1.2
RE DI SCCART	21.21	-120.21	1.2
RE DI SCCART	14.14	-127.28	1.2
RE DI SCCART	7.07	-134.35	1.2
RE DI SCCART	0.0	-141.42	1.2
RE DI SCCART	148.49	-7.07	1.2
RE DI SCCART	141.42	-14.14	1.2
RE DI SCCART	134.35	-21.21	1.2
RE DI SCCART	127.28	-28.28	1.2
RE DI SCCART	120.21	-35.36	1.2
RE DI SCCART	113.14	-42.43	1.2
RE DI SCCART	106.07	-49.5	1.2
RE DI SCCART	98.99	-56.57	1.2
RE DI SCCART	95.46	-60.1	1.2
RE DI SCCART	91.92	-63.64	1.2
RE DI SCCART	89.8	-65.76	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	88.39	-67.18	1.2
RE DI SCCART	86.97	-68.59	1.2
RE DI SCCART	85.56	-70.0	1.2
RE DI SCCART	84.15	-71.42	1.2
RE DI SCCART	71.42	-84.15	1.2
RE DI SCCART	70.0	-85.56	1.2
RE DI SCCART	68.59	-86.97	1.2
RE DI SCCART	67.18	-88.39	1.2
RE DI SCCART	65.76	-89.8	1.2
RE DI SCCART	63.64	-91.92	1.2
RE DI SCCART	60.1	-95.46	1.2
RE DI SCCART	56.57	-98.99	1.2
RE DI SCCART	49.5	-106.07	1.2
RE DI SCCART	42.43	-113.14	1.2
RE DI SCCART	35.36	-120.21	1.2
RE DI SCCART	28.28	-127.28	1.2
RE DI SCCART	21.21	-134.35	1.2
RE DI SCCART	14.14	-141.42	1.2
RE DI SCCART	7.07	-148.49	1.2
RE DI SCCART	155.56	-14.14	1.2
RE DI SCCART	148.49	-21.21	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	141.42	-28.28	1.2
RE DI SCCART	134.35	-35.36	1.2
RE DI SCCART	127.28	-42.43	1.2
RE DI SCCART	120.21	-49.5	1.2
RE DI SCCART	113.14	-56.57	1.2
RE DI SCCART	106.07	-63.64	1.2
RE DI SCCART	102.53	-67.18	1.2
RE DI SCCART	98.99	-70.71	1.2
RE DI SCCART	96.87	-72.83	1.2
RE DI SCCART	95.46	-74.25	1.2
RE DI SCCART	94.05	-75.66	1.2
RE DI SCCART	92.63	-77.07	1.2
RE DI SCCART	91.22	-78.49	1.2
RE DI SCCART	78.49	-91.22	1.2
RE DI SCCART	77.07	-92.63	1.2
RE DI SCCART	75.66	-94.05	1.2
RE DI SCCART	74.25	-95.46	1.2
RE DI SCCART	72.83	-96.87	1.2
RE DI SCCART	70.71	-98.99	1.2
RE DI SCCART	67.18	-102.53	1.2
RE DI SCCART	63.64	-106.07	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	134.35	-63.64	1.2
RE DI SCCART	127.28	-70.71	1.2
RE DI SCCART	120.21	-77.78	1.2
RE DI SCCART	116.67	-81.32	1.2
RE DI SCCART	113.14	-84.85	1.2
RE DI SCCART	111.02	-86.97	1.2
RE DI SCCART	109.6	-88.39	1.2
RE DI SCCART	108.19	-89.8	1.2
RE DI SCCART	106.77	-91.22	1.2
RE DI SCCART	105.36	-92.63	1.2
RE DI SCCART	92.63	-105.36	1.2
RE DI SCCART	91.22	-106.77	1.2
RE DI SCCART	89.8	-108.19	1.2
RE DI SCCART	88.39	-109.6	1.2
RE DI SCCART	86.97	-111.02	1.2
RE DI SCCART	84.85	-113.14	1.2
RE DI SCCART	81.32	-116.67	1.2
RE DI SCCART	77.78	-120.21	1.2
RE DI SCCART	70.71	-127.28	1.2
RE DI SCCART	63.64	-134.35	1.2
RE DI SCCART	56.57	-141.42	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	49.5	-148.49	1.2
RE DI SCCART	42.43	-155.56	1.2
RE DI SCCART	35.36	-162.63	1.2
RE DI SCCART	28.28	-169.71	1.2
RE DI SCCART	176.78	-35.36	1.2
RE DI SCCART	169.71	-42.43	1.2
RE DI SCCART	162.63	-49.5	1.2
RE DI SCCART	155.56	-56.57	1.2
RE DI SCCART	148.49	-63.64	1.2
RE DI SCCART	141.42	-70.71	1.2
RE DI SCCART	134.35	-77.78	1.2
RE DI SCCART	127.28	-84.85	1.2
RE DI SCCART	123.74	-88.39	1.2
RE DI SCCART	120.21	-91.92	1.2
RE DI SCCART	118.09	-94.05	1.2
RE DI SCCART	116.67	-95.46	1.2
RE DI SCCART	115.26	-96.87	1.2
RE DI SCCART	113.84	-98.29	1.2
RE DI SCCART	112.43	-99.7	1.2
RE DI SCCART	99.7	-112.43	1.2
RE DI SCCART	98.29	-113.84	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE	DI	SCCART	96.87	-115.26	1.2
RE	DI	SCCART	95.46	-116.67	1.2
RE	DI	SCCART	94.05	-118.09	1.2
RE	DI	SCCART	91.92	-120.21	1.2
RE	DI	SCCART	88.39	-123.74	1.2
RE	DI	SCCART	84.85	-127.28	1.2
RE	DI	SCCART	77.78	-134.35	1.2
RE	DI	SCCART	70.71	-141.42	1.2
RE	DI	SCCART	63.64	-148.49	1.2
RE	DI	SCCART	56.57	-155.56	1.2
RE	DI	SCCART	49.5	-162.63	1.2
RE	DI	SCCART	42.43	-169.71	1.2
RE	DI	SCCART	35.36	-176.78	1.2
RE	DI	SCCART	183.85	-42.43	1.2
RE	DI	SCCART	176.78	-49.5	1.2
RE	DI	SCCART	169.71	-56.57	1.2
RE	DI	SCCART	162.63	-63.64	1.2
RE	DI	SCCART	155.56	-70.71	1.2
RE	DI	SCCART	148.49	-77.78	1.2
RE	DI	SCCART	141.42	-84.85	1.2
RE	DI	SCCART	134.35	-91.92	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	42.43	-183.85	1.2
RE DI SCCART	190.92	-49.5	1.2
RE DI SCCART	183.85	-56.57	1.2
RE DI SCCART	176.78	-63.64	1.2
RE DI SCCART	169.71	-70.71	1.2
RE DI SCCART	162.63	-77.78	1.2
RE DI SCCART	155.56	-84.85	1.2
RE DI SCCART	148.49	-91.92	1.2
RE DI SCCART	141.42	-98.99	1.2
RE DI SCCART	137.89	-102.53	1.2
RE DI SCCART	134.35	-106.07	1.2
RE DI SCCART	132.23	-108.19	1.2
RE DI SCCART	130.81	-109.6	1.2
RE DI SCCART	129.4	-111.02	1.2
RE DI SCCART	127.99	-112.43	1.2
RE DI SCCART	126.57	-113.84	1.2
RE DI SCCART	113.84	-126.57	1.2
RE DI SCCART	112.43	-127.99	1.2
RE DI SCCART	111.02	-129.4	1.2
RE DI SCCART	109.6	-130.81	1.2
RE DI SCCART	108.19	-132.23	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	106.07	-134.35	1.2
RE DI SCCART	102.53	-137.89	1.2
RE DI SCCART	98.99	-141.42	1.2
RE DI SCCART	91.92	-148.49	1.2
RE DI SCCART	84.85	-155.56	1.2
RE DI SCCART	77.78	-162.63	1.2
RE DI SCCART	70.71	-169.71	1.2
RE DI SCCART	63.64	-176.78	1.2
RE DI SCCART	56.57	-183.85	1.2
RE DI SCCART	49.5	-190.92	1.2
RE DI SCCART	197.99	-56.57	1.2
RE DI SCCART	190.92	-63.64	1.2
RE DI SCCART	183.85	-70.71	1.2
RE DI SCCART	176.78	-77.78	1.2
RE DI SCCART	169.71	-84.85	1.2
RE DI SCCART	162.63	-91.92	1.2
RE DI SCCART	155.56	-98.99	1.2
RE DI SCCART	148.49	-106.07	1.2
RE DI SCCART	144.96	-109.6	1.2
RE DI SCCART	141.42	-113.14	1.2
RE DI SCCART	139.3	-115.26	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	137.89	-116.67	1.2
RE DI SCCART	136.47	-118.09	1.2
RE DI SCCART	135.06	-119.5	1.2
RE DI SCCART	133.64	-120.92	1.2
RE DI SCCART	120.92	-133.64	1.2
RE DI SCCART	119.5	-135.06	1.2
RE DI SCCART	118.09	-136.47	1.2
RE DI SCCART	116.67	-137.89	1.2
RE DI SCCART	115.26	-139.3	1.2
RE DI SCCART	113.14	-141.42	1.2
RE DI SCCART	109.6	-144.96	1.2
RE DI SCCART	106.07	-148.49	1.2
RE DI SCCART	98.99	-155.56	1.2
RE DI SCCART	91.92	-162.63	1.2
RE DI SCCART	84.85	-169.71	1.2
RE DI SCCART	77.78	-176.78	1.2
RE DI SCCART	70.71	-183.85	1.2
RE DI SCCART	63.64	-190.92	1.2
RE DI SCCART	56.57	-197.99	1.2
RE DI SCCART	205.06	-63.64	1.2
RE DI SCCART	197.99	-70.71	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	190.92	-77.78	1.2
RE DI SCCART	183.85	-84.85	1.2
RE DI SCCART	176.78	-91.92	1.2
RE DI SCCART	169.71	-98.99	1.2
RE DI SCCART	162.63	-106.07	1.2
RE DI SCCART	155.56	-113.14	1.2
RE DI SCCART	152.03	-116.67	1.2
RE DI SCCART	148.49	-120.21	1.2
RE DI SCCART	146.37	-122.33	1.2
RE DI SCCART	144.96	-123.74	1.2
RE DI SCCART	143.54	-125.16	1.2
RE DI SCCART	142.13	-126.57	1.2
RE DI SCCART	140.71	-127.99	1.2
RE DI SCCART	127.99	-140.71	1.2
RE DI SCCART	126.57	-142.13	1.2
RE DI SCCART	125.16	-143.54	1.2
RE DI SCCART	123.74	-144.96	1.2
RE DI SCCART	122.33	-146.37	1.2
RE DI SCCART	120.21	-148.49	1.2
RE DI SCCART	116.67	-152.03	1.2
RE DI SCCART	113.14	-155.56	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE	DI	SCCART	106.07	-162.63	1.2
RE	DI	SCCART	98.99	-169.71	1.2
RE	DI	SCCART	91.92	-176.78	1.2
RE	DI	SCCART	84.85	-183.85	1.2
RE	DI	SCCART	77.78	-190.92	1.2
RE	DI	SCCART	70.71	-197.99	1.2
RE	DI	SCCART	63.64	-205.06	1.2
RE	DI	SCCART	212.13	-70.71	1.2
RE	DI	SCCART	205.06	-77.78	1.2
RE	DI	SCCART	197.99	-84.85	1.2
RE	DI	SCCART	190.92	-91.92	1.2
RE	DI	SCCART	183.85	-98.99	1.2
RE	DI	SCCART	176.78	-106.07	1.2
RE	DI	SCCART	169.71	-113.14	1.2
RE	DI	SCCART	162.63	-120.21	1.2
RE	DI	SCCART	159.1	-123.74	1.2
RE	DI	SCCART	155.56	-127.28	1.2
RE	DI	SCCART	153.44	-129.4	1.2
RE	DI	SCCART	152.03	-130.81	1.2
RE	DI	SCCART	150.61	-132.23	1.2
RE	DI	SCCART	149.2	-133.64	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	147.79	-135.06	1.2
RE DI SCCART	135.06	-147.79	1.2
RE DI SCCART	133.64	-149.2	1.2
RE DI SCCART	132.23	-150.61	1.2
RE DI SCCART	130.81	-152.03	1.2
RE DI SCCART	129.4	-153.44	1.2
RE DI SCCART	127.28	-155.56	1.2
RE DI SCCART	123.74	-159.1	1.2
RE DI SCCART	120.21	-162.63	1.2
RE DI SCCART	113.14	-169.71	1.2
RE DI SCCART	106.07	-176.78	1.2
RE DI SCCART	98.99	-183.85	1.2
RE DI SCCART	91.92	-190.92	1.2
RE DI SCCART	84.85	-197.99	1.2
RE DI SCCART	77.78	-205.06	1.2
RE DI SCCART	70.71	-212.13	1.2
RE DI SCCART	219.2	-77.78	1.2
RE DI SCCART	212.13	-84.85	1.2
RE DI SCCART	205.06	-91.92	1.2
RE DI SCCART	197.99	-98.99	1.2
RE DI SCCART	190.92	-106.07	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	183.85	-113.14	1.2
RE DI SCCART	176.78	-120.21	1.2
RE DI SCCART	169.71	-127.28	1.2
RE DI SCCART	166.17	-130.81	1.2
RE DI SCCART	162.63	-134.35	1.2
RE DI SCCART	160.51	-136.47	1.2
RE DI SCCART	159.1	-137.89	1.2
RE DI SCCART	157.68	-139.3	1.2
RE DI SCCART	156.27	-140.71	1.2
RE DI SCCART	154.86	-142.13	1.2
RE DI SCCART	142.13	-154.86	1.2
RE DI SCCART	140.71	-156.27	1.2
RE DI SCCART	139.3	-157.68	1.2
RE DI SCCART	137.89	-159.1	1.2
RE DI SCCART	136.47	-160.51	1.2
RE DI SCCART	134.35	-162.63	1.2
RE DI SCCART	130.81	-166.17	1.2
RE DI SCCART	127.28	-169.71	1.2
RE DI SCCART	120.21	-176.78	1.2
RE DI SCCART	113.14	-183.85	1.2
RE DI SCCART	106.07	-190.92	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	146.37	-164.76	1.2
RE DI SCCART	144.96	-166.17	1.2
RE DI SCCART	143.54	-167.58	1.2
RE DI SCCART	141.42	-169.71	1.2
RE DI SCCART	137.89	-173.24	1.2
RE DI SCCART	134.35	-176.78	1.2
RE DI SCCART	127.28	-183.85	1.2
RE DI SCCART	120.21	-190.92	1.2
RE DI SCCART	113.14	-197.99	1.2
RE DI SCCART	106.07	-205.06	1.2
RE DI SCCART	98.99	-212.13	1.2
RE DI SCCART	91.92	-219.2	1.2
RE DI SCCART	84.85	-226.27	1.2
RE DI SCCART	233.35	-91.92	1.2
RE DI SCCART	226.27	-98.99	1.2
RE DI SCCART	219.2	-106.07	1.2
RE DI SCCART	212.13	-113.14	1.2
RE DI SCCART	205.06	-120.21	1.2
RE DI SCCART	197.99	-127.28	1.2
RE DI SCCART	190.92	-134.35	1.2
RE DI SCCART	183.85	-141.42	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	180.31	-144.96	1.2
RE DI SCCART	176.78	-148.49	1.2
RE DI SCCART	174.66	-150.61	1.2
RE DI SCCART	173.24	-152.03	1.2
RE DI SCCART	171.83	-153.44	1.2
RE DI SCCART	170.41	-154.86	1.2
RE DI SCCART	169.0	-156.27	1.2
RE DI SCCART	156.27	-169.0	1.2
RE DI SCCART	154.86	-170.41	1.2
RE DI SCCART	153.44	-171.83	1.2
RE DI SCCART	152.03	-173.24	1.2
RE DI SCCART	150.61	-174.66	1.2
RE DI SCCART	148.49	-176.78	1.2
RE DI SCCART	144.96	-180.31	1.2
RE DI SCCART	141.42	-183.85	1.2
RE DI SCCART	134.35	-190.92	1.2
RE DI SCCART	127.28	-197.99	1.2
RE DI SCCART	120.21	-205.06	1.2
RE DI SCCART	113.14	-212.13	1.2
RE DI SCCART	106.07	-219.2	1.2
RE DI SCCART	98.99	-226.27	1.2

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	91.92	-233.35	1.2
RE DI SCCART	240.42	-98.99	1.2
RE DI SCCART	233.35	-106.07	1.2
RE DI SCCART	226.27	-113.14	1.2
RE DI SCCART	219.2	-120.21	1.2
RE DI SCCART	212.13	-127.28	1.2
RE DI SCCART	205.06	-134.35	1.2
RE DI SCCART	197.99	-141.42	1.2
RE DI SCCART	190.92	-148.49	1.2
RE DI SCCART	187.38	-152.03	1.2
RE DI SCCART	183.85	-155.56	1.2
RE DI SCCART	181.73	-157.68	1.2
RE DI SCCART	180.31	-159.1	1.2
RE DI SCCART	178.9	-160.51	1.2
RE DI SCCART	177.48	-161.93	1.2
RE DI SCCART	176.07	-163.34	1.2
RE DI SCCART	163.34	-176.07	1.2
RE DI SCCART	161.93	-177.48	1.2
RE DI SCCART	160.51	-178.9	1.2
RE DI SCCART	159.1	-180.31	1.2
RE DI SCCART	157.68	-181.73	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

RE DI SCCART	155.56	-183.85	1.2
RE DI SCCART	152.03	-187.38	1.2
RE DI SCCART	148.49	-190.92	1.2
RE DI SCCART	141.42	-197.99	1.2
RE DI SCCART	134.35	-205.06	1.2
RE DI SCCART	127.28	-212.13	1.2
RE DI SCCART	120.21	-219.2	1.2
RE DI SCCART	113.14	-226.27	1.2
RE DI SCCART	106.07	-233.35	1.2
RE DI SCCART	98.99	-240.42	1.2
RE DI SCCART	247.49	-106.07	1.2
RE DI SCCART	240.42	-113.14	1.2
RE DI SCCART	233.35	-120.21	1.2
RE DI SCCART	226.27	-127.28	1.2
RE DI SCCART	219.2	-134.35	1.2
RE DI SCCART	212.13	-141.42	1.2
RE DI SCCART	205.06	-148.49	1.2
RE DI SCCART	197.99	-155.56	1.2
RE DI SCCART	194.45	-159.1	1.2
RE DI SCCART	190.92	-162.63	1.2
RE DI SCCART	188.8	-164.76	1.2

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\Acrolein Risk\Traveling Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_1-Hr\_SE-NW Bound\_Corrected.LST"

\*\* RAWFILE "C:\NCRA\Modeling\Acrolein Risk\Traveling Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_1-Hr\_SE-NW Bound\_Corrected.RAW"

\*\* RAWFMT 2

\*\* AMPDATUM 0

\*\* HILLBOUN 0 0 0 0

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

Direction

\*\*MODELOPTs:

PAGE 1

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR

\*\*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 Highest Short Term Values by Receptor (RECTABLE Keyword)

\*\*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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*Approximate Storage Requirements of Model = 1.4 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\ACROLEIN RISK\TRAVELING  
 TRAINS\SANTA ROSA\13NCRA\_SR03-300\_ACROL  
 \*\*Output Print File: C:\NCRA\MODELING\ACROLEIN RISK\TRAVELING  
 TRAINS\SANTA ROSA\13NCRA\_SR03-300\_ACROL  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

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

Y-DIM	ORIENT.	NUMBER	EMISSION	COORD	(SW CORNER)	BASE	RELEASE	X-DIM
AREA	OF AREA	SOURCE	INIT.	EMISSION		ELEV.	HEIGHT	OF AREA
ID	(DEG.)	PART.	(GRAMS/SEC	RATE	X	(METERS)	(METERS)	OF
(METERS)		SZ	/METER**2)	SCALAR	Y	(METERS)	(METERS)	(METERS)
		(METERS)	BY	VARY	(METERS)	(METERS)	(METERS)	(METERS)

90.00	135.00	NCRA_S1	0	0.21100E-10	98.6	-92.3	0.0	4.95	9.00
90.00	135.00	NCRA_S2	0	0.21100E-10	35.0	-28.6	0.0	4.95	9.00
90.00	135.00	NCRA_S3	0	0.21100E-10	-28.6	35.0	0.0	4.95	9.00
90.00	135.00	NCRA_S4	0	0.21100E-10	-92.3	98.6	0.0	4.95	9.00
90.00	135.00	NCRA_S5	0	0.21100E-10	-155.9	162.3	0.0	4.95	9.00

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*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 ,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

CONC

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

( -106.1,	247.5,	0.0,	1.2);	( -113.1,	240.4,
0.0,	1.2);			( -127.3,	226.3,
( -120.2,	233.4,	0.0,	1.2);	( -141.4,	212.1,
0.0,	1.2);			( -155.6,	198.0,
( -134.4,	219.2,	0.0,	1.2);	( -162.6,	190.9,
0.0,	1.2);			( -166.2,	187.4,
( -148.5,	205.1,	0.0,	1.2);	( -169.0,	184.6,
0.0,	1.2);			( -183.1,	170.4,
( -159.1,	194.4,	0.0,	1.2);	( -186.0,	167.6,
0.0,	1.2);			( -188.8,	164.8,
( -164.8,	188.8,	0.0,	1.2);	( -194.4,	159.1,
0.0,	1.2);			( -205.1,	148.5,
( -167.6,	186.0,	0.0,	1.2);	( -219.2,	134.4,
0.0,	1.2);			( -233.4,	120.2,
( -170.4,	183.1,	0.0,	1.2);	( -247.5,	106.1,
0.0,	1.2);			( -106.1,	233.4,
( -184.6,	169.0,	0.0,	1.2);	( -120.2,	219.2,
0.0,	1.2);			( -134.4,	205.1,
( -187.4,	166.2,	0.0,	1.2);	( -148.5,	190.9,
0.0,	1.2);			( -155.6,	183.9,
( -190.9,	162.6,	0.0,	1.2);		
0.0,	1.2);				
( -198.0,	155.6,	0.0,	1.2);		
0.0,	1.2);				
( -212.1,	141.4,	0.0,	1.2);		
0.0,	1.2);				
( -226.3,	127.3,	0.0,	1.2);		
0.0,	1.2);				
( -240.4,	113.1,	0.0,	1.2);		
0.0,	1.2);				
( -99.0,	240.4,	0.0,	1.2);		
0.0,	1.2);				
( -113.1,	226.3,	0.0,	1.2);		
0.0,	1.2);				
( -127.3,	212.1,	0.0,	1.2);		
0.0,	1.2);				
( -141.4,	198.0,	0.0,	1.2);		
0.0,	1.2);				
( -152.0,	187.4,	0.0,	1.2);		
0.0,	1.2);				

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 14: 51: 37

CONC PAGE 5  
 URBAN FLAT FLGPOL DFAULT

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

(	-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);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

(	-63.6,	205.1,	0.0,	1.2);	(	-70.7,	198.0,
0.0,	1.2);						
(	-77.8,	190.9,	0.0,	1.2);	(	-84.8,	183.9,
0.0,	1.2);						
(	-91.9,	176.8,	0.0,	1.2);	(	-99.0,	169.7,
0.0,	1.2);						
(	-106.1,	162.6,	0.0,	1.2);	(	-113.1,	155.6,
0.0,	1.2);						
(	-116.7,	152.0,	0.0,	1.2);	(	-120.2,	148.5,
0.0,	1.2);						
(	-122.3,	146.4,	0.0,	1.2);	(	-123.7,	145.0,
0.0,	1.2);						
(	-125.2,	143.5,	0.0,	1.2);	(	-126.6,	142.1,
0.0,	1.2);						
(	-128.0,	140.7,	0.0,	1.2);	(	-140.7,	128.0,
0.0,	1.2);						
(	-142.1,	126.6,	0.0,	1.2);	(	-143.5,	125.2,
0.0,	1.2);						
(	-145.0,	123.7,	0.0,	1.2);	(	-146.4,	122.3,
0.0,	1.2);						
(	-148.5,	120.2,	0.0,	1.2);	(	-152.0,	116.7,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0,	1.2);						
(	-155.6,	113.1,	0.0,	1.2);	(	-162.6,	106.1,
0.0,	1.2);						
(	-169.7,	99.0,	0.0,	1.2);	(	-176.8,	91.9,
0.0,	1.2);						
(	-183.9,	84.8,	0.0,	1.2);	(	-190.9,	77.8,
0.0,	1.2);						
(	-198.0,	70.7,	0.0,	1.2);	(	-205.1,	63.6,
0.0,	1.2);						
(	-56.6,	198.0,	0.0,	1.2);	(	-63.6,	190.9,
0.0,	1.2);						
(	-70.7,	183.9,	0.0,	1.2);	(	-77.8,	176.8,
0.0,	1.2);						
(	-84.8,	169.7,	0.0,	1.2);	(	-91.9,	162.6,
0.0,	1.2);						
(	-99.0,	155.6,	0.0,	1.2);	(	-106.1,	148.5,
0.0,	1.2);						
(	-109.6,	145.0,	0.0,	1.2);	(	-113.1,	141.4,
0.0,	1.2);						
(	-115.3,	139.3,	0.0,	1.2);	(	-116.7,	137.9,
0.0,	1.2);						
(	-118.1,	136.5,	0.0,	1.2);	(	-119.5,	135.1,
0.0,	1.2);						
(	-120.9,	133.6,	0.0,	1.2);	(	-133.6,	120.9,
0.0,	1.2);						
(	-135.1,	119.5,	0.0,	1.2);	(	-136.5,	118.1,
0.0,	1.2);						
(	-137.9,	116.7,	0.0,	1.2);	(	-139.3,	115.3,
0.0,	1.2);						
(	-141.4,	113.1,	0.0,	1.2);	(	-145.0,	109.6,
0.0,	1.2);						
(	-148.5,	106.1,	0.0,	1.2);	(	-155.6,	99.0,
0.0,	1.2);						
(	-162.6,	91.9,	0.0,	1.2);	(	-169.7,	84.8,
0.0,	1.2);						
(	-176.8,	77.8,	0.0,	1.2);	(	-183.9,	70.7,
0.0,	1.2);						
(	-190.9,	63.6,	0.0,	1.2);	(	-198.0,	56.6,
0.0,	1.2);						
(	-49.5,	190.9,	0.0,	1.2);	(	-56.6,	183.9,
0.0,	1.2);						
(	-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);						

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

( -155.6, 84.8, 0.0, 1.2); ( -162.6, 77.8,  
 0.0, 1.2);  
 ( -169.7, 70.7, 0.0, 1.2); ( -176.8, 63.6,  
 0.0, 1.2);  
 ( -183.9, 56.6, 0.0, 1.2); ( -190.9, 49.5,  
 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Di recti on  
 \*\*MODELOPTs:

CONC PAGE 7  
 URBAN FLAT FLGPOL DFAULT

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

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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);					
(	-28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,
0.0,	1.2);					
(	-42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,
0.0,	1.2);					
(	-56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,
0.0,	1.2);					
(	-70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,
0.0,	1.2);					
(	-81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,
0.0,	1.2);					
(	-87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,
0.0,	1.2);					
(	-89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,
0.0,	1.2);					
(	-92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,
0.0,	1.2);					
(	-106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,
0.0,	1.2);					
(	-109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,
0.0,	1.2);					
(	-113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,
0.0,	1.2);					
(	-120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,
0.0,	1.2);					
(	-134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,
0.0,	1.2);					
(	-148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,
0.0,	1.2);					
(	-162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,
0.0,	1.2);					

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 8  
 CONC URBAN FLAT FLGPOL DFAULT

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

(	-21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,
0.0,	1.2);					

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0,	(	0.0,	141.4,	0.0,	1.2);	(	-7.1,	134.4,
0.0,	(	-14.1,	127.3,	0.0,	1.2);	(	-21.2,	120.2,
0.0,	(	-28.3,	113.1,	0.0,	1.2);	(	-35.4,	106.1,
0.0,	(	-42.4,	99.0,	0.0,	1.2);	(	-49.5,	91.9,
0.0,	(	-53.0,	88.4,	0.0,	1.2);	(	-56.6,	84.8,
0.0,	(	-58.7,	82.7,	0.0,	1.2);	(	-60.1,	81.3,
0.0,	(	-61.5,	79.9,	0.0,	1.2);	(	-62.9,	78.5,
0.0,	(	-64.3,	77.1,	0.0,	1.2);	(	-77.1,	64.3,
0.0,	(	-78.5,	62.9,	0.0,	1.2);	(	-79.9,	61.5,
0.0,	(	-81.3,	60.1,	0.0,	1.2);	(	-82.7,	58.7,
0.0,	(	-84.8,	56.6,	0.0,	1.2);	(	-88.4,	53.0,
0.0,	(	-91.9,	49.5,	0.0,	1.2);	(	-99.0,	42.4,
0.0,	(	-99.0,	56.6,	0.0,	1.2);	(	-106.1,	49.5,
0.0,	(	-113.1,	42.4,	0.0,	1.2);	(	-120.2,	35.4,
0.0,	(	-127.3,	28.3,	0.0,	1.2);	(	-134.4,	21.2,
0.0,	(	-141.4,	14.1,	0.0,	1.2);	(	-148.5,	7.1,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Direction  
 \*\*MODELOPTs:

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

0.0,	(	0.0,	141.4,	0.0,	1.2);	(	-7.1,	134.4,
0.0,	(	-14.1,	127.3,	0.0,	1.2);	(	-21.2,	120.2,
0.0,	(	-28.3,	113.1,	0.0,	1.2);	(	-35.4,	106.1,
0.0,	(	-42.4,	99.0,	0.0,	1.2);	(	-49.5,	91.9,
0.0,	(	-53.0,	88.4,	0.0,	1.2);	(	-56.6,	84.8,
0.0,	(	-58.7,	82.7,	0.0,	1.2);	(	-60.1,	81.3,
0.0,	(	-61.5,	79.9,	0.0,	1.2);	(	-62.9,	78.5,
0.0,	(	-64.3,	77.1,	0.0,	1.2);	(	-77.1,	64.3,
0.0,	(	-78.5,	62.9,	0.0,	1.2);	(	-79.9,	61.5,
0.0,	(	-81.3,	60.1,	0.0,	1.2);	(	-82.7,	58.7,
0.0,	(	-84.8,	56.6,	0.0,	1.2);	(	-88.4,	53.0,
0.0,	(	-91.9,	49.5,	0.0,	1.2);	(	-99.0,	42.4,

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0, 1.2); ( -120.2, -7.1, 0.0, 1.2); ( -127.3, -14.1,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

PAGE 10  
CONC URBAN FLAT FLGPOL DFAULT

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

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

(	-50.2,	34.7,	0.0,	1.2);	(	-51.6,	33.2,
0.0,	1.2);						
(	-53.0,	31.8,	0.0,	1.2);	(	-54.5,	30.4,
0.0,	1.2);						
(	-56.6,	28.3,	0.0,	1.2);	(	-60.1,	24.8,
0.0,	1.2);						
(	-63.6,	21.2,	0.0,	1.2);	(	-70.7,	14.1,
0.0,	1.2);						
(	-77.8,	7.1,	0.0,	1.2);	(	-84.8,	0.0,
0.0,	1.2);						
(	-91.9,	-7.1,	0.0,	1.2);	(	-99.0,	-14.1,
0.0,	1.2);						
(	-106.1,	-21.2,	0.0,	1.2);	(	-113.1,	-28.3,
0.0,	1.2);						
(	35.4,	106.1,	0.0,	1.2);	(	28.3,	99.0,
0.0,	1.2);						
(	21.2,	91.9,	0.0,	1.2);	(	14.1,	84.8,
0.0,	1.2);						
(	7.1,	77.8,	0.0,	1.2);	(	0.0,	70.7,
0.0,	1.2);						
(	-7.1,	63.6,	0.0,	1.2);	(	-14.1,	56.6,
0.0,	1.2);						
(	-17.7,	53.0,	0.0,	1.2);	(	-21.2,	49.5,
0.0,	1.2);						
(	-23.3,	47.4,	0.0,	1.2);	(	-24.8,	46.0,
0.0,	1.2);						
(	-26.2,	44.5,	0.0,	1.2);	(	-27.6,	43.1,
0.0,	1.2);						
(	-29.0,	41.7,	0.0,	1.2);	(	-41.7,	29.0,
0.0,	1.2);						
(	-43.1,	27.6,	0.0,	1.2);	(	-44.5,	26.2,
0.0,	1.2);						
(	-46.0,	24.8,	0.0,	1.2);	(	-47.4,	23.3,
0.0,	1.2);						
(	-49.5,	21.2,	0.0,	1.2);	(	-53.0,	17.7,
0.0,	1.2);						
(	-56.6,	14.1,	0.0,	1.2);	(	-63.6,	7.1,
0.0,	1.2);						
(	-70.7,	0.0,	0.0,	1.2);	(	-77.8,	-7.1,
0.0,	1.2);						
(	-84.8,	-14.1,	0.0,	1.2);	(	-91.9,	-21.2,
0.0,	1.2);						
(	-99.0,	-28.3,	0.0,	1.2);	(	-106.1,	-35.4,
0.0,	1.2);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

PAGE 11  
URBAN FLAT FLGPOL DFAULT

CONC

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

(	42.4,	99.0,	0.0,	1.2);	(	35.4,	91.9,
0.0,	1.2);						
(	28.3,	84.8,	0.0,	1.2);	(	21.2,	77.8,
0.0,	1.2);						
(	14.1,	70.7,	0.0,	1.2);	(	7.1,	63.6,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

(	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);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 12  
 URBAN FLAT FLGPOL DFAULT

CONC

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

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

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

Direction  
 \*\*MODELOPTs:

PAGE 13  
 CONC URBAN FLAT FLGPOL DFAULT

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

( 0.0, 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5,
( 0.0, 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4,
( 0.0, 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2,
( 0.0, 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1,
( 0.0, 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0,
( 0.0, 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5,
( 0.0, 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4,
( 0.0, 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5,
( 0.0, 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3,
( 0.0, 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2,
( 0.0, 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8,
( 0.0, -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4,
( 0.0, -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6,
( 0.0, -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7,
( 0.0, -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8,
( 0.0, 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4,
( 0.0, 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3,
( 0.0, 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1,
( 0.0, 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0,
( 0.0, 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1,
( 0.0, 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6,
( 0.0, 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4,
( 0.0, 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6,
( 0.0, 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4,
( 0.0, 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0,	1.2);						
(	7.1,	-35.4,	0.0,	1.2);	(	3.5,	-38.9,
0.0,	1.2);						
(	0.0,	-42.4,	0.0,	1.2);	(	-7.1,	-49.5,
0.0,	1.2);						
(	-14.1,	-56.6,	0.0,	1.2);	(	-21.2,	-63.6,
0.0,	1.2);						
(	-28.3,	-70.7,	0.0,	1.2);	(	-35.4,	-77.8,
0.0,	1.2);						
(	-42.4,	-84.8,	0.0,	1.2);	(	-49.5,	-91.9,
0.0,	1.2);						
(	99.0,	42.4,	0.0,	1.2);	(	91.9,	35.4,
0.0,	1.2);						
(	84.8,	28.3,	0.0,	1.2);	(	77.8,	21.2,
0.0,	1.2);						
(	70.7,	14.1,	0.0,	1.2);	(	63.6,	7.1,
0.0,	1.2);						
(	56.6,	0.0,	0.0,	1.2);	(	49.5,	-7.1,
0.0,	1.2);						
(	46.0,	-10.6,	0.0,	1.2);	(	42.4,	-14.1,
0.0,	1.2);						
(	40.3,	-16.3,	0.0,	1.2);	(	38.9,	-17.7,
0.0,	1.2);						
(	37.5,	-19.1,	0.0,	1.2);	(	36.1,	-20.5,
0.0,	1.2);						
(	34.7,	-21.9,	0.0,	1.2);	(	21.9,	-34.7,
0.0,	1.2);						
(	20.5,	-36.1,	0.0,	1.2);	(	19.1,	-37.5,
0.0,	1.2);						
(	17.7,	-38.9,	0.0,	1.2);	(	16.3,	-40.3,
0.0,	1.2);						
(	14.1,	-42.4,	0.0,	1.2);	(	10.6,	-46.0,
0.0,	1.2);						
(	7.1,	-49.5,	0.0,	1.2);	(	0.0,	-56.6,
0.0,	1.2);						
(	-7.1,	-63.6,	0.0,	1.2);	(	-14.1,	-70.7,
0.0,	1.2);						
(	-21.2,	-77.8,	0.0,	1.2);	(	-28.3,	-84.8,
0.0,	1.2);						
(	-35.4,	-91.9,	0.0,	1.2);	(	-42.4,	-99.0,
0.0,	1.2);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 14  
 URBAN FLAT FLGPOL DFAULT

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

(	106.1,	35.4,	0.0,	1.2);	(	99.0,	28.3,
0.0,	1.2);						
(	91.9,	21.2,	0.0,	1.2);	(	84.8,	14.1,
0.0,	1.2);						
(	77.8,	7.1,	0.0,	1.2);	(	70.7,	0.0,
0.0,	1.2);						
(	63.6,	-7.1,	0.0,	1.2);	(	56.6,	-14.1,
0.0,	1.2);						

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0,	1.2);						
(	58.7,	-40.3,	0.0,	1.2);	(	57.3,	-41.7,
0.0,	1.2);						
(	55.9,	-43.1,	0.0,	1.2);	(	43.1,	-55.9,
0.0,	1.2);						
(	41.7,	-57.3,	0.0,	1.2);	(	40.3,	-58.7,
0.0,	1.2);						
(	38.9,	-60.1,	0.0,	1.2);	(	37.5,	-61.5,
0.0,	1.2);						
(	35.4,	-63.6,	0.0,	1.2);	(	31.8,	-67.2,
0.0,	1.2);						
(	28.3,	-70.7,	0.0,	1.2);	(	21.2,	-77.8,
0.0,	1.2);						
(	14.1,	-84.8,	0.0,	1.2);	(	7.1,	-91.9,
0.0,	1.2);						
(	0.0,	-99.0,	0.0,	1.2);	(	-7.1,	-106.1,
0.0,	1.2);						
(	-14.1,	-113.1,	0.0,	1.2);	(	-21.2,	-120.2,
0.0,	1.2);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Direction  
 \*\*MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

Di recti on  
\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

(	63.6,	-106.1,	0.0,	1.2);	(	56.6,	-113.1,
0.0,	1.2);						
(	49.5,	-120.2,	0.0,	1.2);	(	42.4,	-127.3,
0.0,	1.2);						
(	35.4,	-134.4,	0.0,	1.2);	(	28.3,	-141.4,
0.0,	1.2);						
(	21.2,	-148.5,	0.0,	1.2);	(	14.1,	-155.6,
0.0,	1.2);						
(	162.6,	-21.2,	0.0,	1.2);	(	155.6,	-28.3,
0.0,	1.2);						
(	148.5,	-35.4,	0.0,	1.2);	(	141.4,	-42.4,
0.0,	1.2);						
(	134.4,	-49.5,	0.0,	1.2);	(	127.3,	-56.6,
0.0,	1.2);						
(	120.2,	-63.6,	0.0,	1.2);	(	113.1,	-70.7,
0.0,	1.2);						
(	109.6,	-74.2,	0.0,	1.2);	(	106.1,	-77.8,
0.0,	1.2);						
(	103.9,	-79.9,	0.0,	1.2);	(	102.5,	-81.3,
0.0,	1.2);						
(	101.1,	-82.7,	0.0,	1.2);	(	99.7,	-84.2,
0.0,	1.2);						
(	98.3,	-85.6,	0.0,	1.2);	(	85.6,	-98.3,
0.0,	1.2);						
(	84.2,	-99.7,	0.0,	1.2);	(	82.7,	-101.1,
0.0,	1.2);						
(	81.3,	-102.5,	0.0,	1.2);	(	79.9,	-103.9,
0.0,	1.2);						
(	77.8,	-106.1,	0.0,	1.2);	(	74.2,	-109.6,
0.0,	1.2);						
(	70.7,	-113.1,	0.0,	1.2);	(	63.6,	-120.2,
0.0,	1.2);						
(	56.6,	-127.3,	0.0,	1.2);	(	49.5,	-134.4,
0.0,	1.2);						
(	42.4,	-141.4,	0.0,	1.2);	(	35.4,	-148.5,
0.0,	1.2);						
(	28.3,	-155.6,	0.0,	1.2);	(	21.2,	-162.6,
0.0,	1.2);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

(	169.7,	-28.3,	0.0,	1.2);	(	162.6,	-35.4,
0.0,	1.2);						
(	155.6,	-42.4,	0.0,	1.2);	(	148.5,	-49.5,
0.0,	1.2);						
(	141.4,	-56.6,	0.0,	1.2);	(	134.4,	-63.6,
0.0,	1.2);						
(	127.3,	-70.7,	0.0,	1.2);	(	120.2,	-77.8,
0.0,	1.2);						
(	116.7,	-81.3,	0.0,	1.2);	(	113.1,	-84.8,
0.0,	1.2);						
(	111.0,	-87.0,	0.0,	1.2);	(	109.6,	-88.4,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 18

CONC

URBAN FLAT FLGPOL DFAULT

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

(	190.9,	-49.5,	0.0,	1.2);	(	183.9,	-56.6,
0.0,	1.2);						
(	176.8,	-63.6,	0.0,	1.2);	(	169.7,	-70.7,
0.0,	1.2);						
(	162.6,	-77.8,	0.0,	1.2);	(	155.6,	-84.8,
0.0,	1.2);						
(	148.5,	-91.9,	0.0,	1.2);	(	141.4,	-99.0,
0.0,	1.2);						
(	137.9,	-102.5,	0.0,	1.2);	(	134.4,	-106.1,
0.0,	1.2);						
(	132.2,	-108.2,	0.0,	1.2);	(	130.8,	-109.6,
0.0,	1.2);						
(	129.4,	-111.0,	0.0,	1.2);	(	128.0,	-112.4,
0.0,	1.2);						
(	126.6,	-113.8,	0.0,	1.2);	(	113.8,	-126.6,
0.0,	1.2);						
(	112.4,	-128.0,	0.0,	1.2);	(	111.0,	-129.4,
0.0,	1.2);						
(	109.6,	-130.8,	0.0,	1.2);	(	108.2,	-132.2,
0.0,	1.2);						
(	106.1,	-134.4,	0.0,	1.2);	(	102.5,	-137.9,
0.0,	1.2);						
(	99.0,	-141.4,	0.0,	1.2);	(	91.9,	-148.5,
0.0,	1.2);						
(	84.8,	-155.6,	0.0,	1.2);	(	77.8,	-162.6,
0.0,	1.2);						
(	70.7,	-169.7,	0.0,	1.2);	(	63.6,	-176.8,
0.0,	1.2);						
(	56.6,	-183.9,	0.0,	1.2);	(	49.5,	-190.9,
0.0,	1.2);						
(	198.0,	-56.6,	0.0,	1.2);	(	190.9,	-63.6,
0.0,	1.2);						
(	183.9,	-70.7,	0.0,	1.2);	(	176.8,	-77.8,

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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);				
(	205.1,	-63.6,	0.0,	1.2);	( 198.0, -70.7,
0.0,	1.2);				
(	190.9,	-77.8,	0.0,	1.2);	( 183.9, -84.8,
0.0,	1.2);				
(	176.8,	-91.9,	0.0,	1.2);	( 169.7, -99.0,
0.0,	1.2);				
(	162.6,	-106.1,	0.0,	1.2);	( 155.6, -113.1,
0.0,	1.2);				
(	152.0,	-116.7,	0.0,	1.2);	( 148.5, -120.2,
0.0,	1.2);				
(	146.4,	-122.3,	0.0,	1.2);	( 145.0, -123.7,
0.0,	1.2);				
(	143.5,	-125.2,	0.0,	1.2);	( 142.1, -126.6,
0.0,	1.2);				
(	140.7,	-128.0,	0.0,	1.2);	( 128.0, -140.7,
0.0,	1.2);				
(	126.6,	-142.1,	0.0,	1.2);	( 125.2, -143.5,
0.0,	1.2);				
(	123.7,	-145.0,	0.0,	1.2);	( 122.3, -146.4,
0.0,	1.2);				
(	120.2,	-148.5,	0.0,	1.2);	( 116.7, -152.0,
0.0,	1.2);				
(	113.1,	-155.6,	0.0,	1.2);	( 106.1, -162.6,
0.0,	1.2);				
(	99.0,	-169.7,	0.0,	1.2);	( 91.9, -176.8,
0.0,	1.2);				
(	84.8,	-183.9,	0.0,	1.2);	( 77.8, -190.9,
0.0,	1.2);				
(	70.7,	-198.0,	0.0,	1.2);	( 63.6, -205.1,
0.0,	1.2);				

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

\*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

CONC

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
URBAN FLAT FLGPOL DFAULT

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

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.0,	(	99.0,	-198.0,	0.0,	1.2);	(	91.9,	-205.1,
0.0,	(	84.8,	-212.1,	0.0,	1.2);	(	77.8,	-219.2,
0.0,	(	226.3,	-84.8,	0.0,	1.2);	(	219.2,	-91.9,
0.0,	(	212.1,	-99.0,	0.0,	1.2);	(	205.1,	-106.1,
0.0,	(	198.0,	-113.1,	0.0,	1.2);	(	190.9,	-120.2,
0.0,	(	183.9,	-127.3,	0.0,	1.2);	(	176.8,	-134.4,
0.0,	(	173.2,	-137.9,	0.0,	1.2);	(	169.7,	-141.4,
0.0,	(	167.6,	-143.5,	0.0,	1.2);	(	166.2,	-145.0,
0.0,	(	164.8,	-146.4,	0.0,	1.2);	(	163.3,	-147.8,
0.0,	(	161.9,	-149.2,	0.0,	1.2);	(	149.2,	-161.9,
0.0,	(	147.8,	-163.3,	0.0,	1.2);	(	146.4,	-164.8,
0.0,	(	145.0,	-166.2,	0.0,	1.2);	(	143.5,	-167.6,
0.0,	(	141.4,	-169.7,	0.0,	1.2);	(	137.9,	-173.2,
0.0,	(	134.4,	-176.8,	0.0,	1.2);	(	127.3,	-183.9,
0.0,	(	120.2,	-190.9,	0.0,	1.2);	(	113.1,	-198.0,
0.0,	(	106.1,	-205.1,	0.0,	1.2);	(	99.0,	-212.1,
0.0,	(	91.9,	-219.2,	0.0,	1.2);	(	84.8,	-226.3,
0.0,	(	1.2);						

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 20  
 CONC URBAN FLAT FLGPOL DFAULT

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

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

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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



O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

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

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14: 51: 37

Direction  
 \*\*MODELOPTs:

PAGE 22  
 CONC URBAN FLAT FLGPOL DFAULT

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

FILE: C:\NCRA\MODELING\MET DATA\SANTA ROSA\ROS03300.ASC

FORMAT: (4I 2, 2F9. 4, F6. 1, I 2, 2F7. 1, f9. 4, f10. 1, f8. 4, i 4, f7. 2)

SURFACE STATION NO.: 9902 UPPER AIR STATION NO.: 9902  
 NAME: UNKNOWN NAME: UNKNOWN  
 YEAR: 2003 YEAR: 2003

IPCODE PRATE FLOW SPEED TEMP STAB MIXING HEIGHT (M) USTAR M-0 LENGTH Z-0  
 YR MN DY HR VECTOR (M/S) (K) CLASS RURAL URBAN (M/S) (M) (M)  
 (mm/HR)

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

03	01	01	01	140.8	1.39	277.4	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	02	179.4	1.12	277.0	5	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	03	119.8	1.12	276.5	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	04	155.3	1.00	276.4	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	05	284.4	1.12	276.2	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	06	298.3	1.00	276.3	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	07	306.8	1.25	276.2	5	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	08	87.1	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	09	186.7	1.00	276.2	5	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	10	159.1	1.03	277.4	4	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	11	81.8	1.00	278.8	3	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	12	138.4	1.00	279.9	2	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	13	129.3	1.12	281.5	1	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	14	161.0	1.74	282.7	2	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	15	179.4	1.07	284.2	1	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	16	51.7	1.00	284.5	1	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	17	155.0	1.16	284.1	2	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	18	120.2	1.39	282.6	3	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	19	321.3	1.12	281.2	4	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	20	159.0	1.39	280.3	5	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	21	311.1	1.30	280.8	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	22	184.3	1.16	280.7	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	23	189.6	1.56	280.2	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											
03	01	01	24	147.2	1.43	279.9	6	300.0	300.0	0.0000	0.0	0.0000
0	0.00											

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
\*\*\* 06/13/08

Direction

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT  
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O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

**		** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-106.07	247.49	0.00000	(03041806)	-113.14	
240.42	0.00000	(03011823)			
-120.21	233.35	0.00000	(03020821)	-127.28	
226.27	0.00000	(03101401)			
-134.35	219.20	0.00000	(03121120)	-141.42	
212.13	0.00000	(03031521)			
-148.49	205.06	0.00000	(03102620)	-155.56	
197.99	0.00000	(03021301)			
-159.10	194.45	0.00000	(03022121)	-162.63	
190.92	0.00000	(03122124)			
-164.76	188.80	0.00000	(03102504)	-166.17	
187.38	0.00000	(03010804)			
-167.58	185.97	0.00000	(03010804)	-169.00	
184.55	0.00000	(03122021)			
-170.41	183.14	0.00000	(03122021)	-183.14	
170.41	0.00000	(03011620)			
-184.55	169.00	0.00000	(03102402)	-185.97	
167.58	0.00000	(03102402)			
-187.38	166.17	0.00000	(03050702)	-188.80	
164.76	0.00000	(03121508)			
-190.92	162.63	0.00000	(03112523)	-194.45	
159.10	0.00000	(03052723)			
-197.99	155.56	0.00000	(03092006)	-205.06	
148.49	0.00000	(03050704)			
-212.13	141.42	0.00000	(03021005)	-219.20	
134.35	0.00000	(03120221)			
-226.27	127.28	0.00000	(03091401)	-233.35	
120.21	0.00000	(03052702)			
-240.42	113.14	0.00000	(03102106)	-247.49	
106.07	0.00000	(03012102)			
-98.99	240.42	0.00000	(03021103)	-106.07	
233.35	0.00000	(03090207)			
-113.14	226.27	0.00000	(03080704)	-120.21	
219.20	0.00000	(03033103)			
-127.28	212.13	0.00000	(03030923)	-134.35	
205.06	0.00000	(03031521)			
-141.42	197.99	0.00000	(03020607)	-148.49	
190.92	0.00000	(03020220)			
-152.03	187.38	0.00000	(03062806)	-155.56	
183.85	0.00000	(03122124)			
-157.68	181.73	0.00000	(03102504)	-159.10	
180.31	0.00000	(03010804)			
-160.51	178.90	0.00000	(03010804)	-161.93	
177.48	0.00000	(03122021)			
-163.34	176.07	0.00000	(03122021)	-176.07	
163.34	0.00000	(03011620)			
-177.48	161.93	0.00000	(03102402)	-178.90	

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

160.51	-180.31	0.00000	(03102402)	159.10	0.00000	(03050702)	-181.73
157.68	-183.85	0.00000	(03121508)	155.56	0.00000	(03112523)	-187.38
152.03	-190.92	0.00000	(03052723)	148.49	0.00000	(03092006)	-197.99
141.42	-205.06	0.00000	(03050704)	134.35	0.00000	(03021005)	-212.13
127.28	-219.20	0.00000	(03041604)	120.21	0.00000	(03043001)	-226.27
113.14	-233.35	0.00000	(03052702)	106.07	0.00000	(03102106)	-240.42
98.99	-91.92	0.00000	(03082206)	233.35	0.00000	(03080904)	-98.99
226.27	-106.07	0.00000	(03090207)	219.20	0.00000	(03080704)	-113.14
212.13	-120.21	0.00000	(03042301)	205.06	0.00000	(03060105)	-127.28
197.99	-134.35	0.00000	(03021902)	190.92	0.00000	(03020607)	-141.42
183.85	-144.96	0.00000	(03112004)	180.31	0.00000	(03062806)	-148.49
176.78	-150.61	0.00000	(03062205)	174.66	0.00000	(03122707)	-152.03
173.24	-153.44	0.00000	(03010804)	171.83	0.00000	(03010804)	-154.86
170.41	-156.27	0.00000	(03122021)	169.00	0.00000	(03122021)	-169.00
156.27	-170.41	0.00000	(03011620)	154.86	0.00000	(03102402)	-171.83
153.44	-173.24	0.00000	(03102402)	152.03	0.00000	(03050702)	-174.66
150.61		0.00000	(03121508)				

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)				
-176.78	148.49	0.00000	(03112523)			-180.31
144.96	-183.85	0.00000	(03052723)			-190.92
134.35	-197.99	0.00000	(03050704)			-205.06
120.21	-212.13	0.00000	(03041604)			-219.20

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

106.07	0.00000	(03052702)			
-226.27	99.00		0.00000	(03030103)	-233.35
91.92	0.00000	(03041807)			
-84.85	226.27		0.00000	(03102824)	-91.92
219.20	0.00000	(03041806)			
-98.99	212.13		0.00000	(03011823)	-106.07
205.06	0.00001	(03121704)			
-113.14	197.99		0.00001	(03060105)	-120.21
190.92	0.00001	(03021902)			
-127.28	183.85		0.00001	(03011323)	-134.35
176.78	0.00001	(03033007)			
-137.89	173.24		0.00001	(03062806)	-141.42
169.71	0.00001	(03011809)			
-143.54	167.58		0.00001	(03122707)	-144.96
166.17	0.00001	(03010804)			
-146.37	164.76		0.00001	(03010804)	-147.79
163.34	0.00001	(03122021)			
-149.20	161.93		0.00001	(03122021)	-161.93
149.20	0.00001	(03011620)			
-163.34	147.79		0.00001	(03102402)	-164.76
146.37	0.00001	(03050702)			
-166.17	144.96		0.00001	(03050702)	-167.58
143.54	0.00001	(03121508)			
-169.71	141.42		0.00001	(03112523)	-173.24
137.89	0.00001	(03052723)			
-176.78	134.35		0.00001	(03092006)	-183.85
127.28	0.00001	(03050704)			
-190.92	120.21		0.00001	(03120221)	-197.99
113.14	0.00001	(03102124)			
-205.06	106.07		0.00001	(03110308)	-212.13
99.00	0.00000	(03092302)			
-219.20	91.92		0.00000	(03012102)	-226.27
84.85	0.00000	(03052707)			
-77.78	219.20		0.00001	(03102824)	-84.85
212.13	0.00001	(03041806)			
-91.92	205.06		0.00001	(03011823)	-98.99
197.99	0.00001	(03082007)			
-106.07	190.92		0.00001	(03100907)	-113.14
183.85	0.00001	(03021902)			
-120.21	176.78		0.00001	(03032101)	-127.28
169.71	0.00001	(03091404)			
-130.81	166.17		0.00001	(03062806)	-134.35
162.63	0.00001	(03011809)			
-136.47	160.51		0.00001	(03122707)	-137.89
159.10	0.00001	(03052005)			
-139.30	157.68		0.00001	(03010804)	-140.71
156.27	0.00001	(03010804)			
-142.13	154.86		0.00001	(03122021)	-154.86
142.13	0.00001	(03102402)			
-156.27	140.71		0.00001	(03102402)	-157.68
139.30	0.00001	(03050702)			
-159.10	137.89		0.00001	(03050702)	-160.51
136.47	0.00001	(03121508)			
-162.63	134.35		0.00001	(03112523)	-166.17
130.81	0.00001	(03092006)			
-169.71	127.28		0.00001	(03092006)	-176.78
120.21	0.00001	(03021005)			
-183.85	113.14		0.00001	(03120221)	-190.92
106.07	0.00001	(03102124)			
-197.99	99.00		0.00001	(03110308)	-205.06
91.92	0.00001	(03092302)			
-212.13	84.85		0.00001	(03012102)	-219.20
77.78	0.00001	(03112609)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

205.06	-70.71	0.00001	212.13 (03021103)	0.00001	(03041024)	-77.78
190.92	-84.85	0.00001	197.99 (03020821)	0.00001	(03090207)	-91.92
176.78	-98.99	0.00001	183.85 (03040504)	0.00001	(03100907)	-106.07
162.63	-113.14	0.00001	169.71 (03091404)	0.00001	(03100707)	-120.21
155.56	-123.74	0.00001	159.10 (03011809)	0.00001	(03021301)	-127.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-129.40	153.44	0.00001	(03122124)	-130.81
152.03	0.00001 (03052005)			
-132.23	150.61	0.00001	(03010804)	-133.64
149.20	0.00001 (03010804)			
-135.06	147.79	0.00001	(03122021)	-147.79
135.06	0.00001 (03102402)			
-149.20	133.64	0.00001	(03102402)	-150.61
132.23	0.00001 (03050702)			
-152.03	130.81	0.00001	(03050702)	-153.44
129.40	0.00001 (03112523)			
-155.56	127.28	0.00001	(03012105)	-159.10
123.74	0.00001 (03092006)			
-162.63	120.21	0.00001	(03092006)	-169.71
113.14	0.00001 (03021005)			
-176.78	106.07	0.00001	(03120221)	-183.85
98.99	0.00001 (03091401)			
-190.92	91.92	0.00001	(03110308)	-197.99
84.85	0.00001 (03102106)			
-205.06	77.78	0.00001	(03082206)	-212.13
70.71	0.00001 (03021009)			
-63.64	205.06	0.00001	(03041024)	-70.71
197.99	0.00001 (03021103)			
-77.78	190.92	0.00001	(03090207)	-84.85
183.85	0.00001 (03080704)			
-91.92	176.78	0.00001	(03101401)	-98.99
169.71	0.00001 (03040602)			
-106.07	162.63	0.00001	(03100707)	-113.14
155.56	0.00001 (03091404)			
-116.67	152.03	0.00001	(03021301)	-120.21
148.49	0.00001 (03022121)			

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

144.96	-122.33	0.00001	146.37	0.00001	(03122124)	-123.74
			(03102504)			
142.13	-125.16	0.00001	143.54	0.00001	(03010804)	-126.57
			(03010804)			
127.99	-127.99	0.00001	140.71	0.00001	(03122021)	-140.71
			(03102402)			
125.16	-142.13	0.00001	126.57	0.00001	(03102402)	-143.54
			(03050702)			
122.33	-144.96	0.00001	123.74	0.00001	(03121508)	-146.37
			(03112523)			
116.67	-148.49	0.00001	120.21	0.00001	(03012105)	-152.03
			(03092006)			
106.07	-155.56	0.00001	113.14	0.00001	(03050704)	-162.63
			(03021005)			
91.92	-169.71	0.00001	98.99	0.00001	(03120221)	-176.78
			(03091401)			
77.78	-183.85	0.00001	84.85	0.00001	(03052702)	-190.92
			(03030103)			
63.64	-197.99	0.00001	70.71	0.00001	(03041807)	-205.06
			(03040105)			
190.92	-56.57	0.00001	197.99	0.00001	(03042305)	-63.64
			(03102824)			
176.78	-70.71	0.00001	183.85	0.00001	(03052823)	-77.78
			(03080704)			
162.63	-84.85	0.00001	169.71	0.00001	(03033103)	-91.92
			(03121120)			
148.49	-98.99	0.00001	155.56	0.00001	(03031521)	-106.07
			(03091404)			
141.42	-109.60	0.00001	144.96	0.00001	(03021301)	-113.14
			(03022121)			
137.89	-115.26	0.00001	139.30	0.00001	(03122124)	-116.67
			(03122707)			
135.06	-118.09	0.00001	136.47	0.00001	(03010804)	-119.50
			(03010804)			
120.92	-120.92	0.00001	133.64	0.00001	(03122021)	-133.64
			(03102402)			
118.09	-135.06	0.00001	119.50	0.00001	(03102402)	-136.47
			(03050702)			
115.26	-137.89	0.00001	116.67	0.00001	(03121508)	-139.30
			(03112523)			
109.60	-141.42	0.00001	113.14	0.00001	(03012105)	-144.96
			(03092006)			
98.99	-148.49	0.00001	106.07	0.00001	(03050704)	-155.56
			(03021005)			
84.85	-162.63	0.00001	91.92	0.00001	(03120221)	-169.71
			(03043001)			
70.71	-176.78	0.00001	77.78	0.00001	(03052702)	-183.85
			(03012102)			
56.57	-190.92	0.00001	63.64	0.00001	(03052707)	-197.99
			(03051104)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
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\*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\*  
INCLUDING SOURCE(S): NCRA\_S1 ,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED  
 \*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3	
		**			
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	CONC	(YYMMDDHH)	X-COORD (M)
183.85	-49.50	190.92	0.00001	(03102103)	-56.57
169.71	-63.64	176.78	0.00001	(03041806)	-70.71
155.56	-77.78	162.63	0.00001	(03042301)	-84.85
141.42	-91.92	148.49	0.00001	(03031521)	-98.99
134.35	-102.53	137.89	0.00001	(03112004)	-106.07
130.81	-108.19	132.23	0.00001	(03062205)	-109.60
127.99	-111.02	129.40	0.00001	(03010804)	-112.43
113.84	-113.84	126.57	0.00001	(03122021)	-126.57
111.02	-127.99	112.43	0.00001	(03102402)	-129.40
108.19	-130.81	109.60	0.00001	(03121508)	-132.23
102.53	-134.35	106.07	0.00001	(03052723)	-137.89
91.92	-141.42	98.99	0.00001	(03050704)	-148.49
77.78	-155.56	84.85	0.00001	(03041604)	-162.63
63.64	-169.71	70.71	0.00001	(03092302)	-176.78
49.50	-183.85	56.57	0.00001	(03112609)	-190.92
176.78	-42.43	183.85	0.00001	(03031602)	-49.50
162.63	-56.57	169.71	0.00001	(03021103)	-63.64
148.49	-70.71	155.56	0.00001	(03121704)	-77.78
134.35	-84.85	141.42	0.00001	(03031521)	-91.92
127.28	-95.46	130.81	0.00001	(03033007)	-98.99
123.74	-101.12	125.16	0.00001	(03011809)	-102.53
120.92	-103.94	122.33	0.00001	(03052005)	-105.36
106.77	-106.77	119.50	0.00001	(03122021)	-119.50
103.94	-120.92	105.36	0.00001	(03050702)	-122.33
101.12	-123.74	102.53	0.00001	(03121508)	-125.16
95.46	-127.28	98.99	0.00001	(03052723)	-130.81
	-134.35	91.92	0.00001	(03050704)	-141.42

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

84.85	-148.49	0.00001	(03021005)	77.78	0.00001	(03041604)	-155.56
70.71	-162.63	0.00001	(03110308)	63.64	0.00001	(03092302)	-169.71
56.57	-176.78	0.00001	(03082206)	49.50	0.00001	(03021009)	-183.85
42.43	-35.36	0.00001	(03112707)	176.78	0.00001	(03072806)	-42.43
169.71	-49.50	0.00001	(03041024)	162.63	0.00001	(03021103)	-56.57
155.56	-63.64	0.00001	(03090207)	148.49	0.00001	(03082007)	-70.71
141.42	-77.78	0.00001	(03060105)	134.35	0.00001	(03021902)	-84.85
127.28	-88.39	0.00001	(03102620)	123.74	0.00001	(03033007)	-91.92
120.21	-94.05	0.00001	(03062806)	118.09	0.00001	(03011809)	-95.46
116.67	-96.87	0.00001	(03122124)	115.26	0.00001	(03102504)	-98.29
113.84	-99.70	0.00001	(03010804)	112.43	0.00001	(03122021)	-112.43
99.70	-113.84	0.00001	(03102402)	98.29	0.00001	(03050702)	-115.26
96.87	-116.67	0.00001	(03121508)	95.46	0.00001	(03112523)	-118.09
94.05		0.00001	(03012105)				

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 27  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-120.21	91.92	0.00001	(03052723)	-123.74
88.39	0.00001	(03092006)		
-127.28	84.85	0.00001	(03050704)	-134.35
77.78	0.00001	(03120221)		
-141.42	70.71	0.00001	(03102124)	-148.49
63.64	0.00001	(03110308)		
-155.56	56.57	0.00001	(03102106)	-162.63
49.50	0.00001	(03041807)		
-169.71	42.43	0.00001	(03040105)	-176.78
35.36	0.00001	(03010106)		
-28.28	169.71	0.00001	(03090203)	-35.36
162.63	0.00001	(03102208)		
-42.43	155.56	0.00001	(03102824)	-49.50

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

148.49	0.00001	(03090207)			
-56.57	141.42	0.00001	(03020821)		-63.64
134.35	0.00001	(03100907)			
-70.71	127.28	0.00001	(03021902)		-77.78
120.21	0.00001	(03102620)			
-81.32	116.67	0.00001	(03091404)		-84.85
113.14	0.00001	(03062806)			
-86.97	111.02	0.00001	(03022121)		-88.39
109.60	0.00001	(03122124)			
-89.80	108.19	0.00001	(03102504)		-91.22
106.77	0.00001	(03010804)			
-92.63	105.36	0.00001	(03010804)		-105.36
92.63	0.00001	(03102402)			
-106.77	91.22	0.00001	(03050702)		-108.19
89.80	0.00001	(03121508)			
-109.60	88.39	0.00001	(03112523)		-111.02
86.97	0.00001	(03012105)			
-113.14	84.85	0.00001	(03052723)		-116.67
81.32	0.00001	(03092006)			
-120.21	77.78	0.00001	(03050704)		-127.28
70.71	0.00001	(03120221)			
-134.35	63.64	0.00001	(03091401)		-141.42
56.57	0.00001	(03052702)			
-148.49	49.50	0.00001	(03030103)		-155.56
42.43	0.00001	(03052707)			
-162.63	35.36	0.00001	(03051104)		-169.71
28.28	0.00001	(03100905)			
-21.21	162.63	0.00001	(03091207)		-28.28
155.56	0.00001	(03031602)			
-35.36	148.49	0.00001	(03102824)		-42.43
141.42	0.00001	(03041806)			
-49.50	134.35	0.00001	(03080704)		-56.57
127.28	0.00001	(03101401)			
-63.64	120.21	0.00001	(03040504)		-70.71
113.14	0.00001	(03020607)			
-74.25	109.60	0.00001	(03091404)		-77.78
106.07	0.00001	(03021301)			
-79.90	103.94	0.00001	(03022121)		-81.32
102.53	0.00001	(03011809)			
-82.73	101.12	0.00001	(03122707)		-84.15
99.70	0.00001	(03010804)			
-85.56	98.29	0.00001	(03010804)		-98.29
85.56	0.00001	(03102402)			
-99.70	84.15	0.00001	(03050702)		-101.12
82.73	0.00001	(03121508)			
-102.53	81.32	0.00001	(03112523)		-103.94
79.90	0.00001	(03012105)			
-106.07	77.78	0.00001	(03092006)		-109.60
74.25	0.00001	(03050704)			
-113.14	70.71	0.00001	(03050704)		-120.21
63.64	0.00001	(03120221)			
-127.28	56.57	0.00001	(03091401)		-134.35
49.50	0.00001	(03052702)			
-141.42	42.43	0.00001	(03012102)		-148.49
35.36	0.00001	(03112609)			
-155.56	28.28	0.00001	(03112707)		-162.63
21.21	0.00001	(03030102)			
-14.14	155.56	0.00001	(03112808)		-21.21
148.49	0.00001	(03072806)			
-28.28	141.42	0.00001	(03041024)		-35.36
134.35	0.00001	(03021103)			
-42.43	127.28	0.00001	(03011823)		-49.50
120.21	0.00001	(03033103)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 106.07 -56.57 113.14 0.00001 (03040602) -63.64  
 98.99 -67.18 102.53 0.00001 (03022203) -70.71  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37  
 Direction \*\*\*  
 \*\*MODELOPTs:  
 CONC PAGE 28  
 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
95.46	-72.83	0.00001	(03011809)	-74.25
92.63	-75.66	0.00001	(03052005)	-77.07
78.49	-78.49	0.00001	(03102402)	-91.22
75.66	-92.63	0.00001	(03121508)	-94.05
72.83	-95.46	0.00001	(03052723)	-96.87
67.18	-98.99	0.00001	(03050704)	-102.53
56.57	-106.07	0.00001	(03120221)	-113.14
42.43	-120.21	0.00001	(03092302)	-127.28
28.28	-134.35	0.00001	(03030924)	-141.42
14.14	-148.49	0.00001	(03021502)	-155.56
141.42	-7.07	0.00001	(03050202)	-14.14
127.28	-21.21	0.00001	(03021103)	-28.28
113.14	-35.36	0.00001	(03042301)	-42.43
98.99	-49.50	0.00001	(03121120)	-56.57
91.92	-60.10	0.00001	(03022203)	-63.64
88.39	-65.76	0.00001	(03062806)	-67.18
85.56	-68.59	0.00001	(03122124)	-70.00
71.42	-71.42	0.00001	(03010804)	-84.15

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

68.59	-85.56	70.00	0.00001	(03121508)	-86.97
		(03112523)			
65.76	-88.39	67.18	0.00001	(03012105)	-89.80
		(03052723)			
60.10	-91.92	63.64	0.00001	(03092006)	-95.46
		(03050704)			
49.50	-98.99	56.57	0.00001	(03021005)	-106.07
		(03120221)			
35.36	-113.14	42.43	0.00001	(03110308)	-120.21
		(03102106)			
21.21	-127.28	28.28	0.00001	(03041807)	-134.35
		(03051104)			
7.07	-141.42	14.14	0.00001	(03100905)	-148.49
		(03040106)			
134.35	0.00	141.42	0.00001	(03051303)	-7.07
		(03091207)			
120.21	-14.14	127.28	0.00001	(03021822)	-21.21
		(03102824)			
106.07	-28.28	113.14	0.00001	(03090207)	-35.36
		(03082007)			
91.92	-42.43	98.99	0.00001	(03030923)	-49.50
		(03100707)			
84.85	-53.03	88.39	0.00001	(03022203)	-56.57
		(03112004)			
81.32	-58.69	82.73	0.00001	(03062806)	-60.10
		(03022121)			
78.49	-61.52	79.90	0.00001	(03062205)	-62.93
		(03122707)			
64.35	-64.35	77.07	0.00001	(03010804)	-77.07
		(03050702)			
61.52	-78.49	62.93	0.00001	(03121508)	-79.90
		(03112523)			
58.69	-81.32	60.10	0.00001	(03012105)	-82.73
		(03052723)			
53.03	-84.85	56.57	0.00001	(03092006)	-88.39
		(03050704)			
42.43	-91.92	49.50	0.00001	(03021005)	-98.99
		(03041604)			
28.28	-106.07	35.36	0.00001	(03110308)	-113.14
		(03030103)			
14.14	-120.21	21.21	0.00001	(03052707)	-127.28
		(03112707)			
0.00	-134.35	7.07	0.00001	(03041023)	-141.42
		(03010504)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 14:51:37

PAGE 29  
 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
	7.07	134.35	0.00001	(03082301)	0.00
127.28		(03112808)			
	-7.07	120.21	0.00001	(03011706)	-14.14
113.14		(03041024)			
	-21.21	106.07	0.00001	(03052823)	-28.28
98.99		(03020821)			
	-35.36	91.92	0.00001	(03060105)	-42.43
84.85		(03031521)			
	-45.96	81.32	0.00001	(03102620)	-49.50
77.78		(03033007)			
	-51.62	75.66	0.00001	(03062806)	-53.03
74.25		(03022121)			
	-54.45	72.83	0.00001	(03062205)	-55.86
71.42		(03122707)			
	-57.28	70.00	0.00001	(03010804)	-70.00
57.28		(03050702)			
	-71.42	55.86	0.00001	(03121508)	-72.83
54.45		(03112523)			
	-74.25	53.03	0.00001	(03052723)	-75.66
51.62		(03052723)			
	-77.78	49.50	0.00001	(03092006)	-81.32
45.96		(03050704)			
	-84.85	42.43	0.00001	(03021005)	-91.92
35.36		(03102124)			
	-98.99	28.28	0.00001	(03052702)	-106.07
21.21		(03012102)			
	-113.14	14.14	0.00001	(03021009)	-120.21
7.07		(03010106)			
	-127.28	0.00	0.00001	(03021502)	-134.35
-7.07		(03041524)			
	14.14	127.28	0.00001	(03100903)	7.07
120.21		(03122604)			
	0.00	113.14	0.00001	(03090203)	-7.07
106.07		(03041024)			
	-14.14	98.99	0.00001	(03041806)	-21.21
91.92		(03080704)			
	-28.28	84.85	0.00001	(03100907)	-35.36
77.78		(03031521)			
	-38.89	74.25	0.00001	(03020607)	-42.43
70.71		(03091404)			
	-44.55	68.59	0.00001	(03021301)	-45.96
67.18		(03022121)			
	-47.38	65.76	0.00001	(03011809)	-48.79
64.35		(03122707)			
	-50.20	62.93	0.00001	(03010804)	-62.93
50.20		(03050702)			
	-64.35	48.79	0.00001	(03121508)	-65.76
47.38		(03112523)			
	-67.18	45.96	0.00001	(03052723)	-68.59
44.55		(03092006)			
	-70.71	42.43	0.00001	(03092006)	-74.25
38.89		(03050704)			
	-77.78	35.36	0.00001	(03021005)	-84.85
28.28		(03091401)			
	-91.92	21.21	0.00001	(03052702)	-98.99
14.14		(03082206)			
	-106.07	7.07	0.00001	(03040105)	-113.14
0.00		(03100905)			
	-120.21	-7.07	0.00001	(03040106)	-127.28

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-14.14	0.00001	(03050106)			
21.21	120.21		0.00001	(03041101)	14.14
113.14	0.00001	(03042303)			
7.07	106.07		0.00001	(03091207)	0.00
98.99	0.00001	(03102103)			
-7.07	91.92		0.00001	(03021103)	-14.14
84.85	0.00001	(03011823)			
-21.21	77.78		0.00001	(03101401)	-28.28
70.71	0.00001	(03021902)			
-31.82	67.18		0.00001	(03011323)	-35.36
63.64	0.00001	(03091404)			
-37.48	61.52		0.00001	(03021301)	-38.89
60.10	0.00001	(03062806)			
-40.31	58.69		0.00001	(03011809)	-41.72
57.28	0.00001	(03122124)			
-43.13	55.86		0.00001	(03052005)	-55.86
43.13	0.00001	(03050702)			
-57.28	41.72		0.00001	(03121508)	-58.69
40.31	0.00001	(03012105)			
-60.10	38.89		0.00001	(03052723)	-61.52
37.48	0.00001	(03092006)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound \*\*\*  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 30  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-63.64	35.36	0.00001	(03050704)	-67.18
31.82	0.00001	(03021005)		
-70.71	28.28	0.00001	(03120221)	-77.78
21.21	0.00001	(03091401)		
-84.85	14.14	0.00001	(03092302)	-91.92
7.07	0.00001	(03041807)		
-98.99	0.00	0.00001	(03112707)	-106.07
-7.07	0.00001	(03030102)		
-113.14	-14.14	0.00001	(03010504)	-120.21
-21.21	0.00001	(03080705)		
28.28	113.14	0.00001	(03011101)	21.21
106.07	0.00001	(03052104)		
14.14	98.99	0.00001	(03112808)	7.07
91.92	0.00001	(03050624)		
0.00	84.85	0.00001	(03102824)	-7.07
77.78	0.00001	(03090207)		
-14.14	70.71	0.00001	(03042301)	-21.21
63.64	0.00001	(03021902)		
-24.75	60.10	0.00001	(03100707)	-28.28

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

56.57	0.00001	(03022203)	54.45	0.00001	(03112004)	-31.82	
53.03	-30.41	0.00001	(03062806)	51.62	0.00001	(03022121)	-34.65
50.20	-33.23	0.00001	(03122124)	48.79	0.00001	(03052005)	-48.79
36.06	-36.06	0.00001	(03050702)	34.65	0.00001	(03112523)	-51.62
33.23	-50.20	0.00001	(03012105)	31.82	0.00001	(03052723)	-54.45
30.41	-53.03	0.00001	(03092006)	28.28	0.00001	(03050704)	-60.10
24.75	-56.57	0.00001	(03021005)	21.21	0.00001	(03120221)	-70.71
14.14	-63.64	0.00001	(03043001)	7.07	0.00001	(03102106)	-84.85
0.00	-77.78	0.00001	(03052707)	-7.07	0.00001	(03010106)	-98.99
-14.14	-91.92	0.00001	(03092201)	-21.21	0.00001	(03041524)	-113.14
-28.28	-106.07	0.00001	(03043023)	106.07	0.00001	(03060107)	28.28
98.99	35.36	0.00001	(03011002)	91.92	0.00001	(03122604)	14.14
84.85	21.21	0.00001	(03090203)	77.78	0.00001	(03041024)	0.00
70.71	7.07	0.00001	(03052823)	63.64	0.00001	(03082007)	-14.14
56.57	-7.07	0.00001	(03040602)	53.03	0.00001	(03031521)	-21.21
49.50	-17.68	0.00001	(03022203)	47.38	0.00001	(03033007)	-24.75
45.96	-23.33	0.00001	(03021301)	44.55	0.00001	(03022121)	-27.58
43.13	-26.16	0.00001	(03062205)	41.72	0.00001	(03102504)	-41.72
28.99	-28.99	0.00001	(03121508)	27.58	0.00001	(03112523)	-44.55
26.16	-43.13	0.00001	(03052723)	24.75	0.00001	(03092006)	-47.38
23.33	-45.96	0.00001	(03092006)	21.21	0.00001	(03050704)	-53.03
17.68	-49.50	0.00001	(03021005)	14.14	0.00001	(03120221)	-63.64
7.07	-56.57	0.00001	(03110308)	0.00	0.00001	(03012102)	-77.78
-7.07	-70.71	0.00001	(03030924)	-14.14	0.00001	(03100905)	-91.92
-21.21	-84.85	0.00001	(03040106)	-28.28	0.00001	(03080705)	-106.07
-35.36	-98.99	0.00001	(03121520)	98.99	0.00001	(03012506)	35.36
91.92	42.43	0.00001	(03030622)	84.85	0.00001	(03082301)	21.21
77.78	28.28	0.00001	(03091207)	70.71	0.00001	(03102208)	7.07
63.64	14.14	0.00001	(03041806)	56.57	0.00001	(03020821)	-7.07
49.50	0.00	0.00001	(03121120)	45.96	0.00001	(03031521)	-14.14
42.43	-10.61	0.00001	(03102620)				

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

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-16.26	40.31	0.00001	(03091404)	0.00001	(03091404)	-17.68
38.89	0.00001	(03020220)	37.48	0.00001	(03062806)	-20.51
-19.09	0.00001	(03011809)	34.65	0.00001	(03122707)	-34.65
36.06	0.00001	(03121508)	20.51	0.00001	(03012105)	-37.48
-21.92	0.00001	(03052723)	17.68	0.00001	(03092006)	-40.31
-36.06	0.00001	(03092006)	14.14	0.00001	(03050704)	-45.96
-38.89	0.00001	(03021005)	7.07	0.00001	(03120221)	-56.57
16.26	0.00001	(03052702)	-7.07	0.00001	(03082206)	-70.71
-42.43	0.00001	(03051104)	-21.21	0.00001	(03041023)	-84.85
10.61	0.00001	(03011102)	-35.36	0.00001	(03043023)	-98.99
-49.50	0.00001	(03121521)	91.92	0.00001	(03122118)	42.43
0.00	0.00001	(03060107)	77.78	0.00001	(03100903)	28.28
-63.64	0.00001	(03112808)	63.64	0.00001	(03031602)	14.14
-14.14	0.00001	(03080904)	49.50	0.00002	(03080704)	0.00
-77.78	0.00002	(03060105)	38.89	0.00002	(03021902)	-7.07
-28.28	0.00002	(03020607)	33.23	0.00002	(03091404)	-10.61
-91.92	0.00002	(03033007)	30.41	0.00002	(03062806)	-13.44
49.50	0.00002	(03022121)	27.58	0.00002	(03122707)	-27.58
35.36	0.00002	(03121508)	13.44	0.00002	(03012105)	-30.41
-9.19	0.00002	(03052723)	10.61	0.00002	(03092006)	-33.23
31.82	0.00002	(03050704)	7.07	0.00002	(03050704)	-38.89
-12.02	0.00002	(03120221)				
28.99						
-14.85						
14.85						
-28.99						
12.02						
-31.82						
9.19						
-35.36						
3.54						

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-7.07	-42.43	0.00002	0.00	0.00002	(03041604)	-49.50
-21.21	-56.57	0.00001	-14.14	0.00001	(03041807)	-63.64
-35.36	-70.71	0.00001	-28.28	0.00001	(03092201)	-77.78
-49.50	-84.85	0.00001	-42.43	0.00001	(03121520)	-91.92
77.78	56.57	0.00001	84.85	0.00001	(03101501)	49.50
63.64	42.43	0.00001	70.71	0.00001	(03012021)	35.36
49.50	28.28	0.00002	56.57	0.00002	(03090203)	21.21
35.36	14.14	0.00002	42.43	0.00002	(03011823)	7.07
28.28	3.54	0.00002	31.82	0.00002	(03040504)	0.00
24.75	-2.12	0.00002	26.16	0.00002	(03022203)	-3.54
21.92	-4.95	0.00002	23.33	0.00002	(03021301)	-6.36
7.78	-7.78	0.00002	20.51	0.00002	(03122124)	-20.51
4.95	-21.92	0.00002	6.36	0.00002	(03052723)	-23.33
2.12	-24.75	0.00002	3.54	0.00002	(03092006)	-26.16
-3.54	-28.28	0.00002	0.00	0.00002	(03021005)	-31.82
-14.14	-35.36	0.00002	-7.07	0.00002	(03091401)	-42.43
-28.28	-49.50	0.00002	-21.21	0.00002	(03112609)	-56.57
-42.43	-63.64	0.00001	-35.36	0.00001	(03010504)	-70.71
-56.57	-77.78	0.00001	-49.50	0.00001	(03121521)	-84.85

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
70.71	63.64	0.00001	(03122118)	56.57

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
56.57	49.50	63.64	0.00001	(03101702)	42.43
42.43	35.36	49.50	0.00002	(03052104)	28.28
28.28	21.21	35.36	0.00002	(03091207)	14.14
21.21	10.61	24.75	0.00002	(03090207)	7.07
17.68	4.95	19.09	0.00002	(03100707)	3.54
14.85	2.12	16.26	0.00002	(03102620)	0.71
0.71	-0.71	13.44	0.00002	(03020220)	-13.44
-2.12	-14.85	-0.71	0.00002	(03011809)	-16.26
-4.95	-17.68	-3.54	0.00002	(03052723)	-19.09
-10.61	-21.21	-7.07	0.00002	(03092006)	-24.75
-21.21	-28.28	-14.14	0.00002	(03050704)	-35.36
-35.36	-42.43	-28.28	0.00002	(03021005)	-49.50
-49.50	-56.57	-42.43	0.00002	(03091401)	-63.64
-63.64	-70.71	-56.57	0.00001	(03051104)	-77.78
63.64	70.71	70.71	0.00001	(03010903)	63.64
49.50	56.57	56.57	0.00002	(03043023)	49.50
35.36	42.43	42.43	0.00002	(03072703)	35.36
21.21	28.28	28.28	0.00002	(03112003)	21.21
14.14	17.68	17.68	0.00002	(03060101)	14.14
10.61	12.02	12.02	0.00002	(03090108)	10.61
7.78	9.19	9.19	0.00002	(03032021)	7.78
-6.36	6.36	6.36	0.00002	(03021822)	-6.36
-9.19	-7.78	-7.78	0.00002	(03011809)	-9.19
-12.02	-10.61	-10.61	0.00002	(03052723)	-12.02
-17.68	-14.14	-14.14	0.00002	(03092006)	-17.68
-28.28	-21.21	-21.21	0.00002	(03050704)	-28.28
-42.43	-35.36	-35.36	0.00002	(03021005)	-42.43
-56.57	-49.50	-49.50	0.00002	(03041604)	-56.57
-70.71	-63.64	-63.64	0.00001	(03110308)	-70.71
56.57	77.78	63.64	0.00001	(0312102)	70.71
42.43	63.64	49.50	0.00002	(03112707)	56.57
49.50	49.50	35.36	0.00002	(03040106)	42.43
			0.00002	(03080705)	
			0.00001	(03122302)	
			0.00001	(03032206)	
			0.00002	(03091206)	
			0.00002	(03122118)	
			0.00002	(03121303)	
			0.00002	(03042303)	

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
28.28	0.00002	(03102802)			
35.36	21.21	0.00002	(03080904)		28.28
14.14	0.00002	(03020821)			
24.75	10.61	0.00002	(03100907)		21.21
7.07	0.00002	(03021902)			
19.09	4.95	0.00002	(03032101)		17.68
3.54	0.00002	(03102620)			
16.26	2.12	0.00002	(03091404)		14.85
0.71	0.00002	(03021301)			
13.44	-0.71	0.00002	(03022121)		0.71
-13.44	0.00002	(03012105)			
-0.71	-14.85	0.00002	(03092006)		-2.12
-16.26	0.00002	(03050704)			
-3.54	-17.68	0.00002	(03050704)		-4.95
-19.09	0.00002	(03021005)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-24.75	-7.07	-21.21	0.00002	(03120221)	-10.61
-35.36	-14.14	-28.28	0.00002	(03052702)	-21.21
-49.50	-28.28	-42.43	0.00002	(03100905)	-35.36
-63.64	-42.43	-56.57	0.00002	(03043023)	-49.50
-77.78	-56.57	-70.71	0.00002	(03050903)	-63.64
49.50	84.85	56.57	0.00002	(03081203)	77.78
35.36	70.71	42.43	0.00002	(03090108)	63.64
21.21	56.57	28.28	0.00002	(03100903)	49.50
7.07	42.43	14.14	0.00002	(03041024)	35.36
0.00	31.82	3.54	0.00002	(03101401)	28.28
-3.54	26.16	-2.12	0.00003	(03031521)	24.75
-6.36	23.33	-4.95	0.00003	(03022203)	21.92
	20.51	-7.78	0.00003	(03062806)	7.78

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-20.51	0.00003	(03052723)			
6.36	-21.92		0.00003	(03092006)	4.95
-23.33	0.00003	(03050704)			
3.54	-24.75		0.00003	(03050704)	2.12
-26.16	0.00003	(03021005)			
0.00	-28.28		0.00003	(03120221)	-3.54
-31.82	0.00002	(03043001)			
-7.07	-35.36		0.00002	(03052702)	-14.14
-42.43	0.00002	(03021009)			
-21.21	-49.50		0.00002	(03021605)	-28.28
-56.57	0.00002	(03080705)			
-35.36	-63.64		0.00002	(03121521)	-42.43
-70.71	0.00002	(03112003)			
-49.50	-77.78		0.00002	(03041506)	-56.57
-84.85	0.00002	(03040505)			
91.92	49.50		0.00002	(03060206)	84.85
42.43	0.00002	(03081504)			
77.78	35.36		0.00002	(03081701)	70.71
28.28	0.00002	(03062701)			
63.64	21.21		0.00002	(03011101)	56.57
14.14	0.00002	(03122604)			
49.50	7.07		0.00002	(03102103)	42.43
0.00	0.00003	(03090207)			
38.89	-3.54		0.00003	(03121704)	35.36
-7.07	0.00003	(03030923)			
33.23	-9.19		0.00003	(03021902)	31.82
-10.61	0.00003	(03100707)			
30.41	-12.02		0.00003	(03102620)	28.99
-13.44	0.00003	(03091404)			
27.58	-14.85		0.00003	(03062806)	14.85
-27.58	0.00003	(03092006)			
13.44	-28.99		0.00003	(03092006)	12.02
-30.41	0.00003	(03050704)			
10.61	-31.82		0.00003	(03021005)	9.19
-33.23	0.00003	(03120221)			
7.07	-35.36		0.00003	(03041604)	3.54
-38.89	0.00003	(03110308)			
0.00	-42.43		0.00003	(03102106)	-7.07
-49.50	0.00002	(03051104)			
-14.14	-56.57		0.00002	(03040106)	-21.21
-63.64	0.00002	(03043023)			
-28.28	-70.71		0.00002	(03072703)	-35.36
-77.78	0.00002	(03050903)			
-42.43	-84.85		0.00002	(03040505)	-49.50
-91.92	0.00002	(03080105)			
98.99	42.43		0.00002	(03041503)	91.92
35.36	0.00002	(03062804)			
84.85	28.28		0.00002	(03070407)	77.78
21.21	0.00002	(03053104)			
70.71	14.14		0.00002	(03011304)	63.64
7.07	0.00002	(03052104)			
56.57	0.00		0.00003	(03072806)	49.50
-7.07	0.00003	(03041806)			
45.96	-10.61		0.00003	(03080704)	42.43
-14.14	0.00003	(03100907)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Direction  
 \*\*MODELOPTS:

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
-17.68	40.31	0.00003 (03031521)	38.89
-20.51	37.48	0.00003 (03022203)	36.06
-34.65	34.65	0.00003 (03092006)	21.92
-37.48	20.51	0.00003 (03050704)	19.09
-40.31	17.68	0.00003 (03120221)	16.26
-45.96	14.14	0.00003 (03052702)	10.61
-56.57	7.07	0.00003 (03100905)	0.00
-70.71	-7.07	0.00002 (03013007)	-14.14
-84.85	-21.21	0.00002 (03120708)	-28.28
-98.99	-35.36	0.00002 (03101204)	-42.43
28.28	106.07	0.00002 (03102303)	98.99
14.14	91.92	0.00002 (03060101)	84.85
0.00	77.78	0.00003 (03030622)	70.71
-14.14	63.64	0.00003 (03102824)	56.57
-21.21	53.03	0.00003 (03033103)	49.50
-24.75	47.38	0.00004 (03021902)	45.96
-27.58	44.55	0.00004 (03102620)	43.13
-41.72	41.72	0.00004 (03092006)	28.99
-44.55	27.58	0.00004 (03050704)	26.16
-47.38	24.75	0.00004 (03021005)	23.33
-53.03	21.21	0.00003 (03041604)	17.68
-63.64	14.14	0.00003 (03102106)	7.07
-77.78	0.00	0.00003 (03052806)	-7.07
-91.92	-14.14	0.00002 (03072703)	-21.21
		0.00002 (03043001)	
		0.00003 (03043001)	
		0.00003 (03052707)	
		0.00003 (03043023)	
		0.00002 (03032206)	

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
-106.07	-28.28	0.00002	(03012602)	0.00002	(03111520)	-35.36
21.21	113.14	0.00002	(03041501)	0.00002	(03101607)	106.07
7.07	98.99	0.00002	(03081504)	0.00002	(03051022)	91.92
-7.07	84.85	0.00003	(03090106)	0.00003	(03031903)	77.78
-21.21	70.71	0.00004	(03042305)	0.00003	(03101224)	63.64
-28.28	60.10	0.00004	(03020821)	0.00004	(03041806)	56.57
-31.82	54.45	0.00004	(03121120)	0.00004	(03100907)	53.03
-34.65	51.62	0.00004	(03011323)	0.00004	(03031521)	50.20
-48.79	48.79	0.00004	(03050704)	0.00004	(03091404)	36.06
-51.62	34.65	0.00004	(03021005)	0.00004	(03021005)	33.23
-54.45	31.82	0.00004	(03091401)	0.00004	(03120221)	30.41
-60.10	28.28	0.00004	(03012102)	0.00004	(03110308)	24.75
-70.71	21.21	0.00003	(03010504)	0.00004	(03051104)	14.14
-84.85	7.07	0.00002	(03112003)	0.00003	(03013007)	0.00
-98.99	-7.07	0.00002	(03010320)	0.00002	(03040505)	-14.14
-113.14	-21.21	0.00002	(03010701)	0.00002	(03022501)	-28.28

1 \*\*\* IS CST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
14.14	120.21	0.00002	(03032401)	113.14	
0.00	106.07	0.00002	(03010902)	98.99	
-14.14	91.92	0.00003	(03011723)	84.85	
-28.28	77.78	0.00003	(03013107)	70.71	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

67.18	-31.82	0.00004	(03102824)	63.64
-35.36	0.00004	(03011823)		
61.52	-37.48	0.00004	(03042301)	60.10
-38.89	0.00005	(03100907)		
58.69	-40.31	0.00005	(03040504)	57.28
-41.72	0.00005	(03031521)		
55.86	-43.13	0.00005	(03102620)	43.13
-55.86	0.00005	(03050704)		
41.72	-57.28	0.00005	(03021005)	40.31
-58.69	0.00005	(03120221)		
38.89	-60.10	0.00005	(03102124)	37.48
-61.52	0.00004	(03110308)		
35.36	-63.64	0.00004	(03092302)	31.82
-67.18	0.00004	(03052707)		
28.28	-70.71	0.00004	(03010106)	21.21
-77.78	0.00003	(03080705)		
14.14	-84.85	0.00003	(03072703)	7.07
-91.92	0.00003	(03120708)		
0.00	-98.99	0.00002	(03111123)	-7.07
-106.07	0.00002	(03022501)		
-14.14	-113.14	0.00002	(03101407)	-21.21
-120.21	0.00002	(03111206)		
127.28	14.14	0.00002	(03050502)	120.21
7.07	0.00002	(03082224)		
113.14	0.00	0.00002	(03121507)	106.07
-7.07	0.00002	(03101305)		
98.99	-14.14	0.00003	(03081203)	91.92
-21.21	0.00003	(03040603)		
84.85	-28.28	0.00003	(03101124)	77.78
-35.36	0.00004	(03112808)		
74.25	-38.89	0.00004	(03102103)	70.71
-42.43	0.00005	(03041806)		
68.59	-44.55	0.00005	(03080704)	67.18
-45.96	0.00005	(03042301)		
65.76	-47.38	0.00005	(03060105)	64.35
-48.79	0.00005	(03021902)		
62.93	-50.20	0.00005	(03032101)	50.20
-62.93	0.00005	(03021005)		
48.79	-64.35	0.00005	(03120221)	47.38
-65.76	0.00005	(03102124)		
45.96	-67.18	0.00005	(03043001)	44.55
-68.59	0.00005	(03052702)		
42.43	-70.71	0.00005	(03012102)	38.89
-74.25	0.00004	(03112707)		
35.36	-77.78	0.00004	(03021502)	28.28
-84.85	0.00003	(03013007)		
21.21	-91.92	0.00003	(03050903)	14.14
-98.99	0.00003	(03040505)		
7.07	-106.07	0.00002	(03101204)	0.00
-113.14	0.00002	(03101407)		
-7.07	-120.21	0.00002	(03111206)	-14.14
-127.28	0.00002	(03101306)		
134.35	7.07	0.00002	(03100904)	127.28
0.00	0.00002	(03050502)		
120.21	-7.07	0.00002	(03082302)	113.14
-14.14	0.00002	(03021204)		
106.07	-21.21	0.00003	(03052706)	98.99
-28.28	0.00003	(03070304)		
91.92	-35.36	0.00003	(03062701)	84.85
-42.43	0.00004	(03082301)		
81.32	-45.96	0.00005	(03110701)	77.78
-49.50	0.00005	(03102824)		
75.66	-51.62	0.00005	(03052823)	74.25

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-53.03	0.00006	(03080704)			
72.83	-54.45		0.00006	(03042301)	71.42
-55.86	0.00006	(03030923)			
70.00	-57.28		0.00006	(03031521)	57.28
-70.00	0.00006	(03021005)			
55.86	-71.42		0.00006	(03041604)	54.45
-72.83	0.00006	(03043001)			
53.03	-74.25		0.00006	(03052702)	51.62
-75.66	0.00005	(03012102)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 36  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-81.32	49.50	0.00005	(03031902)	45.96
-91.92	42.43	0.00004	(03041524)	35.36
-106.07	28.28	0.00003	(03120708)	21.21
-120.21	14.14	0.00002	(03102606)	7.07
-134.35	0.00	0.00002	(03101306)	-7.07
-7.07	141.42	0.00002	(03101222)	134.35
-21.21	127.28	0.00002	(03020522)	120.21
-35.36	113.14	0.00003	(03041503)	106.07
-49.50	98.99	0.00003	(03090123)	91.92
-56.57	88.39	0.00005	(03051303)	84.85
-60.10	82.73	0.00006	(03102824)	81.32
-62.93	79.90	0.00006	(03080704)	78.49
-77.07	77.07	0.00007	(03021606)	64.35
-79.90	62.93	0.00007	(03043001)	61.52
-82.73	60.10	0.00006	(03012102)	58.69
	56.57	0.00005	(03112707)	53.03

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-88.39	0.00005	(03040106)			
49.50	-91.92		0.00004	(03043023)	42.43
-98.99	0.00003	(03112003)			
35.36	-106.07		0.00003	(03040505)	28.28
-113.14	0.00003	(03101204)			
21.21	-120.21		0.00002	(03010701)	14.14
-127.28	0.00002	(03031705)			
7.07	-134.35		0.00002	(03111019)	0.00
-141.42	0.00002	(03032306)			
148.49	-7.07		0.00002	(03060106)	141.42
-14.14	0.00002	(03060204)			
134.35	-21.21		0.00002	(03091705)	127.28
-28.28	0.00002	(03032401)			
120.21	-35.36		0.00002	(03052624)	113.14
-42.43	0.00003	(03091924)			
106.07	-49.50		0.00003	(03062424)	98.99
-56.57	0.00004	(03101702)			
95.46	-60.10		0.00005	(03082301)	91.92
-63.64	0.00005	(03051504)			
89.80	-65.76		0.00006	(03042305)	88.39
-67.18	0.00006	(03102824)			
86.97	-68.59		0.00006	(03052823)	85.56
-70.00	0.00007	(03080704)			
84.15	-71.42		0.00007	(03100907)	71.42
-84.15	0.00007	(03091401)			
70.00	-85.56		0.00007	(03052702)	68.59
-86.97	0.00006	(03012102)			
67.18	-88.39		0.00006	(03052707)	65.76
-89.80	0.00006	(03051104)			
63.64	-91.92		0.00005	(03091205)	60.10
-95.46	0.00005	(03041524)			
56.57	-98.99		0.00004	(03043023)	49.50
-106.07	0.00003	(03050903)			
42.43	-113.14		0.00003	(03111123)	35.36
-120.21	0.00002	(03102606)			
28.28	-127.28		0.00002	(03061307)	21.21
-134.35	0.00002	(03101306)			
14.14	-141.42		0.00002	(03032306)	7.07
-148.49	0.00002	(03032104)			
155.56	-14.14		0.00002	(03021824)	148.49
-21.21	0.00002	(03021403)			
141.42	-28.28		0.00002	(03041102)	134.35
-35.36	0.00002	(03101522)			
127.28	-42.43		0.00002	(03101607)	120.21
-49.50	0.00003	(03012208)			
113.14	-56.57		0.00003	(03070407)	106.07
-63.64	0.00004	(03033101)			
102.53	-67.18		0.00004	(03011002)	98.99
-70.71	0.00005	(03061505)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

14:51:37

Direction

\*\*MODELOPTS:

PAGE 37

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3	
		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
-74.25	96.87	0.00005	(03030721)		95.46
-77.07	94.05	0.00006	(03021103)		92.63
-91.22	91.22	0.00007	(03121704)		78.49
-94.05	77.07	0.00007	(03102106)		75.66
-96.87	74.25	0.00006	(03040105)		72.83
-102.53	70.71	0.00005	(03052806)		67.18
-113.14	63.64	0.00004	(03112001)		56.57
-127.28	49.50	0.00003	(03101204)		42.43
-141.42	35.36	0.00002	(03121122)		28.28
-155.56	21.21	0.00002	(03032104)		14.14
-28.28	162.63	0.00002	(03122603)		155.56
-42.43	148.49	0.00002	(03120106)		141.42
-56.57	134.35	0.00002	(03091322)		127.28
-70.71	120.21	0.00003	(03081203)		113.14
-77.78	109.60	0.00004	(03121303)		106.07
-81.32	103.94	0.00005	(03090203)		102.53
-84.15	101.12	0.00006	(03102824)		99.70
-98.29	98.29	0.00006	(03052823)		99.70
-101.12	84.15	0.00007	(03080704)		85.56
-103.94	81.32	0.00007	(03052702)		82.73
-109.60	77.78	0.00006	(03012102)		82.73
-120.21	70.71	0.00006	(03052707)		79.90
-134.35	56.57	0.00005	(03051104)		79.90
-148.49	42.43	0.00005	(03100905)		74.25
-162.63	28.28	0.00004	(03010504)		74.25
-35.36	169.71	0.00004	(03043023)		70.71
-49.50	155.56	0.00004	(03050507)		63.64
		0.00003	(03040505)		63.64
		0.00003	(03012602)		49.50
		0.00002	(03111206)		49.50
		0.00002	(03020222)		35.36
		0.00002	(03020408)		35.36
		0.00002	(03040624)		21.21
		0.00002	(03032106)		21.21
		0.00002	(03012823)		162.63
		0.00002	(03052303)		162.63
		0.00002	(03042001)		148.49
		0.00002	(03091708)		148.49

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-63.64	141.42	-56.57	0.00002	(03091705)	134.35
-77.78	127.28	-70.71	0.00003	(03051022)	120.21
-84.85	116.67	-81.32	0.00004	(03012506)	113.14
-88.39	111.02	-86.97	0.00005	(03112808)	109.60
-91.22	108.19	-89.80	0.00006	(03041024)	106.77
-105.36	105.36	-92.63	0.00007	(03011823)	92.63
-108.19	91.22	-106.77	0.00006	(03082206)	89.80
-111.02	88.39	-109.60	0.00005	(03010106)	86.97
-116.67	84.85	-113.14	0.00004	(03050106)	81.32
-127.28	77.78	-120.21	0.00003	(03050903)	70.71
-141.42	63.64	-134.35	0.00003	(03010701)	56.57
-155.56	49.50	-148.49	0.00002	(03122201)	42.43
-169.71	35.36	-162.63	0.00002	(03032106)	28.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 38  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

***					
** CONC OF OTHER IN MICROGRAMS/M**3					
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	CONC	(YYMMDDHH)	X-COORD (M)
-42.43	176.78	-35.36	0.00002	(03091202)	169.71
-56.57	162.63	-49.50	0.00002	(03052303)	155.56
-70.71	148.49	-63.64	0.00002	(03060204)	141.42
-84.85	134.35	-77.78	0.00003	(03041501)	127.28
-91.92	123.74	-88.39	0.00004	(03101501)	120.21
-95.46	118.09	-94.05	0.00004	(03042303)	116.67
-98.29	115.26	-96.87	0.00005	(03031602)	113.84
		(03102824)	0.00006		

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
	112.43	-99.70	0.00006	(03090207)	99.70
-112.43		0.00006	(03030103)		
	98.29	-113.84	0.00006	(03112609)	96.87
-115.26		0.00005	(03112707)		
	95.46	-116.67	0.00005	(03021605)	94.05
-118.09		0.00004	(03010504)		
	91.92	-120.21	0.00004	(03043023)	88.39
-123.74		0.00004	(03050507)		
	84.85	-127.28	0.00003	(03120708)	77.78
-134.35		0.00003	(03012602)		
	70.71	-141.42	0.00002	(03121122)	63.64
-148.49		0.00002	(03032306)		
	56.57	-155.56	0.00002	(03040624)	49.50
-162.63		0.00002	(03032106)		
	42.43	-169.71	0.00002	(03021607)	35.36
-176.78		0.00002	(03010822)		
	183.85	-42.43	0.00002	(03031523)	176.78
-49.50		0.00002	(03040107)		
	169.71	-56.57	0.00002	(03072601)	162.63
-63.64		0.00002	(03122603)		
	155.56	-70.71	0.00002	(03042624)	148.49
-77.78		0.00002	(03122709)		
	141.42	-84.85	0.00003	(03010924)	134.35
-91.92		0.00003	(03091924)		
	130.81	-95.46	0.00003	(03040507)	127.28
-98.99		0.00004	(03012506)		
	125.16	-101.12	0.00004	(03012021)	123.74
-102.53		0.00004	(03101224)		
	122.33	-103.94	0.00005	(03091207)	120.92
-105.36		0.00005	(03102208)		
	119.50	-106.77	0.00006	(03021103)	106.77
-119.50		0.00006	(03082206)		
	105.36	-120.92	0.00005	(03051104)	103.94
-122.33		0.00005	(03041023)		
	102.53	-123.74	0.00004	(03010504)	101.12
-125.16		0.00004	(03080705)		
	98.99	-127.28	0.00004	(03112001)	95.46
-130.81		0.00003	(03032206)		
	91.92	-134.35	0.00003	(03111123)	84.85
-141.42		0.00003	(03072904)		
	77.78	-148.49	0.00002	(03020222)	70.71
-155.56		0.00002	(03040624)		
	63.64	-162.63	0.00002	(03032106)	56.57
-169.71		0.00002	(03101801)		
	49.50	-176.78	0.00002	(03010822)	42.43
-183.85		0.00002	(03111306)		
	190.92	-49.50	0.00002	(03012907)	183.85
-56.57		0.00002	(03071105)		
	176.78	-63.64	0.00002	(03013106)	169.71
-70.71		0.00002	(03111518)		
	162.63	-77.78	0.00002	(03052303)	155.56
-84.85		0.00002	(03062202)		
	148.49	-91.92	0.00002	(03091705)	141.42
-98.99		0.00003	(03041501)		
	137.89	-102.53	0.00003	(03111403)	134.35
-106.07		0.00003	(03111804)		
	132.23	-108.19	0.00004	(03012506)	130.81
-109.60		0.00004	(03051001)		
	129.40	-111.02	0.00004	(03042303)	127.99
-112.43		0.00004	(03110701)		
	126.57	-113.84	0.00005	(03041024)	113.84
-126.57		0.00005	(03040105)		
	112.43	-127.99	0.00004	(03041023)	111.02

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 -129.40 0.00004 (03011102)  
 109.60 -130.81 0.00004 (03043023) 108.19  
 -132.23 0.00004 (03112703)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound

Direction  
 \*\*MODELOPTs:

\*\*\* 14:51:37

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-137.89	106.07	-134.35	(03111123)	0.00003	(03112003)	102.53
-148.49	98.99	-141.42	(03101306)	0.00003	(03031009)	91.92
-162.63	84.85	-155.56	(03032106)	0.00002	(03110919)	77.78
-176.78	70.71	-169.71	(03021609)	0.00002	(03011906)	63.64
-190.92	56.57	-183.85	(03110304)	0.00002	(03120102)	49.50
-63.64	197.99	-56.57	(03021322)	0.00002	(03051301)	190.92
-77.78	183.85	-70.71	(03111902)	0.00002	(03020605)	176.78
-91.92	169.71	-84.85	(03122603)	0.00002	(03041005)	162.63
-106.07	155.56	-98.99	(03120524)	0.00002	(03120106)	148.49
-113.14	144.96	-109.60	(03110123)	0.00003	(03080907)	141.42
-116.67	139.30	-115.26	(03062701)	0.00003	(03040603)	137.89
-119.50	136.47	-118.09	(03041407)	0.00003	(03122507)	135.06
-133.64	133.64	-120.92	(03091205)	0.00004	(03111103)	120.92
-136.47	119.50	-135.06	(03121520)	0.00004	(03041524)	118.09
-139.30	116.67	-137.89	(03121422)	0.00003	(03112804)	115.26
-144.96	113.14	-141.42	(03011622)	0.00003	(03030503)	109.60
-155.56	106.07	-148.49	(03021020)	0.00002	(03112006)	98.99
-169.71	91.92	-162.63	(03120101)	0.00002	(03032106)	84.85
	77.78	-176.78		0.00002	(03112409)	70.71

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-183.85	63.64	0.00002	(03102706)	0.00002	(03110406)	56.57
-197.99	205.06	0.00002	(03021409)	0.00002	(03091706)	197.99
-70.71	190.92	0.00002	(03092005)	0.00002	(03080806)	183.85
-84.85	176.78	0.00002	(03071707)	0.00002	(03031004)	169.71
-98.99	162.63	0.00002	(03022101)	0.00002	(03091001)	155.56
-113.14	152.03	0.00003	(03011305)	0.00003	(03042502)	148.49
-120.21	146.37	0.00003	(03081922)	0.00004	(03042501)	144.96
-123.74	143.54	0.00004	(03031007)	0.00004	(03090706)	142.13
-126.57	140.71	0.00004	(03030501)	0.00005	(03042424)	127.99
-140.71	126.57	0.00005	(03042003)	0.00004	(03020904)	125.16
-143.54	123.74	0.00004	(03122504)	0.00004	(03112403)	122.33
-146.37	120.21	0.00004	(03121523)	0.00003	(03091104)	116.67
-152.03	113.14	0.00003	(03030706)	0.00003	(03030502)	106.07
-162.63	98.99	0.00002	(03022806)	0.00002	(03111301)	91.92
-176.78	84.85	0.00002	(03011008)	0.00002	(03010621)	77.78
-190.92	70.71	0.00002	(03122120)	0.00002	(03021901)	63.64
-205.06	212.13	0.00002	(03120405)	0.00002	(03020305)	205.06
-77.78	197.99	0.00002	(03020606)	0.00002	(03020808)	190.92
-91.92	183.85	0.00002	(03031004)	0.00002	(03021803)	176.78
-106.07	169.71	0.00002	(03081006)	0.00003	(03051307)	162.63
-120.21	159.10	0.00003	(03111207)	0.00003	(03091307)	155.56
-127.28		0.00004	(03042501)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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 (YMMDDHH) X-COORD (M)

Y-COORD (M)	02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED		CONC	(YYMMDDHH)	
-130.81	153.44	-129.40	0.00004	(03011704)	152.03
-133.64	150.61	-132.23	0.00004	(03111706)	
-147.79	147.79	-135.06	0.00005	(03030109)	149.20
-150.61	133.64	-149.20	0.00006	(03021708)	135.06
-153.44	130.81	-152.03	0.00005	(03010704)	132.23
-159.10	127.28	-155.56	0.00004	(03010104)	129.40
-169.71	120.21	-162.63	0.00004	(03022308)	123.74
-183.85	106.07	-176.78	0.00003	(03091201)	113.14
-197.99	91.92	-190.92	0.00003	(03012307)	113.14
-212.13	77.78	-205.06	0.00002	(03042004)	98.99
-219.20	219.20	-77.78	0.00002	(03051006)	84.85
-84.85	205.06	-91.92	0.00002	(03011008)	84.85
-98.99	190.92	-106.07	0.00002	(03010423)	
-113.14	176.78	-120.21	0.00002	(03070307)	70.71
-127.28	166.17	-130.81	0.00002	(03102201)	212.13
-134.35	160.51	-136.47	0.00002	(03072603)	
-137.89	157.68	-139.30	0.00002	(03030207)	197.99
-140.71	154.86	-142.13	0.00002	(03092707)	
-154.86	140.71	-156.27	0.00002	(03012108)	183.85
-157.68	137.89	-159.10	0.00002	(03012108)	183.85
-160.51	134.35	-162.63	0.00003	(03012108)	183.85
-166.17	127.28	-169.71	0.00003	(03120402)	
-176.78	113.14	-183.85	0.00003	(03011305)	169.71
-190.92	98.99	-197.99	0.00003	(03121723)	
-205.06	84.85	-212.13	0.00004	(03071906)	162.63
-219.20	226.27	-84.85	0.00004	(03031007)	
-91.92	212.13	-98.99	0.00004	(03031007)	159.10
-106.07	197.99	-113.14	0.00005	(03080804)	
-120.21	183.85	-127.28	0.00005	(03122704)	156.27
-134.35	173.24	-137.89	0.00006	(03101703)	142.13
-141.42	154.86	-142.13	0.00006	(03032407)	142.13
	140.71	-156.27	0.00006	(03021708)	135.06
	137.89	-159.10	0.00006	(03062705)	139.30
	134.35	-162.63	0.00005	(03020724)	136.47
	127.28	-169.71	0.00005	(03030904)	136.47
	113.14	-183.85	0.00004	(03111609)	130.81
	98.99	-197.99	0.00004	(03101705)	130.81
	84.85	-212.13	0.00003	(03010705)	120.21
	226.27	-84.85	0.00003	(03030502)	120.21
	212.13	-98.99	0.00002	(03101403)	106.07
	197.99	-113.14	0.00002	(03101403)	106.07
	183.85	-127.28	0.00002	(03121703)	91.92
	173.24	-137.89	0.00002	(03011008)	91.92
	154.86	-142.13	0.00002	(03011008)	84.85
	140.71	-156.27	0.00002	(03012505)	77.78
	137.89	-159.10	0.00002	(03030603)	
	134.35	-162.63	0.00002	(03072603)	219.20
	127.28	-169.71	0.00002	(03030207)	
	113.14	-183.85	0.00002	(03051824)	205.06
	98.99	-197.99	0.00002	(03110423)	
	84.85	-212.13	0.00002	(03050306)	190.92
	226.27	-84.85	0.00003	(03051307)	
	212.13	-98.99	0.00003	(03051307)	
	197.99	-113.14	0.00003	(03030402)	176.78
	183.85	-127.28	0.00003	(03030402)	176.78
	173.24	-137.89	0.00004	(03042503)	169.71
	154.86	-142.13	0.00004	(03030524)	

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-144.96	167.58	-143.54	0.00005	(03092307)	166.17
		(03101524)			
-147.79	164.76	-146.37	0.00006	(03012503)	163.34
		(03021708)			
-161.93	161.93	-149.20	0.00007	(03102708)	149.20
		(03032903)			
-164.76	147.79	-163.34	0.00006	(03121806)	146.37
		(03042003)			
-167.58	144.96	-166.17	0.00005	(03051905)	143.54
		(03022503)			
-173.24	141.42	-169.71	0.00004	(03021207)	137.89
		(03111104)			
-183.85	134.35	-176.78	0.00004	(03121422)	127.28
		(03010620)			
-197.99	120.21	-190.92	0.00003	(03012307)	113.14
		(03022806)			
-212.13	106.07	-205.06	0.00002	(03011423)	98.99
		(03092604)			
-226.27	91.92	-219.20	0.00002	(03011008)	84.85
		(03012505)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 41  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-98.99	233.35	-91.92	0.00002 (03100806)	226.27
		(03051824)		
-113.14	219.20	-106.07	0.00002 (03010803)	212.13
		(03090605)		
-127.28	205.06	-120.21	0.00002 (03051603)	197.99
		(03112422)		
-141.42	190.92	-134.35	0.00003 (03111723)	183.85
		(03012322)		
-148.49	180.31	-144.96	0.00004 (03102001)	176.78
		(03112507)		
-152.03	174.66	-150.61	0.00005 (03090206)	173.24
		(03091204)		
-154.86	171.83	-153.44	0.00006 (03112404)	170.41
		(03032407)		
-169.00	169.00	-156.27	0.00007 (03010908)	156.27
		(03102721)		
-171.83	154.86	-170.41	0.00006 (03030804)	153.44
		(03120324)		
-174.66	152.03	-173.24	0.00006 (03010704)	150.61
		(03012023)		

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-180.31	148.49	-176.78	0.00005	(03010104)	144.96
		0.00004 (03031006)			
-190.92	141.42	-183.85	0.00004	(03010802)	134.35
		0.00003 (03021903)			
-205.06	127.28	-197.99	0.00003	(03011622)	120.21
		0.00002 (03122809)			
-219.20	113.14	-212.13	0.00002	(03032002)	106.07
		0.00002 (03021020)			
-233.35	98.99	-226.27	0.00002	(03011805)	91.92
		0.00002 (03011008)			
-106.07	240.42	-98.99	0.00002	(03122802)	233.35
		0.00002 (03040805)			
-120.21	226.27	-113.14	0.00002	(03081003)	219.20
		0.00002 (03111923)			
-134.35	212.13	-127.28	0.00002	(03021224)	205.06
		0.00003 (03112402)			
-148.49	197.99	-141.42	0.00003	(03121723)	190.92
		0.00004 (03050107)			
-155.56	187.38	-152.03	0.00004	(03081004)	183.85
		0.00005 (03012806)			
-159.10	181.73	-157.68	0.00005	(03090206)	180.31
		0.00006 (03042424)			
-161.93	178.90	-160.51	0.00006	(03021708)	177.48
		0.00007 (03110601)			
-176.07	176.07	-163.34	0.00007	(03031005)	163.34
		0.00007 (03082104)			
-178.90	161.93	-177.48	0.00007	(03022722)	160.51
		0.00006 (03010905)			
-181.73	159.10	-180.31	0.00006	(03042003)	157.68
		0.00005 (03102603)			
-187.38	155.56	-183.85	0.00005	(03100306)	152.03
		0.00004 (03120421)			
-197.99	148.49	-190.92	0.00004	(03122703)	141.42
		0.00003 (03091306)			
-212.13	134.35	-205.06	0.00003	(03102003)	127.28
		0.00002 (03031606)			
-226.27	120.21	-219.20	0.00002	(03112502)	113.14
		0.00002 (03092204)			
-240.42	106.07	-233.35	0.00002	(03120503)	98.99
		0.00002 (03011805)			
-113.14	247.49	-106.07	0.00002	(03040805)	240.42
		0.00002 (03012108)			
-127.28	233.35	-120.21	0.00002	(03050306)	226.27
		0.00002 (03111908)			
-141.42	219.20	-134.35	0.00002	(03030703)	212.13
		0.00003 (03111207)			
-155.56	205.06	-148.49	0.00003	(03031624)	197.99
		0.00004 (03122507)			
-162.63	194.45	-159.10	0.00005	(03022122)	190.92
		0.00005 (03030501)			
-166.17	188.80	-164.76	0.00006	(03012503)	187.38
		0.00006 (03112404)			
-169.00	185.97	-167.58	0.00006	(03032407)	184.55
		0.00007 (03010908)			
-183.14	183.14	-170.41	0.00007	(03121803)	170.41
		0.00007 (03112805)			
-185.97	169.00	-184.55	0.00007	(03102721)	167.58
		0.00006 (03030804)			
-188.80	166.17	-187.38	0.00006	(03120324)	164.76
		0.00006 (03110604)			

Di recti on \*\*\* 14: 51: 37

\*\*MODELOPTs:

CONC PAGE 42  
URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-194.45	162.63	-190.92	(03021207)	0.00005	(03101924)	159.10
-205.06	155.56	-197.99	(03040801)	0.00004	(03031006)	148.49
-219.20	141.42	-212.13	(03030607)	0.00003	(03110207)	134.35
-233.35	127.28	-226.27	(03121608)	0.00002	(03112006)	120.21
-247.49	113.14	-240.42	(03021804)	0.00002	(03010109)	106.07

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

Di recti on \*\*\* 14: 51: 37

\*\*MODELOPTs:

CONC PAGE 43  
URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
240.42	-106.07	247.49	(03041024)	0.00001	(03031602)	-113.14
226.27	-120.21	233.35	(03011823)	0.00001	(03021103)	-127.28
212.13	-134.35	219.20	(03060105)	0.00001	(03121704)	-141.42
197.99	-148.49	205.06	(03022203)	0.00001	(03031521)	-155.56
190.92	-159.10	194.45	(03062806)	0.00001	(03033007)	-162.63

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
187.38	-164.76	0.00001	188.80	(03011809)	-166.17
			(03122124)		
184.55	-167.58	0.00001	185.97	(03052005)	-169.00
			(03010804)		
170.41	-170.41	0.00001	183.14	(03122021)	-183.14
			(03102402)		
167.58	-184.55	0.00001	169.00	(03050702)	-185.97
			(03050702)		
164.76	-187.38	0.00001	166.17	(03121508)	-188.80
			(03112523)		
159.10	-190.92	0.00001	162.63	(03052723)	-194.45
			(03092006)		
148.49	-197.99	0.00001	155.56	(03050704)	-205.06
			(03021005)		
134.35	-212.13	0.00001	141.42	(03041604)	-219.20
			(03110308)		
120.21	-226.27	0.00001	127.28	(03092302)	-233.35
			(03082206)		
106.07	-240.42	0.00001	113.14	(03021009)	-247.49
			(03112707)		
233.35	-98.99	0.00001	240.42	(03072806)	-106.07
			(03041024)		
219.20	-113.14	0.00001	226.27	(03021103)	-120.21
			(03090207)		
205.06	-127.28	0.00001	212.13	(03082007)	-134.35
			(03060105)		
190.92	-141.42	0.00001	197.99	(03021902)	-148.49
			(03102620)		
183.85	-152.03	0.00001	187.38	(03033007)	-155.56
			(03062806)		
180.31	-157.68	0.00001	181.73	(03011809)	-159.10
			(03122124)		
177.48	-160.51	0.00001	178.90	(03102504)	-161.93
			(03010804)		
163.34	-163.34	0.00001	176.07	(03122021)	-176.07
			(03102402)		
160.51	-177.48	0.00001	161.93	(03050702)	-178.90
			(03121508)		
157.68	-180.31	0.00001	159.10	(03112523)	-181.73
			(03012105)		
152.03	-183.85	0.00001	155.56	(03052723)	-187.38
			(03092006)		
141.42	-190.92	0.00001	148.49	(03050704)	-197.99
			(03120221)		
127.28	-205.06	0.00001	134.35	(03102124)	-212.13
			(03110308)		
113.14	-219.20	0.00001	120.21	(03102106)	-226.27
			(03041807)		
98.99	-233.35	0.00001	106.07	(03040105)	-240.42
			(03010106)		
226.27	-91.92	0.00001	233.35	(03090203)	-98.99
			(03102208)		
212.13	-106.07	0.00001	219.20	(03102824)	-113.14
			(03090207)		
197.99	-120.21	0.00001	205.06	(03020821)	-127.28
			(03100907)		
183.85	-134.35	0.00001	190.92	(03021902)	-141.42
			(03102620)		
176.78	-144.96	0.00001	180.31	(03091404)	-148.49
			(03062806)		
173.24	-150.61	0.00001	174.66	(03022121)	-152.03
			(03122124)		
	-153.44	0.00001	171.83	(03102504)	-154.86

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

170.41	0.00001	(03010804)			
-156.27	169.00	0.00001	(03010804)		-169.00
156.27	0.00001	(03102402)			
-170.41	154.86	0.00001	(03050702)		-171.83
153.44	0.00001	(03121508)			
-173.24	152.03	0.00001	(03112523)		-174.66
150.61	0.00001	(03012105)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

PAGE 44  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YMMDDHH)				
-176.78	148.49	0.00001	(03052723)			-180.31
144.96	0.00001	(03092006)				
-183.85	141.42	0.00001	(03050704)			-190.92
134.35	0.00001	(03120221)				
-197.99	127.28	0.00001	(03091401)			-205.06
120.21	0.00001	(03052702)				
-212.13	113.14	0.00001	(03030103)			-219.20
106.07	0.00001	(03052707)				
-226.27	99.00	0.00001	(03051104)			-233.35
91.92	0.00001	(03100905)				
-84.85	226.27	0.00001	(03091207)			-91.92
219.20	0.00001	(03031602)				
-98.99	212.13	0.00001	(03102824)			-106.07
205.06	0.00001	(03041806)				
-113.14	197.99	0.00001	(03080704)			-120.21
190.92	0.00001	(03101401)				
-127.28	183.85	0.00001	(03040504)			-134.35
176.78	0.00001	(03020607)				
-137.89	173.24	0.00001	(03091404)			-141.42
169.71	0.00001	(03021301)				
-143.54	167.58	0.00001	(03022121)			-144.96
166.17	0.00001	(03011809)				
-146.37	164.76	0.00001	(03122707)			-147.79
163.34	0.00001	(03010804)				
-149.20	161.93	0.00001	(03010804)			-161.93
149.20	0.00001	(03102402)				
-163.34	147.79	0.00001	(03050702)			-164.76
146.37	0.00001	(03121508)				
-166.17	144.96	0.00001	(03112523)			-167.58
143.54	0.00001	(03012105)				
-169.71	141.42	0.00001	(03092006)			-173.24
137.89	0.00001	(03050704)				
-176.78	134.35	0.00001	(03050704)			-183.85

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

127.28	0.00001	(03120221)			
-190.92		120.21	0.00001	(03091401)	-197.99
113.14	0.00001	(03052702)			
-205.06		106.07	0.00001	(03012102)	-212.13
99.00	0.00001	(03112609)			
-219.20		91.92	0.00001	(03112707)	-226.27
84.85	0.00001	(03030102)			
-77.78		219.20	0.00001	(03112808)	-84.85
212.13	0.00001	(03072806)			
-91.92		205.06	0.00001	(03041024)	-98.99
197.99	0.00001	(03021103)			
-106.07		190.92	0.00001	(03011823)	-113.14
183.85	0.00001	(03033103)			
-120.21		176.78	0.00001	(03040602)	-127.28
169.71	0.00001	(03011323)			
-130.81		166.17	0.00001	(03022203)	-134.35
162.63	0.00001	(03021301)			
-136.47		160.51	0.00001	(03022121)	-137.89
159.10	0.00001	(03011809)			
-139.30		157.68	0.00001	(03122124)	-140.71
156.27	0.00001	(03052005)			
-142.13		154.86	0.00001	(03010804)	-154.86
142.13	0.00001	(03102402)			
-156.27		140.71	0.00001	(03050702)	-157.68
139.30	0.00001	(03121508)			
-159.10		137.89	0.00001	(03012105)	-160.51
136.47	0.00001	(03052723)			
-162.63		134.35	0.00001	(03092006)	-166.17
130.81	0.00001	(03050704)			
-169.71		127.28	0.00001	(03021005)	-176.78
120.21	0.00001	(03120221)			
-183.85		113.14	0.00001	(03043001)	-190.92
106.07	0.00001	(03092302)			
-197.99		99.00	0.00001	(03082206)	-205.06
91.92	0.00001	(03030924)			
-212.13		84.85	0.00001	(03010106)	-219.20
77.78	0.00001	(03021502)			
-70.71		212.13	0.00001	(03090105)	-77.78
205.06	0.00001	(03050202)			
-84.85		197.99	0.00001	(03042305)	-91.92
190.92	0.00001	(03021103)			
-98.99		183.85	0.00001	(03011823)	-106.07
176.78	0.00001	(03042301)			
-113.14		169.71	0.00001	(03121120)	-120.21
162.63	0.00001	(03032101)			
-123.74		159.10	0.00001	(03022203)	-127.28
155.56	0.00001	(03021301)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 45  
 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
152.03	-129.40	153.44	(03011809)	0.00001	(03062806)	-130.81
149.20	-132.23	150.61	(03102504)	0.00001	(03122124)	-133.64
135.06	-135.06	147.79	(03102402)	0.00001	(03010804)	-147.79
132.23	-149.20	133.64	(03112523)	0.00001	(03121508)	-150.61
129.40	-152.03	130.81	(03052723)	0.00001	(03012105)	-153.44
123.74	-155.56	127.28	(03050704)	0.00001	(03092006)	-159.10
113.14	-162.63	120.21	(03120221)	0.00001	(03021005)	-169.71
98.99	-176.78	106.07	(03102106)	0.00001	(03110308)	-183.85
84.85	-190.92	91.92	(03051104)	0.00001	(03041807)	-197.99
70.71	-205.06	77.78	(03040106)	0.00001	(03100905)	-212.13
197.99	-63.64	205.06	(03091207)	0.00001	(03051303)	-70.71
183.85	-77.78	190.92	(03102824)	0.00001	(03021822)	-84.85
169.71	-91.92	176.78	(03082007)	0.00001	(03090207)	-98.99
155.56	-106.07	162.63	(03100707)	0.00001	(03030923)	-113.14
148.49	-116.67	152.03	(03112004)	0.00001	(03022203)	-120.21
144.96	-122.33	146.37	(03022121)	0.00001	(03062806)	-123.74
142.13	-125.16	143.54	(03122707)	0.00001	(03062205)	-126.57
127.99	-127.99	140.71	(03050702)	0.00001	(03010804)	-140.71
125.16	-142.13	126.57	(03112523)	0.00001	(03121508)	-143.54
122.33	-144.96	123.74	(03052723)	0.00001	(03012105)	-146.37
116.67	-148.49	120.21	(03050704)	0.00001	(03092006)	-152.03
106.07	-155.56	113.14	(03041604)	0.00001	(03021005)	-162.63
91.92	-169.71	98.99	(03030103)	0.00001	(03110308)	-176.78
77.78	-183.85	84.85	(03112707)	0.00001	(03052707)	-190.92
63.64	-197.99	70.71	(03010504)	0.00001	(03041023)	-205.06
190.92	-56.57	197.99	(03112808)	0.00001	(03082301)	-63.64
176.78	-70.71	183.85	(03041024)	0.00001	(03011706)	-77.78
162.63	-84.85	169.71	(03020821)	0.00001	(03052823)	-91.92

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
148.49	-98.99	0.00001	155.56 (03031521)	0.00001	(03060105) -106.07
141.42	-109.60	0.00001	144.96 (03033007)	0.00001	(03102620) -113.14
137.89	-115.26	0.00001	139.30 (03022121)	0.00001	(03062806) -116.67
135.06	-118.09	0.00001	136.47 (03122707)	0.00001	(03062205) -119.50
120.92	-120.92	0.00001	133.64 (03050702)	0.00001	(03010804) -133.64
118.09	-135.06	0.00001	119.50 (03112523)	0.00001	(03121508) -136.47
115.26	-137.89	0.00001	116.67 (03052723)	0.00001	(03052723) -139.30
109.60	-141.42	0.00001	113.14 (03050704)	0.00001	(03092006) -144.96
98.99	-148.49	0.00001	106.07 (03102124)	0.00001	(03021005) -155.56
84.85	-162.63	0.00001	91.92 (03012102)	0.00001	(03052702) -169.71
70.71	-176.78	0.00001	77.78 (03010106)	0.00001	(03021009) -183.85
56.57	-190.92	0.00001	63.64 (03041524)	0.00001	(03021502) -197.99

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
183.85	-49.50	0.00001	190.92 (03122604)	0.00001	(03100903) -56.57
169.71	-63.64	0.00001	176.78 (03041024)	0.00001	(03090203) -70.71
155.56	-77.78	0.00001	162.63 (03080704)	0.00001	(03041806) -84.85
141.42	-91.92	0.00001	148.49 (03031521)	0.00001	(03100907) -98.99
134.35	-102.53	0.00001	137.89 (03091404)	0.00001	(03020607) -106.07
130.81	-108.19	0.00001	132.23 (03022121)	0.00001	(03021301) -109.60
127.99	-111.02	0.00001	129.40 (03122707)	0.00001	(03011809) -112.43
113.84	-113.84	0.00001	126.57 (03050702)	0.00001	(03010804) -126.57

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
111.02	-127.99	0.00001	112.43 (03112523)	0.00001	(03121508)	-129.40
108.19	-130.81	0.00001	109.60 (03092006)	0.00001	(03052723)	-132.23
102.53	-134.35	0.00001	106.07 (03050704)	0.00001	(03092006)	-137.89
91.92	-141.42	0.00001	98.99 (03091401)	0.00001	(03021005)	-148.49
77.78	-155.56	0.00001	84.85 (03082206)	0.00001	(03052702)	-162.63
63.64	-169.71	0.00001	70.71 (03100905)	0.00001	(03040105)	-176.78
49.50	-183.85	0.00001	56.57 (03050106)	0.00001	(03040106)	-190.92
176.78	-42.43	0.00001	183.85 (03042303)	0.00001	(03041101)	-49.50
162.63	-56.57	0.00001	169.71 (03102103)	0.00001	(03091207)	-63.64
148.49	-70.71	0.00001	155.56 (03011823)	0.00001	(03021103)	-77.78
134.35	-84.85	0.00001	141.42 (03021902)	0.00001	(03101401)	-91.92
127.28	-95.46	0.00001	130.81 (03091404)	0.00001	(03011323)	-98.99
123.74	-101.12	0.00001	125.16 (03062806)	0.00001	(03021301)	-102.53
120.92	-103.94	0.00001	122.33 (03122124)	0.00001	(03011809)	-105.36
106.77	-106.77	0.00001	119.50 (03050702)	0.00001	(03052005)	-119.50
103.94	-120.92	0.00001	105.36 (03012105)	0.00001	(03121508)	-122.33
101.12	-123.74	0.00001	102.53 (03092006)	0.00001	(03052723)	-125.16
95.46	-127.28	0.00001	98.99 (03021005)	0.00001	(03050704)	-130.81
84.85	-134.35	0.00001	91.92 (03091401)	0.00001	(03120221)	-141.42
70.71	-148.49	0.00001	77.78 (03041807)	0.00001	(03092302)	-155.56
56.57	-162.63	0.00001	63.64 (03030102)	0.00001	(03112707)	-169.71
42.43	-176.78	0.00001	49.50 (03080705)	0.00001	(03010504)	-183.85
169.71	-35.36	0.00001	176.78 (03052104)	0.00001	(03011101)	-42.43
155.56	-49.50	0.00001	162.63 (03050624)	0.00001	(03112808)	-56.57
141.42	-63.64	0.00001	148.49 (03090207)	0.00001	(03102824)	-70.71
127.28	-77.78	0.00001	134.35 (03021902)	0.00001	(03042301)	-84.85
120.21	-88.39	0.00001	123.74 (03022203)	0.00001	(03100707)	-91.92
116.67	-94.05	0.00001	118.09 (03062806)	0.00001	(03112004)	-95.46
113.84	-96.87	0.00001	115.26 (03122124)	0.00001	(03022121)	-98.29
99.70	-99.70	0.00001	112.43 (03050702)	0.00001	(03052005)	-112.43
96.87	-113.84	0.00001	98.29 (03012105)	0.00001	(03112523)	-115.26
	-116.67	0.00001	95.46	0.00001	(03052723)	-118.09

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

94.05 0.00001 (03092006)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	X-COORD (M) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-120.21	91.92	0.00001	(03050704)	0.00001	(03050704)	-123.74
88.39	0.00001	(03021005)	84.85	0.00001	(03120221)	-134.35
-127.28	84.85	0.00001	(03043001)	0.00001	(03102106)	-148.49
77.78	0.00001	(03052707)	70.71	0.00001	(03010106)	-162.63
-141.42	70.71	0.00001	(03092201)	0.00001	(03041524)	-176.78
63.64	0.00001	(03043023)	56.57	0.00001	(03060107)	-35.36
-155.56	56.57	0.00001	(03011002)	0.00001	(03122604)	-49.50
49.50	0.00001	(03090203)	42.43	0.00001	(03041024)	-63.64
-169.71	42.43	0.00001	(03052823)	0.00001	(03082007)	-77.78
35.36	0.00001	(03040602)	28.28	0.00001	(03031521)	-84.85
-28.28	169.71	0.00001	(03022203)	0.00001	(03033007)	-88.39
162.63	0.00001	(03021301)	155.56	0.00001	(03022121)	-91.22
-42.43	155.56	0.00001	(03062205)	0.00001	(03102504)	-105.36
148.49	0.00001	(03121508)	141.42	0.00001	(03112523)	-108.19
-56.57	141.42	0.00001	(03052723)	0.00001	(03092006)	-111.02
134.35	0.00001	(03092006)	127.28	0.00001	(03050704)	-116.67
-70.71	127.28	0.00001	(03021005)	0.00001	(03120221)	-127.28
120.21	0.00001	(03110308)	116.67	0.00001	(03012102)	-141.42
-81.32	116.67	0.00001	(03030924)	0.00001	(03100905)	-155.56
113.14	0.00001	(03040106)	111.02	0.00001	(03080705)	-169.71
-86.97	111.02	0.00001	(03080705)	0.00001		
109.60	0.00001		108.19	0.00001		
-89.80	108.19	0.00001				
106.77	0.00001		105.36	0.00001		
-92.63	105.36	0.00001				
92.63	0.00001		91.22	0.00001		
-106.77	91.22	0.00001				
89.80	0.00001		88.39	0.00001		
-109.60	88.39	0.00001				
86.97	0.00001		84.85	0.00001		
-113.14	84.85	0.00001				
81.32	0.00001		77.78	0.00001		
-120.21	77.78	0.00001				
70.71	0.00001		63.64	0.00001		
-134.35	63.64	0.00001				
56.57	0.00001		49.50	0.00001		
-148.49	49.50	0.00001				
42.43	0.00001		35.36	0.00001		
-162.63	35.36	0.00001				

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02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

28.28	0.00001	(03121520)	0.00001	(03012506)	-28.28
155.56	0.00001	(03030622)	0.00001	(03082301)	-42.43
141.42	0.00001	(03091207)	0.00001	(03102208)	-56.57
127.28	0.00001	(03041806)	0.00001	(03020821)	-70.71
113.14	0.00001	(03121120)	0.00001	(03031521)	-77.78
106.07	0.00001	(03102620)	0.00001	(03091404)	-81.32
102.53	0.00001	(03020220)	0.00001	(03062806)	-84.15
99.70	0.00001	(03011809)	0.00001	(03122707)	-98.29
85.56	0.00001	(03121508)	0.00001	(03012105)	-101.12
82.73	0.00001	(03052723)	0.00001	(03092006)	-103.94
79.90	0.00001	(03092006)	0.00001	(03050704)	-109.60
74.25	0.00001	(03021005)	0.00001	(03120221)	-120.21
63.64	0.00001	(03052702)	0.00001	(03082206)	-134.35
49.50	0.00001	(03051104)	0.00001	(03041023)	-148.49
35.36	0.00001	(03011102)	0.00001	(03043023)	-162.63
21.21	0.00001	(03121521)	0.00001	(03122118)	-21.21
148.49	0.00001	(03060107)	0.00001	(03100903)	-35.36
134.35	0.00001	(03112808)	0.00001	(03031602)	-49.50
120.21	0.00001	(03080904)	0.00002	(03080704)	-63.64
106.07	0.00002	(03060105)	0.00002	(03021902)	-70.71
98.99	0.00002	(03020607)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

CONC

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-72.83	96.87	0.00002	(03091404)	-74.25
95.46	(03033007)	0.00002	(03062806)	-77.07
-75.66	94.05	0.00002	(03122707)	-91.22
92.63	(03022121)	0.00002	(03012105)	-94.05
-78.49	91.22	0.00002	(03052723)	-96.87
78.49	(03121508)	0.00002	(03050704)	-102.53
-92.63	77.07	0.00002	(03041604)	-113.14
75.66	(03052723)	0.00002	(03041807)	-127.28
-95.46	74.25	0.00002	(03092201)	-141.42
72.83	(03050704)	0.00002	(03121520)	-155.56
-98.99	70.71	0.00002	(03101501)	-14.14
67.18	(03120221)	0.00002	(03012021)	-28.28
-106.07	63.64	0.00002	(03090203)	-42.43
56.57	(03052702)	0.00002	(03011823)	-56.57
-120.21	49.50	0.00001	(03040504)	-63.64
42.43	(03112707)	0.00001	(03022203)	-67.18
-134.35	35.36	0.00001	(03021301)	-70.00
28.28	(03050106)	0.00001	(03122124)	-84.15
-148.49	21.21	0.00001	(03052723)	-86.97
14.14	(03072703)	0.00001	(03092006)	-89.80
-7.07	148.49	0.00001	(03021005)	-95.46
141.42	(03011304)	0.00001	(03091401)	-106.07
-21.21	134.35	0.00001	(03112609)	-120.21
127.28	(03051303)	0.00001	(03010504)	-134.35
-35.36	120.21	0.00002	(03121521)	-148.49
113.14	(03102824)	0.00002	(03050507)	-7.07
-49.50	106.07	0.00002	(03031903)	-7.07
98.99	(03100907)	0.00002	(03122118)	-14.14
-60.10	95.46	0.00002	(03101702)	-21.21
91.92	(03032101)	0.00002	(03052104)	-28.28
-65.76	89.80	0.00002	(03091207)	-35.36
88.39	(03091404)	0.00002	(03090207)	-49.50
-68.59	86.97	0.00002	(03040602)	-56.57
85.56	(03022121)	0.00002	(03102620)	-60.10
-71.42	84.15	0.00002		
71.42	(03112523)	0.00002		
-85.56	70.00	0.00002		
68.59	(03092006)	0.00002		
-88.39	67.18	0.00002		
65.76	(03050704)	0.00002		
-91.92	63.64	0.00002		
60.10	(03120221)	0.00002		
-98.99	56.57	0.00002		
49.50	(03092302)	0.00002		
-113.14	42.43	0.00002		
35.36	(03100905)	0.00002		
-127.28	28.28	0.00001		
21.21	(03080705)	0.00001		
-141.42	14.14	0.00001		
7.07	(03050507)	0.00001		
0.00	141.42	0.00001		
134.35	(03122118)	0.00001		
-14.14	127.28	0.00001		
120.21	(03052104)	0.00002		
-28.28	113.14	0.00002		
106.07	(03041024)	0.00002		
-42.43	98.99	0.00002		
91.92	(03101401)	0.00002		
-53.03	88.39	0.00002		
84.85	(03100707)	0.00002		
-58.69	82.73	0.00002		
81.32	(03091404)	0.00002		

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
78.49	-61.52	0.00002	79.90 (03062806)	0.00002	(03020220)	-62.93
64.35	-64.35	0.00002	77.07 (03112523)	0.00002	(03011809)	-77.07
61.52	-78.49	0.00002	62.93 (03092006)	0.00002	(03052723)	-79.90
58.69	-81.32	0.00002	60.10 (03050704)	0.00002	(03050704)	-82.73
53.03	-84.85	0.00002	56.57 (03120221)	0.00002	(03021005)	-88.39
42.43	-91.92	0.00002	49.50 (03030103)	0.00002	(03091401)	-98.99
28.28	-106.07	0.00002	35.36 (03041023)	0.00002	(03051104)	-113.14
14.14	-120.21	0.00001	21.21 (03043023)	0.00002	(03010903)	-127.28
0.00	-134.35	0.00001	7.07 (03112003)	0.00001	(03072703)	-141.42

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
127.28	7.07	0.00001	(03060101)	0.00
113.14	-7.07	0.00002	(03011304)	-14.14
98.99	-21.21	0.00002	(03090105)	-28.28
84.85	-35.36	0.00002	(03041806)	-42.43
77.78	-45.96	0.00002	(03030923)	-49.50
74.25	-51.62	0.00002	(03011323)	-53.03
71.42	-54.45	0.00002	(03033007)	-55.86
57.28	-57.28	0.00002	(03011809)	-70.00
54.45	-71.42	0.00002	(03052723)	-72.83
51.62	-74.25	0.00002	(03050704)	-75.66
45.96	-77.78	0.00002	(03021005)	-81.32

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

	-84.85	42.43	0.00002	(03110308)	-91.92
35.36		(03012102)	0.00002		
	-98.99	28.28	0.00002	(03112707)	-106.07
21.21		(03040106)	0.00002		
	-113.14	14.14	0.00002	(03080705)	-120.21
7.07		(03121521)	0.00002		
	-127.28	0.00	0.00001	(03122302)	-134.35
-7.07		(03032206)	0.00001		
	14.14	127.28	0.00001	(03091206)	7.07
120.21		(03031903)	0.00002		
	0.00	113.14	0.00002	(03122118)	-7.07
106.07		(03121303)	0.00002		
	-14.14	98.99	0.00002	(03042303)	-21.21
91.92		(03102802)	0.00002		
	-28.28	84.85	0.00002	(03080904)	-35.36
77.78		(03020821)	0.00002		
	-38.89	74.25	0.00002	(03100907)	-42.43
70.71		(03021902)	0.00002		
	-44.55	68.59	0.00002	(03032101)	-45.96
67.18		(03102620)	0.00002		
	-47.38	65.76	0.00002	(03091404)	-48.79
64.35		(03021301)	0.00002		
	-50.20	62.93	0.00002	(03022121)	-62.93
50.20		(03012105)	0.00002		
	-64.35	48.79	0.00002	(03092006)	-65.76
47.38		(03050704)	0.00002		
	-67.18	45.96	0.00002	(03050704)	-68.59
44.55		(03021005)	0.00002		
	-70.71	42.43	0.00002	(03120221)	-74.25
38.89		(03091401)	0.00002		
	-77.78	35.36	0.00002	(03052702)	-84.85
28.28		(03041807)	0.00002		
	-91.92	21.21	0.00002	(03100905)	-98.99
14.14		(03011102)	0.00002		
	-106.07	7.07	0.00002	(03043023)	-113.14
0.00		(03072703)	0.00002		
	-120.21	-7.07	0.00002	(03050903)	-127.28
-14.14		(03120708)	0.00001		
	21.21	120.21	0.00002	(03081203)	14.14
113.14		(03011723)	0.00002		
	7.07	106.07	0.00002	(03090108)	0.00
98.99		(03011304)	0.00002		
	-7.07	91.92	0.00002	(03100903)	-14.14
84.85		(03061505)	0.00002		
	-21.21	77.78	0.00002	(03041024)	-28.28
70.71		(03011823)	0.00002		
	-31.82	67.18	0.00002	(03101401)	-35.36
63.64		(03040504)	0.00003		
	-37.48	61.52	0.00003	(03031521)	-38.89
60.10		(03020607)	0.00003		
	-40.31	58.69	0.00003	(03022203)	-41.72
57.28		(03112004)	0.00003		
	-43.13	55.86	0.00003	(03062806)	-55.86
43.13		(03052723)	0.00003		
	-57.28	41.72	0.00003	(03092006)	-58.69
40.31		(03050704)	0.00003		
	-60.10	38.89	0.00003	(03050704)	-61.52
37.48		(03021005)	0.00003		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YMMDDHH)	CONC	(YMMDDHH)	X-COORD (M)
-63.64	31.82	35.36	(03043001)	0.00003	(03120221)	-67.18
-70.71	21.21	28.28	(03021009)	0.00002	(03052702)	-77.78
-84.85	7.07	14.14	(03080705)	0.00002	(03021605)	-91.92
-98.99	-7.07	0.00	(03112003)	0.00002	(03121521)	-106.07
-113.14	-21.21	-14.14	(03040505)	0.00002	(03041506)	-120.21
28.28	106.07	113.14	(03081504)	0.00002	(03060206)	21.21
14.14	91.92	98.99	(03062701)	0.00002	(03081701)	7.07
0.00	77.78	84.85	(03122604)	0.00002	(03011101)	-7.07
-14.14	63.64	70.71	(03090207)	0.00002	(03102103)	-21.21
-24.75	56.57	60.10	(03030923)	0.00003	(03121704)	-28.28
-30.41	53.03	54.45	(03100707)	0.00003	(03021902)	-31.82
-33.23	50.20	51.62	(03091404)	0.00003	(03102620)	-34.65
-36.06	36.06	48.79	(03092006)	0.00003	(03062806)	-48.79
-50.20	33.23	34.65	(03050704)	0.00003	(03092006)	-51.62
-53.03	30.41	31.82	(03120221)	0.00003	(03021005)	-54.45
-56.57	24.75	28.28	(03110308)	0.00003	(03041604)	-60.10
-63.64	14.14	21.21	(03051104)	0.00003	(03102106)	-70.71
-77.78	0.00	7.07	(03043023)	0.00002	(03040106)	-84.85
-91.92	-14.14	-7.07	(03050903)	0.00002	(03072703)	-98.99
-106.07	-28.28	-21.21	(03080105)	0.00002	(03040505)	-113.14
35.36	98.99	106.07	(03062804)	0.00002	(03041503)	28.28
21.21	84.85	91.92	(03053104)	0.00002	(03070407)	14.14
7.07		77.78		0.00002	(03011304)	0.00

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

70.71	-7.07	0.00002	(03052104)	63.64	0.00003	(03072806)	-14.14
56.57	-17.68	0.00003	(03041806)	53.03	0.00003	(03080704)	-21.21
49.50	-23.33	0.00003	(03100907)	47.38	0.00003	(03040504)	-24.75
45.96	-26.16	0.00003	(03031521)	44.55	0.00003	(03011323)	-27.58
43.13	-28.99	0.00003	(03022203)	41.72	0.00003	(03020220)	-41.72
28.99	-43.13	0.00003	(03092006)	27.58	0.00003	(03050704)	-44.55
26.16	-45.96	0.00003	(03050704)	24.75	0.00003	(03021005)	-47.38
23.33	-49.50	0.00003	(03120221)	21.21	0.00003	(03102124)	-53.03
17.68	-56.57	0.00003	(03052702)	14.14	0.00003	(03012102)	-63.64
7.07	-70.71	0.00003	(03100905)	0.00	0.00002	(03010903)	-77.78
-7.07	-84.85	0.00002	(03013007)	-14.14	0.00002	(03112003)	-91.92
-21.21	-98.99	0.00002	(03120708)	-28.28	0.00002	(03111123)	-106.07
-35.36	42.43	0.00002	(03101204)	98.99	0.00002	(03052624)	35.36
91.92	28.28	0.00002	(03102303)	84.85	0.00002	(03081203)	21.21
77.78	14.14	0.00002	(03060101)	70.71	0.00002	(03062701)	7.07
63.64	0.00	0.00003	(03030622)	56.57	0.00003	(03061505)	-7.07
49.50	-10.61	0.00003	(03102824)	45.96	0.00003	(03090207)	-14.14
42.43		0.00003	(03033103)				

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

\*\*\*

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
38.89	-16.26	0.00004	(03030923)	-17.68
36.06	-19.09	0.00004	(03100707)	-20.51
	-21.92	0.00004	(03033007)	-34.65

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

21.92	0.00004	(03092006)	0.00004	(03050704)	-37.48
-36.06	20.51				
19.09	0.00004	(03021005)	0.00004	(03120221)	-40.31
-38.89	17.68				
16.26	0.00004	(03041604)	0.00003	(03043001)	-45.96
-42.43	14.14				
10.61	0.00003	(03102106)	0.00003	(03052707)	-56.57
-49.50	7.07				
0.00	0.00003	(03052806)	0.00003	(03043023)	-70.71
-63.64	-7.07				
-14.14	0.00002	(03072703)	0.00002	(03032206)	-84.85
-77.78	-21.21				
-28.28	0.00002	(03040505)	0.00002	(03111520)	-98.99
-91.92	-35.36				
-42.43	0.00002	(03012602)	0.00002	(03101607)	42.43
49.50	91.92				
84.85	0.00002	(03041501)	0.00002	(03051022)	28.28
35.36	77.78				
70.71	0.00002	(03081504)	0.00003	(03031903)	14.14
21.21	63.64				
56.57	0.00003	(03090106)	0.00003	(03101224)	0.00
7.07	49.50				
42.43	0.00004	(03042305)	0.00004	(03041806)	-7.07
-3.54	38.89				
35.36	0.00004	(03020821)	0.00004	(03100907)	-10.61
-9.19	33.23				
31.82	0.00004	(03121120)	0.00004	(03031521)	-13.44
-12.02	30.41				
28.99	0.00004	(03011323)	0.00004	(03091404)	-27.58
-14.85	27.58				
14.85	0.00004	(03050704)	0.00004	(03021005)	-30.41
-28.99	13.44				
12.02	0.00004	(03021005)	0.00004	(03120221)	-33.23
-31.82	10.61				
9.19	0.00004	(03091401)	0.00004	(03110308)	-38.89
-35.36	7.07				
3.54	0.00004	(03012102)	0.00004	(03051104)	-49.50
-42.43	0.00				
-7.07	0.00003	(03010504)	0.00003	(03013007)	-63.64
-56.57	-14.14				
-21.21	0.00002	(03112003)	0.00002	(03040505)	-77.78
-70.71	-28.28				
-35.36	0.00002	(03010320)	0.00002	(03022501)	-91.92
-84.85	-42.43				
-49.50	0.00002	(03010701)	0.00002	(03032401)	49.50
56.57	84.85				
77.78	0.00002	(03101607)	0.00002	(03010902)	35.36
42.43	70.71				
63.64	0.00002	(03091806)	0.00003	(03011723)	21.21
28.28	56.57				
49.50	0.00003	(03051306)	0.00003	(03013107)	7.07
14.14	42.43				
35.36	0.00004	(03011706)	0.00004	(03102824)	0.00
3.54	31.82				
28.28	0.00004	(03011823)	0.00004	(03042301)	-3.54
-2.12	26.16				
24.75	0.00005	(03100907)	0.00005	(03040504)	-6.36
-4.95	23.33				
21.92	0.00005	(03031521)	0.00005	(03102620)	-20.51
-7.78	20.51				
7.78	0.00005	(03050704)	0.00005	(03021005)	-23.33
-21.92	6.36				
4.95	0.00005	(03120221)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
2.12	-24.75	0.00004	3.54 (03110308)	0.00005	(03102124)	-26.16
-3.54	-28.28	0.00004	0.00 (03052707)	0.00004	(03092302)	-31.82
-14.14	-35.36	0.00003	-7.07 (03080705)	0.00004	(03010106)	-42.43
-28.28	-49.50	0.00003	-21.21 (03120708)	0.00003	(03072703)	-56.57
-42.43	-63.64	0.00002	-35.36 (03022501)	0.00002	(03111123)	-70.71
-56.57	-77.78	0.00002	-49.50 (03111206)	0.00002	(03101407)	-84.85

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Di recti on  
 \*\*MODELOPTs:

PAGE 52  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
70.71	63.64	0.00002	77.78 (03082224)	0.00002	(03050502)	56.57
56.57	49.50	0.00002	63.64 (03101305)	0.00002	(03121507)	42.43
42.43	35.36	0.00003	49.50 (03040603)	0.00003	(03081203)	28.28
28.28	21.21	0.00004	35.36 (03112808)	0.00003	(03101124)	14.14
21.21	10.61	0.00005	24.75 (03041806)	0.00004	(03102103)	7.07
17.68	4.95	0.00005	19.09 (03042301)	0.00005	(03080704)	3.54
14.85	2.12	0.00005	16.26 (03021902)	0.00005	(03060105)	0.71
0.71	-0.71	0.00005	13.44 (03021005)	0.00005	(03032101)	-13.44
-2.12	-14.85	0.00005	-0.71 (03102124)	0.00005	(03120221)	-16.26
-4.95	-17.68	0.00005	-3.54 (03052702)	0.00005	(03043001)	-19.09
-10.61	-21.21	0.00004	-7.07 (03112707)	0.00005	(03012102)	-24.75
-21.21	-28.28	0.00003	-14.14 (03013007)	0.00004	(03021502)	-35.36
-35.36	-42.43	0.00003	-28.28 (03040505)	0.00003	(03050903)	-49.50
-49.50	-56.57	0.00002	-42.43 (03101407)	0.00002	(03101204)	-63.64

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
-63.64	-70.71	0.00002	(03101306)	0.00002	(03111206)	-77.78
63.64	70.71	0.00002	(03050502)	0.00002	(03100904)	63.64
49.50	56.57	0.00002	(03021204)	0.00002	(03082302)	49.50
35.36	42.43	0.00003	(03070304)	0.00003	(03052706)	35.36
21.21	28.28	0.00004	(03082301)	0.00003	(03062701)	21.21
14.14	17.68	0.00005	(03102824)	0.00005	(03110701)	14.14
10.61	12.02	0.00006	(03080704)	0.00005	(03052823)	10.61
7.78	9.19	0.00006	(03030923)	0.00006	(03042301)	7.78
-6.36	6.36	0.00006	(03021005)	0.00006	(03031521)	-6.36
-9.19	-7.78	0.00006	(03043001)	0.00006	(03041604)	-9.19
-12.02	-10.61	0.00005	(03012102)	0.00006	(03052702)	-12.02
-17.68	-14.14	0.00005	(03091205)	0.00005	(03031902)	-17.68
-28.28	-21.21	0.00003	(03072703)	0.00004	(03041524)	-28.28
-42.43	-35.36	0.00003	(03010324)	0.00003	(03120708)	-42.43
-56.57	-49.50	0.00002	(03061307)	0.00002	(03102606)	-56.57
-70.71	-63.64	0.00002	(03020222)	0.00002	(03101306)	-70.71
56.57	77.78	0.00002	(03010702)	0.00002	(03101222)	70.71
42.43	63.64	0.00002	(03101607)	0.00002	(03020522)	56.57
28.28	49.50	0.00003	(03091722)	0.00003	(03041503)	42.43
14.14	35.36	0.00004	(03092508)	0.00003	(03090123)	28.28
7.07	24.75	0.00005	(03031602)	0.00005	(03051303)	21.21
3.54	19.09	0.00006	(03052823)	0.00006	(03102824)	17.68
0.71	16.26	0.00007	(03033103)	0.00006	(03080704)	14.85
-13.44	13.44	0.00007	(03120221)	0.00007	(03021606)	0.71
-16.26	-0.71	0.00006	(03052702)	0.00007	(03043001)	-2.12
-19.09	-3.54	0.00006	(03052707)	0.00006	(03012102)	-4.95

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

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Direction  
\*\*MODELOPTS:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

**		** CONC OF OTHER		IN MICROGRAMS/M**3		
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-24.75	-7.07	0.00005	(03040106)	0.00005	(03112707)	-10.61
-35.36	-14.14	0.00003	(03112003)	0.00004	(03043023)	-21.21
-49.50	-28.28	0.00003	(03101204)	0.00003	(03040505)	-35.36
-63.64	-42.43	0.00002	(03031705)	0.00002	(03010701)	-49.50
-77.78	-56.57	0.00002	(03032306)	0.00002	(03111019)	-63.64
49.50	84.85	0.00002	(03060204)	0.00002	(03060106)	77.78
35.36	70.71	0.00002	(03032401)	0.00002	(03091705)	63.64
21.21	56.57	0.00003	(03091924)	0.00002	(03052624)	49.50
7.07	42.43	0.00004	(03101702)	0.00003	(03062424)	35.36
0.00	31.82	0.00005	(03051504)	0.00005	(03082301)	28.28
-3.54	26.16	0.00006	(03102824)	0.00006	(03042305)	24.75
-6.36	23.33	0.00007	(03080704)	0.00006	(03052823)	21.92
-20.51	20.51	0.00007	(03091401)	0.00007	(03100907)	7.78
-23.33	6.36	0.00006	(03012102)	0.00007	(03052702)	4.95
-26.16	3.54	0.00006	(03051104)	0.00006	(03052707)	2.12
-31.82	0.00	0.00005	(03041524)	0.00005	(03091205)	-3.54
-42.43	-7.07	0.00003	(03050903)	0.00004	(03043023)	-14.14
-56.57	-21.21	0.00002	(03102606)	0.00003	(03111123)	-28.28
-70.71	-35.36	0.00002	(03101306)	0.00002	(03061307)	-42.43
-84.85	-49.50	0.00002	(03032104)	0.00002	(03032306)	-56.57
42.43	91.92	0.00002	(03021403)	0.00002	(03021824)	84.85
28.28	77.78	0.00002	(03101522)	0.00002	(03041102)	70.71
14.14	63.64	0.00003	(03012208)	0.00002	(03101607)	56.57
0.00	49.50	0.00004	(03033101)	0.00003	(03070407)	42.43
-7.07	38.89	0.00005	(03061505)	0.00004	(03011002)	35.36
	33.23		(03061505)	0.00005	(03030721)	31.82

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-10.61	0.00006	(03041024)			
30.41	-12.02		0.00006	(03021103)	28.99
-13.44	0.00007	(03090207)			
27.58	-14.85		0.00007	(03121704)	14.85
-27.58	0.00007	(03110308)			
13.44	-28.99		0.00007	(03102106)	12.02
-30.41	0.00006	(03082206)			
10.61	-31.82		0.00006	(03040105)	9.19
-33.23	0.00005	(03100905)			
7.07	-35.36		0.00005	(03052806)	3.54
-38.89	0.00004	(03080705)			
0.00	-42.43		0.00004	(03112001)	-7.07
-49.50	0.00003	(03120708)			
-14.14	-56.57		0.00003	(03101204)	-21.21
-63.64	0.00002	(03101407)			
-28.28	-70.71		0.00002	(03121122)	-35.36
-77.78	0.00002	(03020222)			
-42.43	-84.85		0.00002	(03032104)	-49.50
-91.92	0.00002	(03120709)			
98.99	42.43		0.00002	(03122603)	91.92
35.36	84.85		0.00002	(03101805)	77.78
21.21	70.71		0.00002	(03050505)	63.64
7.07	56.57		0.00003	(03062506)	49.50
-7.07	45.96		0.00004	(03070805)	42.43
-14.14	0.00005	(03051303)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-17.68	40.31	-16.26	0.00005 (03090203)	38.89
-20.51	37.48	-19.09	0.00006 (03102103)	36.06
-34.65	34.65	-21.92	0.00006 (03052823)	21.92
-37.48	20.51	-36.06	0.00007 (03080704)	19.09
-40.31	17.68	-38.89	0.00007 (03012102)	16.26
	14.14	-42.43	0.00006 (03052702)	10.61
			0.00006 (03052707)	
			0.00006 (03051104)	
			0.00005 (03100905)	
			0.00005 (03010504)	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-45.96	0.00004	(03043023)	0.00004	(03050507)	0.00
7.07	-49.50				
-56.57	0.00003	(03040505)	0.00003	(03012602)	-14.14
-7.07	-63.64				
-70.71	0.00002	(03111206)	0.00002	(03020222)	-28.28
-21.21	-77.78				
-84.85	0.00002	(03020408)	0.00002	(03040624)	-42.43
-35.36	-91.92				
-98.99	0.00002	(03032106)	0.00002	(03012823)	98.99
106.07	35.36				
28.28	0.00002	(03052303)	0.00002	(03042001)	84.85
91.92	21.21				
14.14	0.00002	(03091708)	0.00002	(03091705)	70.71
77.78	7.07				
0.00	0.00003	(03111822)	0.00003	(03051022)	56.57
63.64	-7.07				
-14.14	0.00004	(03040603)	0.00004	(03012506)	49.50
53.03	-17.68				
-21.21	0.00004	(03020321)	0.00005	(03112808)	45.96
47.38	-23.33				
-24.75	0.00005	(03072806)	0.00006	(03041024)	43.13
44.55	-26.16				
-27.58	0.00006	(03021103)	0.00007	(03011823)	28.99
41.72	-28.99				
-41.72	0.00007	(03092302)	0.00006	(03082206)	26.16
27.58	-43.13				
-44.55	0.00006	(03051104)	0.00005	(03010106)	23.33
24.75	-45.96				
-47.38	0.00005	(03021502)	0.00004	(03050106)	17.68
21.21	-49.50				
-53.03	0.00004	(03121521)	0.00003	(03050903)	7.07
14.14	-56.57				
-63.64	0.00003	(03010320)	0.00003	(03010701)	-7.07
0.00	-70.71				
-77.78	0.00002	(03101306)	0.00002	(03122201)	-21.21
-14.14	-84.85				
-91.92	0.00002	(03040624)	0.00002	(03032106)	-35.36
-28.28	-98.99				
-106.07	0.00002	(03021607)	0.00002	(03091202)	106.07
113.14	28.28				
21.21	0.00002	(03101201)	0.00002	(03052303)	91.92
98.99	14.14				
7.07	0.00002	(03041003)	0.00002	(03060204)	77.78
84.85	0.00				
-7.07	0.00002	(03101323)	0.00003	(03041501)	63.64
70.71	-14.14				
-21.21	0.00003	(03091206)	0.00004	(03101501)	56.57
60.10	-24.75				
-28.28	0.00004	(03011101)	0.00004	(03042303)	53.03
54.45	-30.41				
-31.82	0.00005	(03061505)	0.00005	(03031602)	50.20
51.62	-33.23				
-34.65	0.00006	(03102824)	0.00006	(03090207)	36.06
48.79	-36.06				
-48.79	0.00006	(03030103)	0.00006	(03112609)	33.23
34.65	-50.20				
-51.62	0.00005	(03112707)	0.00005	(03021605)	30.41
31.82	-53.03				
-54.45	0.00004	(03010504)	0.00004	(03043023)	24.75
28.28	-56.57				
-60.10	0.00004	(03050507)	0.00003	(03120708)	14.14
21.21	-63.64				
-70.71	0.00003	(03012602)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED  
 7.07 -77.78 0.00002 (03121122) 0.00  
 -84.85 0.00002 (03032306) 0.00002 (03040624) -14.14  
 -98.99 -7.07 0.00002 (03032106) 0.00002 (03021607) -28.28  
 -113.14 -21.21 0.00002 (03010822) 0.00002 (03010822)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Di recti on \*\*\* 14: 51: 37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
14.14	120.21	0.00002	(03031523)	113.14
0.00	21.21	0.00002	(03040107)	98.99
-14.14	106.07	0.00002	(03072601)	84.85
-28.28	91.92	0.00002	(03042624)	70.71
-35.36	77.78	0.00003	(03010924)	63.64
-38.89	67.18	0.00003	(03040507)	60.10
-41.72	61.52	0.00004	(03012021)	57.28
-55.86	58.69	0.00004	(03091207)	43.13
-58.69	55.86	0.00005	(03102208)	40.31
-61.52	55.86	0.00006	(03082206)	37.48
-67.18	41.72	0.00005	(03051104)	31.82
-77.78	38.89	0.00005	(03041023)	21.21
-91.92	38.89	0.00004	(03010504)	7.07
-106.07	35.36	0.00004	(03080705)	-7.07
-120.21	35.36	0.00003	(03112001)	-21.21
	28.28	0.00003	(03032206)	120.21
	28.28	0.00003	(03111123)	106.07
	14.14	0.00003	(03072904)	
	14.14	0.00002	(03020222)	
	0.00	0.00002	(03040624)	
	0.00	0.00002	(03032106)	
	-14.14	0.00002	(03101801)	
	-14.14	0.00002	(03010822)	
	-120.21	0.00002	(03111306)	
	127.28	0.00002	(03012907)	
	7.07	0.00002	(03071105)	
	113.14	0.00002	(03013106)	
	-7.07	0.00002	(03111518)	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

98.99	-14.14	0.00002	(03052303)	91.92
-21.21	0.00002	(03062202)		
84.85	-28.28	0.00002	(03091705)	77.78
-35.36	0.00003	(03041501)		
74.25	-38.89	0.00003	(03111403)	70.71
-42.43	0.00003	(03111804)		
68.59	-44.55	0.00004	(03012506)	67.18
-45.96	0.00004	(03030724)		
65.76	-47.38	0.00004	(03042303)	64.35
-48.79	0.00004	(03110701)		
62.93	-50.20	0.00005	(03041024)	50.20
-62.93	0.00005	(03040105)		
48.79	-64.35	0.00004	(03041023)	47.38
-65.76	0.00004	(03011102)		
45.96	-67.18	0.00004	(03043023)	44.55
-68.59	0.00004	(03112703)		
42.43	-70.71	0.00003	(03112003)	38.89
-74.25	0.00003	(03111123)		
35.36	-77.78	0.00003	(03031009)	28.28
-84.85	0.00002	(03101306)		
21.21	-91.92	0.00002	(03110919)	14.14
-98.99	0.00002	(03032106)		
7.07	-106.07	0.00002	(03011906)	0.00
-113.14	0.00002	(03021609)		
-7.07	-120.21	0.00002	(03120102)	-14.14
-127.28	0.00002	(03110304)		
134.35	7.07	0.00002	(03051301)	127.28
0.00	0.00002	(03021322)		
120.21	-7.07	0.00002	(03020605)	113.14
-14.14	0.00002	(03111902)		
106.07	-21.21	0.00002	(03041005)	98.99
-28.28	0.00002	(03122603)		
91.92	-35.36	0.00002	(03120106)	84.85
-42.43	0.00002	(03120524)		
81.32	-45.96	0.00003	(03080907)	77.78
-49.50	0.00003	(03110123)		
75.66	-51.62	0.00003	(03040603)	74.25
-53.03	0.00003	(03062701)		
72.83	-54.45	0.00003	(03122507)	71.42
-55.86	0.00004	(03041407)		
70.00	-57.28	0.00004	(03111103)	57.28
-70.00	0.00004	(03091205)		
55.86	-71.42	0.00004	(03041524)	54.45
-72.83	0.00003	(03121520)		
53.03	-74.25	0.00003	(03112804)	51.62
-75.66	0.00003	(03121422)		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-81.32	49.50	-77.78	(03011622)	0.00003	(03030503)	45.96
-91.92	42.43	-84.85	(03021020)	0.00002	(03112006)	35.36
-106.07	28.28	-98.99	(03120101)	0.00002	(03032106)	21.21
-120.21	14.14	-113.14	(03102706)	0.00002	(03112409)	7.07
-134.35	0.00	-127.28	(03021409)	0.00002	(03110406)	-7.07
-7.07	141.42	0.00	(03092005)	0.00002	(03091706)	134.35
-21.21	127.28	-14.14	(03071707)	0.00002	(03080806)	120.21
-35.36	113.14	-28.28	(03022101)	0.00002	(03031004)	106.07
-49.50	98.99	-42.43	(03011305)	0.00002	(03091001)	91.92
-56.57	88.39	-53.03	(03081922)	0.00003	(03042502)	84.85
-60.10	82.73	-58.69	(03031007)	0.00004	(03042501)	81.32
-62.93	79.90	-61.52	(03030501)	0.00004	(03090706)	78.49
-77.07	77.07	-64.35	(03042003)	0.00005	(03042424)	64.35
-79.90	62.93	-78.49	(03122504)	0.00004	(03020904)	61.52
-82.73	60.10	-81.32	(03121523)	0.00004	(03112403)	58.69
-88.39	56.57	-84.85	(03030706)	0.00003	(03091104)	53.03
-98.99	49.50	-91.92	(03022806)	0.00002	(03030502)	42.43
-113.14	35.36	-106.07	(03011008)	0.00002	(03111301)	28.28
-127.28	21.21	-120.21	(03122120)	0.00002	(03010621)	14.14
-141.42	7.07	-134.35	(03120405)	0.00002	(03021901)	0.00
-14.14	148.49	-7.07	(03020606)	0.00002	(03020305)	141.42
-28.28	134.35	-21.21	(03031004)	0.00002	(03020808)	127.28
-42.43	120.21	-35.36	(03081006)	0.00002	(03021803)	113.14
-56.57	106.07	-49.50	(03111207)	0.00003	(03051307)	98.99
-63.64	95.46	-60.10	(03042501)	0.00003	(03091307)	91.92
-67.18	89.80	-65.76	(03111706)	0.00004	(03011704)	88.39
-70.00	86.97	-68.59	(03121201)	0.00005	(03030109)	85.56
-84.15	84.15	-71.42	(03010905)	0.00006	(03021708)	71.42
	70.00	-85.56		0.00005	(03010704)	68.59

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-86.97	0.00005	(03020904)			
67.18	-88.39		0.00004	(03010104)	65.76
-89.80	0.00004	(03022308)			
63.64	-91.92		0.00004	(03122703)	60.10
-95.46	0.00003	(03091201)			
56.57	-98.99		0.00003	(03110207)	49.50
-106.07	0.00003	(03012307)			
42.43	-113.14		0.00002	(03042004)	35.36
-120.21	0.00002	(03051006)			
28.28	-127.28		0.00002	(03011008)	21.21
-134.35	0.00002	(03010423)			
14.14	-141.42		0.00002	(03070307)	7.07
-148.49	0.00002	(03102201)			
155.56	-14.14		0.00002	(03021003)	148.49
-21.21	0.00002	(03072603)			
141.42	-28.28		0.00002	(03030207)	134.35
-35.36	0.00002	(03092707)			
127.28	-42.43		0.00002	(03012108)	120.21
-49.50	0.00002	(03120402)			
113.14	-56.57		0.00003	(03011305)	106.07
-63.64	0.00003	(03121723)			
102.53	-67.18		0.00004	(03071906)	98.99
-70.71	0.00004	(03031007)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
-74.25	96.87	0.00004	(03030824)	95.46
-77.07	94.05	0.00005	(03122704)	92.63
-91.22	91.22	0.00006	(03032407)	78.49
-94.05	77.07	0.00006	(03062705)	75.66
-96.87	74.25	0.00005	(03030904)	72.83
-102.53	70.71	0.00004	(03112403)	67.18
-113.14	63.64	0.00003	(03032324)	56.57
-127.28	49.50	0.00002	(03101403)	42.43
	35.36	0.00002	(03121703)	28.28

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-141.42	0.00002	(03011008)			
21.21	-148.49		0.00002	(03012505)	14.14
-155.56	0.00002	(03030603)			
162.63	-21.21		0.00002	(03072603)	155.56
-28.28	0.00002	(03030207)			
148.49	-35.36		0.00002	(03051824)	141.42
-42.43	0.00002	(03110423)			
134.35	-49.50		0.00002	(03050306)	127.28
-56.57	0.00003	(03051307)			
120.21	-63.64		0.00003	(03030402)	113.14
-70.71	0.00004	(03120707)			
109.60	-74.25		0.00004	(03042503)	106.07
-77.78	0.00004	(03030524)			
103.94	-79.90		0.00005	(03092307)	102.53
-81.32	0.00005	(03101524)			
101.12	-82.73		0.00006	(03012503)	99.70
-84.15	0.00006	(03021708)			
98.29	-85.56		0.00007	(03102708)	85.56
-98.29	0.00007	(03032903)			
84.15	-99.70		0.00006	(03121806)	82.73
-101.12	0.00006	(03042003)			
81.32	-102.53		0.00005	(03051905)	79.90
-103.94	0.00005	(03022503)			
77.78	-106.07		0.00004	(03021207)	74.25
-109.60	0.00004	(03111104)			
70.71	-113.14		0.00004	(03121422)	63.64
-120.21	0.00003	(03010620)			
56.57	-127.28		0.00003	(03012307)	49.50
-134.35	0.00002	(03022806)			
42.43	-141.42		0.00002	(03011423)	35.36
-148.49	0.00002	(03092604)			
28.28	-155.56		0.00002	(03011008)	21.21
-162.63	0.00002	(03012505)			
169.71	-28.28		0.00002	(03100806)	162.63
-35.36	0.00002	(03051824)			
155.56	-42.43		0.00002	(03010803)	148.49
-49.50	0.00002	(03090605)			
141.42	-56.57		0.00002	(03051603)	134.35
-63.64	0.00003	(03112422)			
127.28	-70.71		0.00003	(03111723)	120.21
-77.78	0.00004	(03012322)			
116.67	-81.32		0.00004	(03102001)	113.14
-84.85	0.00005	(03112507)			
111.02	-86.97		0.00005	(03090206)	109.60
-88.39	0.00006	(03091204)			
108.19	-89.80		0.00006	(03112404)	106.77
-91.22	0.00007	(03032407)			
105.36	-92.63		0.00007	(03010908)	92.63
-105.36	0.00007	(03102721)			
91.22	-106.77		0.00006	(03030804)	89.80
-108.19	0.00006	(03120324)			
88.39	-109.60		0.00006	(03010704)	86.97
-111.02	0.00005	(03012023)			
84.85	-113.14		0.00005	(03010104)	81.32
-116.67	0.00004	(03031006)			
77.78	-120.21		0.00004	(03010802)	70.71
-127.28	0.00003	(03021903)			
63.64	-134.35		0.00003	(03011622)	56.57
-141.42	0.00002	(03122809)			
49.50	-148.49		0.00002	(03032002)	42.43
-155.56	0.00002	(03021020)			
35.36	-162.63		0.00002	(03011805)	28.28
-169.71	0.00002	(03011008)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Di recti on  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-42.43	176.78	-35.36	(03040805)	0.00002	(03122802)	169.71
-56.57	162.63	-49.50	(03111923)	0.00002	(03081003)	155.56
-70.71	148.49	-63.64	(03112402)	0.00002	(03021224)	141.42
-84.85	134.35	-77.78	(03050107)	0.00003	(03121723)	127.28
-91.92	123.74	-88.39	(03012806)	0.00004	(03081004)	120.21
-95.46	118.09	-94.05	(03042424)	0.00005	(03090206)	116.67
-98.29	115.26	-96.87	(03110601)	0.00006	(03021708)	113.84
-112.43	112.43	-99.70	(03082104)	0.00007	(03031005)	99.70
-115.26	98.29	-113.84	(03010905)	0.00007	(03022722)	96.87
-118.09	95.46	-116.67	(03102603)	0.00006	(03042003)	94.05
-123.74	91.92	-120.21	(03120421)	0.00005	(03100306)	88.39
-134.35	84.85	-127.28	(03091306)	0.00004	(03122703)	77.78
-148.49	70.71	-141.42	(03031606)	0.00003	(03102003)	63.64
-162.63	56.57	-155.56	(03092204)	0.00002	(03112502)	49.50
-176.78	42.43	-169.71	(03011805)	0.00002	(03120503)	35.36
-49.50	183.85	-42.43	(03012108)	0.00002	(03040805)	176.78
-63.64	169.71	-56.57	(03111908)	0.00002	(03050306)	162.63
-77.78	155.56	-70.71	(03111207)	0.00002	(03030703)	148.49
-91.92	141.42	-84.85	(03122507)	0.00003	(03031624)	134.35
-98.99	130.81	-95.46	(03030501)	0.00005	(03022122)	127.28

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-102.53	125.16	-101.12	0.00006	(03012503)	123.74
		(03112404)			
-105.36	122.33	-103.94	0.00006	(03032407)	120.92
		(03010908)			
-119.50	119.50	-106.77	0.00007	(03121803)	106.77
		(03112805)			
-122.33	105.36	-120.92	0.00007	(03102721)	103.94
		(03030804)			
-125.16	102.53	-123.74	0.00006	(03120324)	101.12
		(03110604)			
-130.81	98.99	-127.28	0.00005	(03101924)	95.46
		(03021207)			
-141.42	91.92	-134.35	0.00004	(03031006)	84.85
		(03040801)			
-155.56	77.78	-148.49	0.00003	(03110207)	70.71
		(03030607)			
-169.71	63.64	-162.63	0.00002	(03112006)	56.57
		(03121608)			
-183.85	49.50	-176.78	0.00002	(03010109)	42.43
		(03021804)			
-56.57	190.92	-49.50	0.00002	(03091105)	183.85
		(03050124)			
-70.71	176.78	-63.64	0.00002	(03101606)	169.71
		(03022824)			
-84.85	162.63	-77.78	0.00003	(03090705)	155.56
		(03110123)			
-98.99	148.49	-91.92	0.00003	(03122806)	141.42
		(03051902)			
-106.07	137.89	-102.53	0.00005	(03091005)	134.35
		(03101205)			
-109.60	132.23	-108.19	0.00006	(03121207)	130.81
		(03032407)			
-112.43	129.40	-111.02	0.00006	(03011721)	127.99
		(03040702)			
-126.57	126.57	-113.84	0.00007	(03022707)	113.84
		(03052006)			
-129.40	112.43	-127.99	0.00007	(03111608)	111.02
		(03102721)			
-132.23	109.60	-130.81	0.00006	(03030804)	108.19
		(03120324)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
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 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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 (YYMMDDHH) X-COORD (M)  
 Y-COORD (M) CONC (YYMMDDHH)

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-137.89	106.07	-134.35	0.00005	(03020724)	102.53
		0.00005	(03010104)		
	98.99	-141.42	0.00004	(03121623)	91.92
-148.49		0.00003	(03030902)		
	84.85	-155.56	0.00003	(03030503)	77.78
-162.63		0.00003	(03020303)		
	70.71	-169.71	0.00002	(03031606)	63.64
-176.78		0.00002	(03112006)		
	56.57	-183.85	0.00002	(03021904)	49.50
-190.92		0.00002	(03021704)		
	197.99	-56.57	0.00002	(03012020)	190.92
-63.64		0.00002	(03101601)		
	183.85	-70.71	0.00002	(03111908)	176.78
-77.78		0.00002	(03080907)		
	169.71	-84.85	0.00003	(03080805)	162.63
-91.92		0.00003	(03121723)		
	155.56	-98.99	0.00003	(03081924)	148.49
-106.07		0.00004	(03022122)		
	144.96	-109.60	0.00005	(03030501)	141.42
-113.14		0.00005	(03111006)		
	139.30	-115.26	0.00005	(03032407)	137.89
-116.67		0.00006	(03011721)		
	136.47	-118.09	0.00006	(03040702)	135.06
-119.50		0.00006	(03050101)		
	133.64	-120.92	0.00006	(03112406)	120.92
-133.64		0.00006	(03082106)		
	119.50	-135.06	0.00006	(03101303)	118.09
-136.47		0.00006	(03021706)		
	116.67	-137.89	0.00006	(03102721)	115.26
-139.30		0.00005	(03040906)		
	113.14	-141.42	0.00005	(03062705)	109.60
-144.96		0.00005	(03020904)		
	106.07	-148.49	0.00004	(03021207)	98.99
-155.56		0.00003	(03020908)		
	91.92	-162.63	0.00003	(03091306)	84.85
-169.71		0.00003	(03010620)		
	77.78	-176.78	0.00002	(03112424)	70.71
-183.85		0.00002	(03020302)		
	63.64	-190.92	0.00002	(03032706)	56.57
-197.99		0.00002	(03032002)		
	205.06	-63.64	0.00002	(03112601)	197.99
-70.71		0.00002	(03051603)		
	190.92	-77.78	0.00002	(03022824)	183.85
-84.85		0.00002	(03090705)		
	176.78	-91.92	0.00003	(03111723)	169.71
-98.99		0.00003	(03120707)		
	162.63	-106.07	0.00003	(03051005)	155.56
-113.14		0.00004	(03092307)		
	152.03	-116.67	0.00004	(03121201)	148.49
-120.21		0.00005	(03041422)		
	146.37	-122.33	0.00005	(03011721)	144.96
-123.74		0.00005	(03111801)		
	143.54	-125.16	0.00005	(03022802)	142.13
-126.57		0.00005	(03010421)		
	140.71	-127.99	0.00005	(03111102)	127.99
-140.71		0.00005	(03082407)		
	126.57	-142.13	0.00005	(03020604)	125.16
-143.54		0.00005	(03012501)		
	123.74	-144.96	0.00005	(03040705)	122.33
-146.37		0.00005	(03102721)		
	120.21	-148.49	0.00005	(03040804)	116.67
-152.03		0.00004	(03010704)		
	113.14	-155.56	0.00004	(03022503)	106.07

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-162.63	0.00003	(03022807)			
98.99	-169.71		0.00003	(03121422)	91.92
-176.78	0.00003	(03030503)			
84.85	-183.85		0.00002	(03112603)	77.78
-190.92	0.00002	(03022803)			
70.71	-197.99		0.00002	(03122809)	63.64
-205.06	0.00002	(03032706)			
212.13	-70.71		0.00002	(03102501)	205.06
-77.78	0.00002	(03021224)			
197.99	-84.85		0.00002	(03082503)	190.92
-91.92	0.00002	(03012609)			
183.85	-98.99		0.00003	(03102605)	176.78
-106.07	0.00003	(03072002)			
169.71	-113.14		0.00003	(03081004)	162.63
-120.21	0.00004	(03101524)			
159.10	-123.74		0.00004	(03112404)	155.56
-127.28	0.00004	(03033006)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
153.44	-129.40	0.00004	(03111801)	152.03	-130.81
150.61	-132.23	0.00005	(03102422)	149.20	-133.64
147.79	-135.06	0.00005	(03021705)	135.06	-147.79
133.64	-149.20	0.00005	(03111303)	132.23	-150.61
130.81	-152.03	0.00005	(03012501)	129.40	-153.44
127.28	-155.56	0.00004	(03091106)	123.74	-159.10
120.21	-162.63	0.00004	(03062523)	113.14	-169.71
106.07	-176.78	0.00003	(03121720)	98.99	-183.85
91.92	-190.92	0.00002	(03112709)	84.85	-197.99
77.78	-205.06	0.00002	(03031606)	70.71	-212.13
219.20	-77.78	0.00002	(03030303)	212.13	-84.85
205.06	-91.92	0.00002	(03030402)	197.99	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-98.99	190.92	0.00002	(03101404)	0.00003	(03081922)	183.85
-113.14	176.78	0.00003	(03121909)	0.00003	(03111706)	169.71
-127.28	166.17	0.00004	(03012503)	0.00004	(03041422)	162.63
-134.35	160.51	0.00004	(03011307)	0.00004	(03022802)	159.10
-137.89	157.68	0.00004	(03022707)	0.00004	(03112406)	156.27
-140.71	154.86	0.00004	(03041104)	0.00004	(03010323)	142.13
-154.86	140.71	0.00004	(03111108)	0.00004	(03121424)	139.30
-157.68	137.89	0.00004	(03082106)	0.00004	(03052006)	136.47
-160.51	134.35	0.00004	(03112805)	0.00004	(03082104)	130.81
-166.17	127.28	0.00004	(03040804)	0.00004	(03042003)	120.21
-176.78	113.14	0.00003	(03010104)	0.00003	(03031702)	106.07
-190.92	98.99	0.00003	(03091104)	0.00002	(03040305)	91.92
-205.06	84.85	0.00002	(03010620)	0.00002	(03011622)	77.78
-219.20	226.27	0.00002	(03031606)	0.00002	(03030703)	219.20
-91.92	212.13	0.00002	(03020304)	0.00002	(03051004)	205.06
-106.07	197.99	0.00002	(03032403)	0.00002	(03110509)	190.92
-120.21	183.85	0.00003	(03032408)	0.00003	(03012806)	176.78
-134.35	173.24	0.00003	(03121207)	0.00003	(03110601)	169.71
-141.42	167.58	0.00003	(03040702)	0.00004	(03050101)	166.17
-144.96	164.76	0.00004	(03012324)	0.00004	(03092108)	163.34
-147.79	161.93	0.00004	(03021705)	0.00004	(03111905)	149.20
-161.93	147.79	0.00004	(03111309)	0.00004	(03010407)	146.37
-164.76	144.96	0.00004	(03082407)	0.00004	(03011523)	143.54
-167.58	141.42	0.00004	(03101303)	0.00003	(03032907)	137.89
-173.24	134.35	0.00003	(03022722)	0.00003	(03120324)	127.28
-183.85	120.21	0.00003	(03100306)	0.00003	(03121623)	113.14
-197.99	106.07	0.00002	(03121720)	0.00002	(03111605)	98.99
-212.13	91.92	0.00002	(03021903)	0.00002	(03102003)	84.85
-226.27		0.00002	(03030607)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

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

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Direction

\*\*MODELOPTS:

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CONC 02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-98.99	233.35	-91.92	(03012609)	0.00002	(03090705)	226.27
-113.14	219.20	-106.07	(03092104)	0.00002	(03121723)	212.13
-127.28	205.06	-120.21	(03041407)	0.00002	(03030903)	197.99
-141.42	190.92	-134.35	(03041422)	0.00003	(03101524)	183.85
-148.49	180.31	-144.96	(03022802)	0.00003	(03011721)	176.78
-152.03	174.66	-150.61	(03041702)	0.00003	(03102422)	173.24
-154.86	171.83	-153.44	(03072606)	0.00003	(03041104)	170.41
-169.00	169.00	-156.27	(03062524)	0.00003	(03111721)	156.27
-171.83	154.86	-170.41	(03020402)	0.00003	(03110507)	153.44
-174.66	152.03	-173.24	(03020323)	0.00003	(03111303)	150.61
-180.31	148.49	-176.78	(03102721)	0.00003	(03010907)	144.96
-190.92	141.42	-183.85	(03051905)	0.00003	(03040804)	134.35
-205.06	127.28	-197.99	(03092208)	0.00002	(03021207)	120.21
-219.20	113.14	-212.13	(03032324)	0.00002	(03110323)	106.07
-233.35	98.99	-226.27	(03112603)	0.00002	(03110207)	91.92
-106.07	240.42	-98.99	(03101404)	0.00002	(03112303)	233.35
-120.21	226.27	-113.14	(03041701)	0.00002	(03102423)	219.20
-134.35	212.13	-127.28	(03051903)	0.00002	(03111106)	205.06
-148.49	197.99	-141.42	(03110601)	0.00002	(03121201)	190.92
-155.56	187.38	-152.03	(03050101)	0.00003	(03031005)	183.85
-159.10	181.73	-157.68	(03031024)	0.00003	(03112406)	180.31
-161.93	178.90	-160.51	(03010323)	0.00003	(03021705)	177.48
-176.07	176.07	-163.34	(03030505)	0.00003	(03030407)	163.34

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-178.90	161.93	-177.48	0.00003	(03030704)	160.51
		(03010407)			
-181.73	159.10	-180.31	0.00003	(03082407)	157.68
		(03082106)			
-187.38	155.56	-183.85	0.00003	(03101303)	152.03
		(03082104)			
-197.99	148.49	-190.92	0.00003	(03022722)	141.42
		(03010704)			
-212.13	134.35	-205.06	0.00002	(03111024)	127.28
		(03112403)			
-226.27	120.21	-219.20	0.00002	(03112804)	113.14
		(03040801)			
-240.42	106.07	-233.35	0.00002	(03010204)	98.99
		(03010620)			
-113.14	247.49	-106.07	0.00002	(03111723)	240.42
		(03102605)			
-127.28	233.35	-120.21	0.00002	(03122806)	226.27
		(03121518)			
-141.42	219.20	-134.35	0.00002	(03011623)	212.13
		(03080804)			
-155.56	205.06	-148.49	0.00002	(03042424)	197.99
		(03102708)			
-162.63	194.45	-159.10	0.00002	(03011604)	190.92
		(03102422)			
-166.17	188.80	-164.76	0.00003	(03041702)	187.38
		(03021723)			
-169.00	185.97	-167.58	0.00003	(03072606)	184.55
		(03111905)			
-183.14	183.14	-170.41	0.00003	(03122003)	170.41
		(03092107)			
-185.97	169.00	-184.55	0.00003	(03111309)	167.58
		(03110507)			
-188.80	166.17	-187.38	0.00003	(03020402)	164.76
		(03111303)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
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Direction \*\*\* Maximum train overlap at SE/NW Bound  
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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-194.45	162.63	-190.92	0.00003	(03030404)	159.10
		(03111608)			
-205.06	155.56	-197.99	0.00002	(03032903)	148.49
		(03062705)			
-219.20	141.42	-212.13	0.00002	(03030904)	134.35
		(03110524)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 127.28 -226.27 0.00002 (03092208) 120.21  
 -233.35 0.00002 (03030902)  
 113.14 -240.42 0.00002 (03102407) 106.07  
 -247.49 0.00002 (03030503)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37  
 Direction \*\*\*  
 \*\*MODELOPTs:

PAGE 63  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-106.07	247.49	0.00001	(03041101)	-113.14
240.42	0.00001 (03042303)			
-120.21	233.35	0.00001	(03091207)	-127.28
226.27	0.00001 (03102103)			
-134.35	219.20	0.00001	(03021103)	-141.42
212.13	0.00001 (03011823)			
-148.49	205.06	0.00001	(03101401)	-155.56
197.99	0.00001 (03021902)			
-159.10	194.45	0.00001	(03011323)	-162.63
190.92	0.00001 (03091404)			
-164.76	188.80	0.00001	(03021301)	-166.17
187.38	0.00001 (03062806)			
-167.58	185.97	0.00001	(03011809)	-169.00
184.55	0.00001 (03122124)			
-170.41	183.14	0.00001	(03052005)	-183.14
170.41	0.00001 (03050702)			
-184.55	169.00	0.00001	(03121508)	-185.97
167.58	0.00001 (03012105)			
-187.38	166.17	0.00001	(03052723)	-188.80
164.76	0.00001 (03092006)			
-190.92	162.63	0.00001	(03050704)	-194.45
159.10	0.00001 (03021005)			
-197.99	155.56	0.00001	(03120221)	-205.06
148.49	0.00001 (03091401)			
-212.13	141.42	0.00001	(03092302)	-219.20
134.35	0.00001 (03041807)			
-226.27	127.28	0.00001	(03112707)	-233.35
120.21	0.00001 (03030102)			
-240.42	113.14	0.00001	(03010504)	-247.49
106.07	0.00001 (03080705)			
-98.99	240.42	0.00001	(03011101)	-106.07
233.35	0.00001 (03052104)			
-113.14	226.27	0.00001	(03112808)	-120.21
219.20	0.00001 (03050624)			
-127.28	212.13	0.00001	(03102824)	-134.35
205.06	0.00001 (03090207)			

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

190.92	-141.42	0.00001	197.99	0.00001	(03021902)	-148.49
183.85	-152.03	0.00001	187.38	0.00001	(03100707)	-155.56
180.31	-157.68	0.00001	181.73	0.00001	(03112004)	-159.10
177.48	-160.51	0.00001	178.90	0.00001	(03022121)	-161.93
163.34	-163.34	0.00001	176.07	0.00001	(03052005)	-176.07
160.51	-177.48	0.00001	161.93	0.00001	(03112523)	-178.90
157.68	-180.31	0.00001	159.10	0.00001	(03052723)	-181.73
152.03	-183.85	0.00001	155.56	0.00001	(03050704)	-187.38
141.42	-190.92	0.00001	148.49	0.00001	(03120221)	-197.99
127.28	-205.06	0.00001	134.35	0.00001	(03102106)	-212.13
113.14	-219.20	0.00001	120.21	0.00001	(03010106)	-226.27
98.99	-233.35	0.00001	106.07	0.00001	(03041524)	-240.42
226.27	-91.92	0.00001	233.35	0.00001	(03060107)	-98.99
212.13	-106.07	0.00001	219.20	0.00001	(03122604)	-113.14
197.99	-120.21	0.00001	205.06	0.00001	(03041024)	-127.28
183.85	-134.35	0.00001	190.92	0.00001	(03082007)	-141.42
176.78	-144.96	0.00001	180.31	0.00001	(03031521)	-148.49
173.24	-150.61	0.00001	174.66	0.00001	(03033007)	-152.03
170.41	-153.44	0.00001	171.83	0.00001	(03022121)	-154.86
156.27	-156.27	0.00001	169.00	0.00001	(03102504)	-169.00
153.44	-170.41	0.00001	154.86	0.00001	(03112523)	-171.83
150.61	-173.24	0.00001	152.03	0.00001	(03092006)	-174.66

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

PAGE 64  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
144.96	-176.78	148.49	0.00001	(03050704)	-180.31
134.35	-183.85	141.42	0.00001	(03120221)	-190.92
120.21	-197.99	127.28	0.00001	(03012102)	-205.06
106.07	-212.13	113.14	0.00001	(03100905)	-219.20
91.92	-226.27	99.00	0.00001	(03080705)	-233.35
219.20	-84.85	226.27	0.00001	(03012506)	-91.92
205.06	-98.99	212.13	0.00001	(03082301)	-106.07
190.92	-113.14	197.99	0.00001	(03102208)	-120.21
176.78	-127.28	183.85	0.00001	(03020821)	-134.35
169.71	-137.89	173.24	0.00001	(03031521)	-141.42
166.17	-143.54	167.58	0.00001	(03091404)	-144.96
163.34	-146.37	164.76	0.00001	(03062806)	-147.79
149.20	-149.20	161.93	0.00001	(03122707)	-161.93
146.37	-163.34	147.79	0.00001	(03012105)	-164.76
143.54	-166.17	144.96	0.00001	(03092006)	-167.58
137.89	-169.71	141.42	0.00001	(03050704)	-173.24
127.28	-176.78	134.35	0.00001	(03120221)	-183.85
113.14	-190.92	120.21	0.00001	(03082206)	-197.99
99.00	-205.06	106.07	0.00001	(03041023)	-212.13
84.85	-219.20	91.92	0.00001	(03043023)	-226.27
212.13	-77.78	219.20	0.00001	(03122118)	-84.85
197.99	-91.92	205.06	0.00001	(03100903)	-98.99
183.85	-106.07	190.92	0.00001	(03031602)	-113.14
169.71	-120.21	176.78	0.00002	(03080704)	-127.28
162.63	-130.81	166.17	0.00002	(03021902)	-134.35
159.10	-136.47	160.51	0.00002	(03091404)	-137.89
156.27	-139.30	157.68	0.00002	(03062806)	-140.71
142.13	-142.13	154.86	0.00002	(03122707)	-154.86
139.30	-156.27	140.71	0.00002	(03012105)	-157.68
	-159.10	137.89	0.00002	(03092006)	-160.51

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

136.47	0.00002	(03050704)			
-162.63	134.35	0.00002	(03050704)		-166.17
130.81	0.00002	(03120221)			
-169.71	127.28	0.00002	(03041604)		-176.78
120.21	0.00002	(03052702)			
-183.85	113.14	0.00001	(03041807)		-190.92
106.07	0.00001	(03112707)			
-197.99	99.00	0.00001	(03092201)		-205.06
91.92	0.00001	(03050106)			
-212.13	84.85	0.00001	(03121520)		-219.20
77.78	0.00001	(03072703)			
-70.71	212.13	0.00001	(03101501)		-77.78
205.06	0.00001	(03011304)			
-84.85	197.99	0.00001	(03012021)		-91.92
190.92	0.00001	(03051303)			
-98.99	183.85	0.00002	(03090203)		-106.07
176.78	0.00002	(03102824)			
-113.14	169.71	0.00002	(03011823)		-120.21
162.63	0.00002	(03100907)			
-123.74	159.10	0.00002	(03040504)		-127.28
155.56	0.00002	(03032101)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-129.40	153.44	0.00002	(03022203)	-130.81
152.03	0.00002	(03091404)		
-132.23	150.61	0.00002	(03021301)	-133.64
149.20	0.00002	(03022121)		
-135.06	147.79	0.00002	(03122124)	-147.79
135.06	0.00002	(03112523)		
-149.20	133.64	0.00002	(03052723)	-150.61
132.23	0.00002	(03092006)		
-152.03	130.81	0.00002	(03092006)	-153.44
129.40	0.00002	(03050704)		
-155.56	127.28	0.00002	(03021005)	-159.10
123.74	0.00002	(03120221)		
-162.63	120.21	0.00002	(03091401)	-169.71
113.14	0.00002	(03092302)		
-176.78	106.07	0.00002	(03112609)	-183.85
98.99	0.00002	(03100905)		
-190.92	91.92	0.00001	(03010504)	-197.99
84.85	0.00001	(03080705)		
-205.06	77.78	0.00001	(03121521)	-212.13

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

70.71	0.00001	(03050507)			
-63.64	205.06		0.00001	(03031903)	-70.71
197.99	0.00001	(03122118)			
-77.78	190.92		0.00001	(03101702)	-84.85
183.85	0.00002	(03052104)			
-91.92	176.78		0.00002	(03091207)	-98.99
169.71	0.00002	(03041024)			
-106.07	162.63		0.00002	(03090207)	-113.14
155.56	0.00002	(03101401)			
-116.67	152.03		0.00002	(03040602)	-120.21
148.49	0.00002	(03100707)			
-122.33	146.37		0.00002	(03102620)	-123.74
144.96	0.00002	(03091404)			
-125.16	143.54		0.00002	(03020220)	-126.57
142.13	0.00002	(03062806)			
-127.99	140.71		0.00002	(03011809)	-140.71
127.99	0.00002	(03112523)			
-142.13	126.57		0.00002	(03052723)	-143.54
125.16	0.00002	(03092006)			
-144.96	123.74		0.00002	(03050704)	-146.37
122.33	0.00002	(03050704)			
-148.49	120.21		0.00002	(03021005)	-152.03
116.67	0.00002	(03120221)			
-155.56	113.14		0.00002	(03091401)	-162.63
106.07	0.00002	(03030103)			
-169.71	98.99		0.00002	(03051104)	-176.78
91.92	0.00002	(03041023)			
-183.85	84.85		0.00002	(03010903)	-190.92
77.78	0.00001	(03043023)			
-197.99	70.71		0.00001	(03072703)	-205.06
63.64	0.00001	(03112003)			
-56.57	197.99		0.00001	(03060101)	-63.64
190.92	0.00001	(03090108)			
-70.71	183.85		0.00002	(03011304)	-77.78
176.78	0.00002	(03032021)			
-84.85	169.71		0.00002	(03090105)	-91.92
162.63	0.00002	(03021822)			
-98.99	155.56		0.00002	(03041806)	-106.07
148.49	0.00002	(03042301)			
-109.60	144.96		0.00002	(03030923)	-113.14
141.42	0.00002	(03031521)			
-115.26	139.30		0.00002	(03011323)	-116.67
137.89	0.00002	(03022203)			
-118.09	136.47		0.00002	(03033007)	-119.50
135.06	0.00002	(03062806)			
-120.92	133.64		0.00002	(03011809)	-133.64
120.92	0.00002	(03012105)			
-135.06	119.50		0.00002	(03052723)	-136.47
118.09	0.00002	(03092006)			
-137.89	116.67		0.00002	(03050704)	-139.30
115.26	0.00002	(03050704)			
-141.42	113.14		0.00002	(03021005)	-144.96
109.60	0.00002	(03041604)			
-148.49	106.07		0.00002	(03110308)	-155.56
98.99	0.00002	(03012102)			
-162.63	91.92		0.00002	(03112707)	-169.71
84.85	0.00002	(03040106)			
-176.78	77.78		0.00002	(03080705)	-183.85
70.71	0.00002	(03121521)			
-190.92	63.64		0.00001	(03122302)	-197.99
56.57	0.00001	(03032206)			

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

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-49.50	183.85	190.92	(03031903)	0.00001	(03091206)	-56.57
-63.64	169.71	176.78	(03121303)	0.00002	(03122118)	-70.71
-77.78	155.56	162.63	(03102802)	0.00002	(03042303)	-84.85
-91.92	141.42	148.49	(03020821)	0.00002	(03080904)	-98.99
-102.53	134.35	137.89	(03021902)	0.00002	(03100907)	-106.07
-108.19	130.81	132.23	(03102620)	0.00002	(03032101)	-109.60
-111.02	127.99	129.40	(03021301)	0.00002	(03091404)	-112.43
-113.84	113.84	126.57	(03012105)	0.00002	(03022121)	-126.57
-127.99	111.02	112.43	(03050704)	0.00002	(03092006)	-129.40
-130.81	108.19	109.60	(03021005)	0.00002	(03050704)	-132.23
-134.35	102.53	106.07	(03091401)	0.00002	(03120221)	-137.89
-141.42	91.92	98.99	(03041807)	0.00002	(03052702)	-148.49
-155.56	77.78	84.85	(03011102)	0.00002	(03100905)	-162.63
-169.71	63.64	70.71	(03072703)	0.00002	(03043023)	-176.78
-183.85	49.50	56.57	(03120708)	0.00002	(03050903)	-190.92
-42.43	176.78	183.85	(03011723)	0.00002	(03081203)	-49.50
-56.57	162.63	169.71	(03011304)	0.00002	(03090108)	-63.64
-70.71	148.49	155.56	(03061505)	0.00002	(03100903)	-77.78
-84.85	134.35	141.42	(03011823)	0.00002	(03041024)	-91.92
-95.46	127.28	130.81	(03040504)	0.00002	(03101401)	-98.99
-101.12	123.74	125.16	(03020607)	0.00003	(03031521)	-102.53

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

120.92	-103.94	0.00003	122.33 (03112004)	0.00003	(03022203)	-105.36
106.77	-106.77	0.00003	119.50 (03052723)	0.00003	(03062806)	-119.50
103.94	-120.92	0.00003	105.36 (03050704)	0.00003	(03092006)	-122.33
101.12	-123.74	0.00003	102.53 (03021005)	0.00003	(03050704)	-125.16
95.46	-127.28	0.00002	98.99 (03043001)	0.00003	(03120221)	-130.81
84.85	-134.35	0.00002	91.92 (03021009)	0.00002	(03052702)	-141.42
70.71	-148.49	0.00002	77.78 (03080705)	0.00002	(03021605)	-155.56
56.57	-162.63	0.00002	63.64 (03112003)	0.00002	(03121521)	-169.71
42.43	-176.78	0.00002	49.50 (03040505)	0.00002	(03041506)	-183.85
169.71	-35.36	0.00002	176.78 (03081504)	0.00002	(03060206)	-42.43
155.56	-49.50	0.00002	162.63 (03062701)	0.00002	(03081701)	-56.57
141.42	-63.64	0.00002	148.49 (03122604)	0.00002	(03011101)	-70.71
127.28	-77.78	0.00003	134.35 (03090207)	0.00002	(03102103)	-84.85
120.21	-88.39	0.00003	123.74 (03030923)	0.00003	(03121704)	-91.92
116.67	-94.05	0.00003	118.09 (03100707)	0.00003	(03021902)	-95.46
113.84	-96.87	0.00003	115.26 (03091404)	0.00003	(03102620)	-98.29
99.70	-99.70	0.00003	112.43 (03092006)	0.00003	(03062806)	-112.43
96.87	-113.84	0.00003	98.29 (03050704)	0.00003	(03092006)	-115.26
94.05	-116.67	0.00003	95.46 (03120221)	0.00003	(03021005)	-118.09

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14: 51: 37

Direction  
 \*\*MODELOPTS:

PAGE 67  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
88.39	-120.21	0.00003	91.92 (03110308)	-123.74

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
77.78	-127.28	84.85	0.00003	(03102106)	-134.35
63.64	-141.42	70.71	0.00002	(03040106)	-148.49
49.50	-155.56	56.57	0.00002	(03072703)	-162.63
35.36	-169.71	42.43	0.00002	(03040505)	-176.78
162.63	-28.28	169.71	0.00002	(03041503)	-35.36
148.49	-42.43	155.56	0.00002	(03070407)	-49.50
134.35	-56.57	141.42	0.00002	(03011304)	-63.64
120.21	-70.71	127.28	0.00003	(03072806)	-77.78
113.14	-81.32	116.67	0.00003	(03080704)	-84.85
109.60	-86.97	111.02	0.00003	(03040504)	-88.39
106.77	-89.80	108.19	0.00003	(03011323)	-91.22
92.63	-92.63	105.36	0.00003	(03020220)	-105.36
89.80	-106.77	91.22	0.00003	(03050704)	-108.19
86.97	-109.60	88.39	0.00003	(03021005)	-111.02
81.32	-113.14	84.85	0.00003	(03102124)	-116.67
70.71	-120.21	77.78	0.00003	(03012102)	-127.28
56.57	-134.35	63.64	0.00002	(03010903)	-141.42
42.43	-148.49	49.50	0.00002	(03112003)	-155.56
28.28	-162.63	35.36	0.00002	(03111123)	-169.71
155.56	-21.21	162.63	0.00002	(03052624)	-28.28
141.42	-35.36	148.49	0.00002	(03081203)	-42.43
127.28	-49.50	134.35	0.00002	(03062701)	-56.57
113.14	-63.64	120.21	0.00003	(03061505)	-70.71
106.07	-74.25	109.60	0.00003	(03090207)	-77.78
102.53	-79.90	103.94	0.00004	(03030923)	-81.32
99.70	-82.73	101.12	0.00004	(03100707)	-84.15
85.56	-85.56	98.29	0.00004	(03033007)	-98.29
82.73	-99.70	84.15	0.00004	(03050704)	-101.12
79.90	-102.53	81.32	0.00004	(03120221)	-103.94
74.25	-106.07	77.78	0.00003	(03043001)	-109.60
63.64	-113.14	70.71	0.00003	(03052707)	-120.21
	-127.28	56.57	0.00003	(03043023)	-134.35

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

49.50	-141.42	0.00002	(03072703)	42.43	0.00002	(03032206)	-148.49
35.36	-155.56	0.00002	(03040505)	28.28	0.00002	(03111520)	-162.63
21.21	-14.14	0.00002	(03012602)	155.56	0.00002	(03101607)	-21.21
148.49	-28.28	0.00002	(03041501)	141.42	0.00002	(03051022)	-35.36
134.35	-42.43	0.00002	(03081504)	127.28	0.00003	(03031903)	-49.50
120.21	-56.57	0.00003	(03090106)	113.14	0.00003	(03101224)	-63.64
106.07	-67.18	0.00004	(03042305)	102.53	0.00004	(03041806)	-70.71
98.99		0.00004	(03020821)				

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 68  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
95.46	-72.83	0.00004	(03100907)	-74.25
92.63	-75.66	0.00004	(03031521)	-77.07
78.49	-78.49	0.00004	(03091404)	-91.22
75.66	-92.63	0.00004	(03021005)	-94.05
72.83	-95.46	0.00004	(03120221)	-96.87
67.18	-98.99	0.00004	(03110308)	-102.53
56.57	-106.07	0.00004	(03051104)	-113.14
42.43	-120.21	0.00003	(03013007)	-127.28
28.28	-134.35	0.00002	(03040505)	-141.42
14.14	-148.49	0.00002	(03022501)	-155.56
141.42	-7.07	0.00002	(03032401)	-14.14
127.28	-21.21	0.00002	(03010902)	-28.28
	-35.36	0.00003	(03011723)	-42.43

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

113.14	0.00003	(03051306)	0.00003	(03013107)	-56.57
-49.50	106.07				
98.99	0.00004	(03011706)	0.00004	(03102824)	-63.64
-60.10	95.46				
91.92	0.00004	(03011823)	0.00004	(03042301)	-67.18
-65.76	89.80				
88.39	0.00005	(03100907)	0.00005	(03040504)	-70.00
-68.59	86.97				
85.56	0.00005	(03031521)	0.00005	(03102620)	-84.15
-71.42	84.15				
71.42	0.00005	(03050704)	0.00005	(03021005)	-86.97
-85.56	70.00				
68.59	0.00005	(03120221)	0.00005	(03102124)	-89.80
-88.39	67.18				
65.76	0.00004	(03110308)	0.00004	(03092302)	-95.46
-91.92	63.64				
60.10	0.00004	(03052707)	0.00004	(03010106)	-106.07
-98.99	56.57				
49.50	0.00003	(03080705)	0.00003	(03072703)	-120.21
-113.14	42.43				
35.36	0.00003	(03120708)	0.00002	(03111123)	-134.35
-127.28	28.28				
21.21	0.00002	(03022501)	0.00002	(03101407)	-148.49
-141.42	14.14				
7.07	0.00002	(03111206)	0.00002	(03050502)	-7.07
0.00	141.42				
134.35	0.00002	(03082224)	0.00002	(03121507)	-21.21
-14.14	127.28				
120.21	0.00002	(03101305)	0.00003	(03081203)	-35.36
-28.28	113.14				
106.07	0.00003	(03040603)	0.00003	(03101124)	-49.50
-42.43	98.99				
91.92	0.00004	(03112808)	0.00004	(03102103)	-56.57
-53.03	88.39				
84.85	0.00005	(03041806)	0.00005	(03080704)	-60.10
-58.69	82.73				
81.32	0.00005	(03042301)	0.00005	(03060105)	-62.93
-61.52	79.90				
78.49	0.00005	(03021902)	0.00005	(03032101)	-77.07
-64.35	77.07				
64.35	0.00005	(03021005)	0.00005	(03120221)	-79.90
-78.49	62.93				
61.52	0.00005	(03102124)	0.00005	(03043001)	-82.73
-81.32	60.10				
58.69	0.00005	(03052702)	0.00005	(03012102)	-88.39
-84.85	56.57				
53.03	0.00004	(03112707)	0.00004	(03021502)	-98.99
-91.92	49.50				
42.43	0.00003	(03013007)	0.00003	(03050903)	-113.14
-106.07	35.36				
28.28	0.00003	(03040505)	0.00002	(03101204)	-127.28
-120.21	21.21				
14.14	0.00002	(03101407)	0.00002	(03111206)	-141.42
-134.35	7.07				
0.00	0.00002	(03101306)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTS:

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)	(YYMMDDHH)		
127.28	7.07	134.35	0.00002	(03050502)	(03100904)	0.00
113.14	-7.07	120.21	0.00002	(03021204)	(03082302)	-14.14
98.99	-21.21	106.07	0.00003	(03070304)	(03052706)	-28.28
84.85	-35.36	91.92	0.00003	(03082301)	(03062701)	-42.43
77.78	-45.96	81.32	0.00004	(03102824)	(03110701)	-49.50
74.25	-51.62	75.66	0.00005	(03080704)	(03052823)	-53.03
71.42	-54.45	72.83	0.00006	(03030923)	(03042301)	-55.86
57.28	-57.28	70.00	0.00006	(03021005)	(03031521)	-70.00
54.45	-71.42	55.86	0.00006	(03043001)	(03041604)	-72.83
51.62	-74.25	53.03	0.00005	(03012102)	(03052702)	-75.66
45.96	-77.78	49.50	0.00005	(03091205)	(03031902)	-81.32
35.36	-84.85	42.43	0.00003	(03072703)	(03041524)	-91.92
21.21	-98.99	28.28	0.00003	(03010324)	(03120708)	-106.07
7.07	-113.14	14.14	0.00002	(03061307)	(03102606)	-120.21
-7.07	-127.28	0.00	0.00002	(03020222)	(03101306)	-134.35
120.21	14.14	127.28	0.00002	(03010702)	(03101222)	7.07
106.07	0.00	113.14	0.00002	(03101607)	(03020522)	-7.07
91.92	-14.14	98.99	0.00003	(03091722)	(03041503)	-21.21
77.78	-28.28	84.85	0.00003	(03092508)	(03090123)	-35.36
70.71	-38.89	74.25	0.00004	(03031602)	(03051303)	-42.43
67.18	-44.55	68.59	0.00005	(03052823)	(03102824)	-45.96
64.35	-47.38	65.76	0.00006	(03033103)	(03080704)	-48.79
50.20	-50.20	62.93	0.00007	(03120221)	(03021606)	-62.93
47.38	-64.35	48.79	0.00007	(03052702)	(03043001)	-65.76

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

44.55	-67.18	0.00006	45.96 (03052707)	0.00006	(03012102)	-68.59
38.89	-70.71	0.00005	42.43 (03040106)	0.00005	(03112707)	-74.25
28.28	-77.78	0.00003	35.36 (03112003)	0.00004	(03043023)	-84.85
14.14	-91.92	0.00003	21.21 (03101204)	0.00003	(03040505)	-98.99
0.00	-106.07	0.00002	7.07 (03031705)	0.00002	(03010701)	-113.14
-14.14	-120.21	0.00002	-7.07 (03032306)	0.00002	(03111019)	-127.28
113.14	21.21	0.00002	120.21 (03060204)	0.00002	(03060106)	14.14
98.99	7.07	0.00002	106.07 (03032401)	0.00002	(03091705)	0.00
84.85	-7.07	0.00003	91.92 (03091924)	0.00002	(03052624)	-14.14
70.71	-21.21	0.00004	77.78 (03101702)	0.00003	(03062424)	-28.28
63.64	-31.82	0.00005	67.18 (03051504)	0.00005	(03082301)	-35.36
60.10	-37.48	0.00006	61.52 (03102824)	0.00006	(03042305)	-38.89
57.28	-40.31	0.00007	58.69 (03080704)	0.00006	(03052823)	-41.72
43.13	-43.13	0.00007	55.86 (03091401)	0.00007	(03100907)	-55.86
40.31	-57.28	0.00006	41.72 (03012102)	0.00007	(03052702)	-58.69
37.48	-60.10	0.00006	38.89 (03051104)	0.00006	(03052707)	-61.52

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
31.82	-63.64	0.00005	35.36 (03041524)	0.00005	(03091205)	-67.18
21.21	-70.71	0.00003	28.28 (03050903)	0.00004	(03043023)	-77.78
7.07	-84.85	0.00002	14.14 (03102606)	0.00003	(03111123)	-91.92
-7.07	-98.99	0.00002	0.00 (03101306)	0.00002	(03061307)	-106.07

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-21.21	-113.14	0.00002	-14.14	(03032306)	-120.21
106.07	28.28	0.00002	113.14	(03021824)	21.21
91.92	14.14	0.00002	98.99	(03041102)	7.07
77.78	0.00	0.00002	84.85	(03101607)	-7.07
63.64	-14.14	0.00003	70.71	(03070407)	-21.21
56.57	-24.75	0.00004	60.10	(03011002)	-28.28
53.03	-30.41	0.00005	54.45	(03030721)	-31.82
50.20	-33.23	0.00006	51.62	(03021103)	-34.65
36.06	-36.06	0.00007	48.79	(03121704)	-48.79
33.23	-50.20	0.00007	34.65	(03102106)	-51.62
30.41	-53.03	0.00006	31.82	(03040105)	-54.45
24.75	-56.57	0.00005	28.28	(03052806)	-60.10
14.14	-63.64	0.00004	21.21	(03112001)	-70.71
0.00	-77.78	0.00003	7.07	(03101204)	-84.85
-14.14	-91.92	0.00002	-7.07	(03121122)	-98.99
-28.28	-106.07	0.00002	-21.21	(03020222)	-113.14
98.99	35.36	0.00002	106.07	(03032104)	28.28
84.85	21.21	0.00002	91.92	(03122603)	14.14
70.71	7.07	0.00002	77.78	(03120106)	0.00
56.57	-7.07	0.00003	63.64	(03091322)	-14.14
49.50	-17.68	0.00004	53.03	(03062506)	-21.21
45.96	-23.33	0.00004	47.38	(03081203)	-24.75
43.13	-26.16	0.00005	44.55	(03051303)	-27.58
28.99	-28.99	0.00006	41.72	(03102824)	-41.72
26.16	-43.13	0.00007	27.58	(03080704)	-44.55
23.33	-45.96	0.00007	24.75	(03012102)	-47.38
17.68	-49.50	0.00006	21.21	(03051104)	-53.03
7.07	-56.57	0.00005	14.14	(03010504)	-63.64
-7.07	-70.71	0.00004	0.00	(03050507)	-77.78
-21.21	-84.85	0.00003	-14.14	(03012602)	-91.92
-35.36	-98.99	0.00002	-28.28	(03020222)	-106.07
	42.43	0.00002	98.99	(03020408)	35.36
		0.00002		(03040624)	
		0.00002		(03032106)	
		0.00002		(03012823)	

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
91.92	0.00002	(03052303)			
28.28	84.85	0.00002	(03042001)		21.21
77.78	0.00002	(03091708)			
14.14	70.71	0.00002	(03091705)		7.07
63.64	0.00003	(03111822)			
0.00	56.57	0.00003	(03051022)		-7.07
49.50	0.00004	(03040603)			
-10.61	45.96	0.00004	(03012506)		-14.14
42.43	0.00004	(03020321)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-16.26	40.31	0.00005	(03112808)	-17.68
38.89	0.00005	(03072806)		
-19.09	37.48	0.00006	(03041024)	-20.51
36.06	0.00006	(03021103)		
-21.92	34.65	0.00007	(03011823)	-34.65
21.92	0.00007	(03092302)		
-36.06	20.51	0.00006	(03082206)	-37.48
19.09	0.00006	(03051104)		
-38.89	17.68	0.00005	(03010106)	-40.31
16.26	0.00005	(03021502)		
-42.43	14.14	0.00004	(03050106)	-45.96
10.61	0.00004	(03121521)		
-49.50	7.07	0.00003	(03050903)	-56.57
0.00	0.00003	(03010320)		
-63.64	-7.07	0.00003	(03010701)	-70.71
-14.14	0.00002	(03101306)		
-77.78	-21.21	0.00002	(03122201)	-84.85
-28.28	0.00002	(03040624)		
-91.92	-35.36	0.00002	(03032106)	-98.99
-42.43	0.00002	(03021607)		
49.50	91.92	0.00002	(03091202)	42.43
84.85	0.00002	(03101201)		
35.36	77.78	0.00002	(03052303)	28.28
70.71	0.00002	(03041003)		
21.21	63.64	0.00002	(03060204)	14.14
56.57	0.00002	(03101323)		
7.07	49.50	0.00003	(03041501)	0.00
42.43	0.00003	(03091206)		
-3.54	38.89	0.00004	(03101501)	-7.07
35.36	0.00004	(03011101)		
-9.19	33.23	0.00004	(03042303)	-10.61

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

31.82	0.00005	(03061505)			
-12.02	0.00005	30.41	0.00005	(03031602)	-13.44
28.99	0.00006	(03102824)			
-14.85	0.00006	27.58	0.00006	(03090207)	-27.58
14.85	0.00006	(03030103)			
-28.99	0.00006	13.44	0.00006	(03112609)	-30.41
12.02	0.00005	(03112707)			
-31.82	0.00005	10.61	0.00005	(03021605)	-33.23
9.19	0.00004	(03010504)			
-35.36	0.00004	7.07	0.00004	(03043023)	-38.89
3.54	0.00004	(03050507)			
-42.43	0.00003	0.00	0.00003	(03120708)	-49.50
-7.07	0.00003	(03012602)			
-56.57	0.00002	-14.14	0.00002	(03121122)	-63.64
-21.21	0.00002	(03032306)			
-70.71	0.00002	-28.28	0.00002	(03040624)	-77.78
-35.36	0.00002	(03032106)			
-84.85	0.00002	-42.43	0.00002	(03021607)	-91.92
-49.50	0.00002	(03010822)			
56.57	0.00002	84.85	0.00002	(03031523)	49.50
77.78	0.00002	(03040107)			
42.43	0.00002	70.71	0.00002	(03072601)	35.36
63.64	0.00002	(03122603)			
28.28	0.00002	56.57	0.00002	(03042624)	21.21
49.50	0.00002	(03122709)			
14.14	0.00003	42.43	0.00003	(03010924)	7.07
35.36	0.00003	(03091924)			
3.54	0.00003	31.82	0.00003	(03040507)	0.00
28.28	0.00004	(03012506)			
-2.12	0.00004	26.16	0.00004	(03012021)	-3.54
24.75	0.00004	(03101224)			
-4.95	0.00005	23.33	0.00005	(03091207)	-6.36
21.92	0.00005	(03102208)			
-7.78	0.00006	20.51	0.00006	(03021103)	-20.51
7.78	0.00006	(03082206)			
-21.92	0.00005	6.36	0.00005	(03051104)	-23.33
4.95	0.00005	(03041023)			
-24.75	0.00004	3.54	0.00004	(03010504)	-26.16
2.12	0.00004	(03080705)			
-28.28	0.00004	0.00	0.00004	(03112001)	-31.82
-3.54	0.00003	(03032206)			
-35.36	0.00003	-7.07	0.00003	(03111123)	-42.43
-14.14	0.00003	(03072904)			
-49.50	0.00002	-21.21	0.00002	(03020222)	-56.57
-28.28	0.00002	(03040624)			
-63.64	0.00002	-35.36	0.00002	(03032106)	-70.71
-42.43	0.00002	(03101801)			
-77.78	0.00002	-49.50	0.00002	(03010822)	-84.85
-56.57	0.00002	(03111306)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

\*\*\* 06/13/08

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

\*\*\* 14:51:37

Direction

\*\*MODELOPTS:

CONC

PAGE 72  
URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3		
		**				
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
70.71	63.64	77.78	(03071105)	0.00002	(03012907)	56.57
56.57	49.50	63.64	(03111518)	0.00002	(03013106)	42.43
42.43	35.36	49.50	(03062202)	0.00002	(03052303)	28.28
28.28	21.21	35.36	(03041501)	0.00002	(03091705)	14.14
21.21	10.61	24.75	(03111804)	0.00003	(03111403)	7.07
17.68	4.95	19.09	(03030724)	0.00004	(03012506)	3.54
14.85	2.12	16.26	(03110701)	0.00004	(03042303)	0.71
0.71	-0.71	13.44	(03040105)	0.00005	(03041024)	-13.44
-2.12	-14.85	-0.71	(03011102)	0.00004	(03041023)	-16.26
-4.95	-17.68	-3.54	(03112703)	0.00004	(03043023)	-19.09
-10.61	-21.21	-7.07	(03111123)	0.00003	(03112003)	-24.75
-21.21	-28.28	-14.14	(03101306)	0.00003	(03031009)	-35.36
-35.36	-42.43	-28.28	(03032106)	0.00002	(03110919)	-49.50
-49.50	-56.57	-42.43	(03021609)	0.00002	(03011906)	-63.64
-63.64	-70.71	-56.57	(03110304)	0.00002	(03120102)	-77.78
63.64	70.71	70.71	(03021322)	0.00002	(03101405)	63.64
49.50	56.57	56.57	(03111902)	0.00002	(03020605)	49.50
35.36	42.43	42.43	(03031004)	0.00002	(03041005)	35.36
21.21	28.28	28.28	(03120524)	0.00002	(03120106)	21.21
14.14	17.68	17.68	(03110123)	0.00003	(03080907)	14.14
10.61	12.02	12.02	(03062701)	0.00003	(03040603)	10.61
7.78	9.19	9.19	(03041407)	0.00003	(03122507)	7.78
-6.36	6.36	6.36	(03091205)	0.00004	(03111103)	-6.36
-9.19	-7.78	-7.78	(03121520)	0.00004	(03041524)	-9.19
-12.02	-10.61	-10.61	(03121422)	0.00003	(03112804)	-12.02
-17.68	-14.14	-14.14	(03011622)	0.00003	(03030503)	-17.68
-28.28	-21.21	-21.21	(03021020)	0.00002	(03112006)	-28.28

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
-42.43	-35.36	0.00002	(03120101)	0.00002	(03032106)	-42.43
-56.57	-49.50	0.00002	(03102706)	0.00002	(03112409)	-56.57
-70.71	-63.64	0.00002	(03021409)	0.00002	(03110406)	-70.71
56.57	77.78	0.00002	(03092005)	0.00002	(03091706)	70.71
42.43	63.64	0.00002	(03071707)	0.00002	(03080806)	56.57
28.28	49.50	0.00002	(03022101)	0.00002	(03031004)	42.43
14.14	35.36	0.00003	(03011305)	0.00002	(03091001)	28.28
7.07	24.75	0.00003	(03081922)	0.00003	(03042502)	21.21
3.54	19.09	0.00004	(03031007)	0.00004	(03042501)	17.68
0.71	16.26	0.00004	(03030501)	0.00004	(03090706)	14.85
-13.44	13.44	0.00005	(03042003)	0.00005	(03012503)	0.71
-16.26	-0.71	0.00004	(03122504)	0.00004	(03020904)	-2.12
-19.09	-3.54	0.00004	(03121523)	0.00004	(03112403)	-4.95

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
-24.75	-7.07	0.00003	(03030706)	0.00003	(03091104)	-10.61
-35.36	-14.14	0.00002	(03022806)	0.00003	(03030502)	-21.21
-49.50	-28.28	0.00002	(03011008)	0.00002	(03111301)	-35.36
-63.64	-42.43	0.00002	(03122120)	0.00002	(03010621)	-49.50
-77.78	-56.57	0.00002	(03120405)	0.00002	(03021901)	-63.64
49.50	84.85	0.00002	(03020606)	0.00002	(03020305)	77.78
35.36	70.71	0.00002	(03031004)	0.00002	(03020808)	63.64

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
21.21	56.57	28.28	0.00002	(03021803)	49.50
	0.00002	(03081006)			
7.07	42.43	14.14	0.00003	(03051307)	35.36
	0.00003	(03111207)			
0.00	31.82	3.54	0.00003	(03091307)	28.28
	0.00004	(03042501)			
-3.54	26.16	-2.12	0.00004	(03011704)	24.75
	0.00004	(03111706)			
-6.36	23.33	-4.95	0.00005	(03030109)	21.92
	0.00005	(03121201)			
-20.51	20.51	-7.78	0.00006	(03021708)	7.78
	0.00006	(03010905)			
-23.33	6.36	-21.92	0.00005	(03010704)	4.95
	0.00005	(03020904)			
-26.16	3.54	-24.75	0.00004	(03010104)	2.12
	0.00004	(03022308)			
-31.82	0.00	-28.28	0.00004	(03122703)	-3.54
	0.00003	(03091201)			
-42.43	-7.07	-35.36	0.00003	(03110207)	-14.14
	0.00003	(03012307)			
-56.57	-21.21	-49.50	0.00002	(03042004)	-28.28
	0.00002	(03051006)			
-70.71	-35.36	-63.64	0.00002	(03011008)	-42.43
	0.00002	(03010423)			
-84.85	-49.50	-77.78	0.00002	(03070307)	-56.57
	0.00002	(03102201)			
42.43	91.92	49.50	0.00002	(03021003)	84.85
	0.00002	(03072603)			
28.28	77.78	35.36	0.00002	(03030207)	70.71
	0.00002	(03092707)			
14.14	63.64	21.21	0.00002	(03012108)	56.57
	0.00002	(03120402)			
0.00	49.50	7.07	0.00003	(03011305)	42.43
	0.00003	(03121723)			
-7.07	38.89	-3.54	0.00004	(03071906)	35.36
	0.00004	(03111106)			
-10.61	33.23	-9.19	0.00004	(03030824)	31.82
	0.00005	(03080804)			
-13.44	30.41	-12.02	0.00005	(03122704)	28.99
	0.00006	(03101703)			
-27.58	27.58	-14.85	0.00006	(03032407)	14.85
	0.00006	(03010502)			
-30.41	13.44	-28.99	0.00006	(03062705)	12.02
	0.00005	(03020724)			
-33.23	10.61	-31.82	0.00005	(03030904)	9.19
	0.00004	(03111609)			
-38.89	7.07	-35.36	0.00004	(03112403)	3.54
	0.00004	(03101705)			
-49.50	0.00	-42.43	0.00003	(03032324)	-7.07
	0.00003	(03030502)			
-63.64	-14.14	-56.57	0.00002	(03101403)	-21.21
	0.00002	(03010705)			
-77.78	-28.28	-70.71	0.00002	(03121703)	-35.36
	0.00002	(03011008)			
-91.92	-42.43	-84.85	0.00002	(03012505)	-49.50
	0.00002	(03030603)			
35.36	98.99	42.43	0.00002	(03072603)	91.92
	0.00002	(03030207)			
21.21	84.85	28.28	0.00002	(03051824)	77.78
	0.00002	(03110423)			
7.07	70.71	14.14	0.00002	(03050306)	63.64
	0.00003	(03051307)			
	56.57	0.00	0.00003	(03030402)	49.50

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 -7.07 0.00004 (03120707) 0.00004 (03042503) 42.43  
 -14.14 45.96 -10.61 0.00004 (03030524)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-17.68	40.31	-16.26	(03101524)	0.00005	(03092307)	38.89
-20.51	37.48	-19.09	(03021708)	0.00006	(03012503)	36.06
-34.65	34.65	-21.92	(03032903)	0.00007	(03102708)	21.92
-37.48	20.51	-36.06	(03042003)	0.00006	(03121806)	19.09
-40.31	17.68	-38.89	(03022503)	0.00005	(03051905)	16.26
-45.96	14.14	-42.43	(03111104)	0.00004	(03021207)	10.61
-56.57	7.07	-49.50	(03010620)	0.00004	(03121422)	0.00
-70.71	-7.07	-63.64	(03022806)	0.00003	(03012307)	-14.14
-84.85	-21.21	-77.78	(03092604)	0.00002	(03011423)	-28.28
-98.99	-35.36	-91.92	(03012505)	0.00002	(03011008)	-42.43
28.28	106.07	35.36	(03051824)	0.00002	(03100806)	98.99
14.14	91.92	21.21	(03090605)	0.00002	(03010803)	84.85
0.00	77.78	7.07	(03112422)	0.00002	(03051603)	70.71
-14.14	63.64	-7.07	(03012322)	0.00003	(03111723)	56.57
-21.21	53.03	-17.68	(03112507)	0.00004	(03102001)	49.50
-24.75	47.38	-23.33	(03091204)	0.00005	(03090206)	45.96
-27.58	44.55	-26.16	(03032407)	0.00006	(03112404)	43.13
-41.72	41.72	-28.99	(03102721)	0.00007	(03010908)	28.99
	27.58	-43.13	(03030804)	0.00006	(03030804)	26.16

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-44.55	0.00006	(03120324)			
24.75	-45.96		0.00006	(03010704)	23.33
-47.38	0.00005	(03012023)			
21.21	-49.50		0.00005	(03010104)	17.68
-53.03	0.00004	(03031006)			
14.14	-56.57		0.00004	(03010802)	7.07
-63.64	0.00003	(03021903)			
0.00	-70.71		0.00003	(03011622)	-7.07
-77.78	0.00002	(03122809)			
-14.14	-84.85		0.00002	(03032002)	-21.21
-91.92	0.00002	(03021020)			
-28.28	-98.99		0.00002	(03011805)	-35.36
-106.07	0.00002	(03011008)			
113.14	28.28		0.00002	(03122802)	106.07
21.21	0.00002	(03040805)			
98.99	14.14		0.00002	(03081003)	91.92
7.07	0.00002	(03111923)			
84.85	0.00		0.00002	(03021224)	77.78
-7.07	0.00003	(03112402)			
70.71	-14.14		0.00003	(03121723)	63.64
-21.21	0.00004	(03050107)			
60.10	-24.75		0.00004	(03081004)	56.57
-28.28	0.00005	(03012806)			
54.45	-30.41		0.00005	(03090206)	53.03
-31.82	0.00006	(03042424)			
51.62	-33.23		0.00006	(03021708)	50.20
-34.65	0.00007	(03110601)			
48.79	-36.06		0.00007	(03031005)	36.06
-48.79	0.00007	(03082104)			
34.65	-50.20		0.00007	(03022722)	33.23
-51.62	0.00006	(03010905)			
31.82	-53.03		0.00006	(03042003)	30.41
-54.45	0.00005	(03102603)			
28.28	-56.57		0.00005	(03100306)	24.75
-60.10	0.00004	(03120421)			
21.21	-63.64		0.00004	(03122703)	14.14
-70.71	0.00003	(03091306)			
7.07	-77.78		0.00003	(03102003)	0.00
-84.85	0.00002	(03031606)			
-7.07	-91.92		0.00002	(03112502)	-14.14
-98.99	0.00002	(03092204)			
-21.21	-106.07		0.00002	(03120503)	-28.28
-113.14	0.00002	(03011805)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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 (YMMDDHH) X-COORD (M)  
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Y-COORD (M)	02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED		CONC	(YYMMDDHH)	
	120.21	21.21	0.00002	(03040805)	113.14
14.14		(03012108)			
	106.07	7.07	0.00002	(03050306)	98.99
0.00		(03111908)			
	91.92	-7.07	0.00002	(03030703)	84.85
-14.14		(03111207)			
	77.78	-21.21	0.00003	(03031624)	70.71
-28.28		(03122507)			
	67.18	-31.82	0.00005	(03041407)	63.64
-35.36		(03030501)			
	61.52	-37.48	0.00006	(03012503)	60.10
-38.89		(03112404)			
	58.69	-40.31	0.00006	(03032407)	57.28
-41.72		(03010908)			
	55.86	-43.13	0.00007	(03121803)	43.13
-55.86		(03112805)			
	41.72	-57.28	0.00007	(03102721)	40.31
-58.69		(03030804)			
	38.89	-60.10	0.00006	(03120324)	37.48
-61.52		(03110604)			
	35.36	-63.64	0.00005	(03101924)	31.82
-67.18		(03021207)			
	28.28	-70.71	0.00004	(03031006)	21.21
-77.78		(03040801)			
	14.14	-84.85	0.00003	(03110207)	7.07
-91.92		(03030607)			
	0.00	-98.99	0.00002	(03112006)	-7.07
-106.07		(03121608)			
	-14.14	-113.14	0.00002	(03010109)	-21.21
-120.21		(03021804)			
	127.28	14.14	0.00002	(03091105)	120.21
7.07		(03050124)			
	113.14	0.00	0.00002	(03101606)	106.07
-7.07		(03022824)			
	98.99	-14.14	0.00003	(03090705)	91.92
-21.21		(03110123)			
	84.85	-28.28	0.00003	(03122806)	77.78
-35.36		(03051902)			
	74.25	-38.89	0.00005	(03091005)	70.71
-42.43		(03101205)			
	68.59	-44.55	0.00006	(03121207)	67.18
-45.96		(03032407)			
	65.76	-47.38	0.00006	(03011721)	64.35
-48.79		(03040702)			
	62.93	-50.20	0.00007	(03022707)	50.20
-62.93		(03052006)			
	48.79	-64.35	0.00007	(03111608)	47.38
-65.76		(03102721)			
	45.96	-67.18	0.00006	(03030804)	44.55
-68.59		(03120324)			
	42.43	-70.71	0.00005	(03020724)	38.89
-74.25		(03010104)			
	35.36	-77.78	0.00004	(03121623)	28.28
-84.85		(03030902)			
	21.21	-91.92	0.00003	(03030503)	14.14
-98.99		(03020303)			
	7.07	-106.07	0.00002	(03031606)	0.00
-113.14		(03112006)			
	-7.07	-120.21	0.00002	(03021904)	-14.14
-127.28		(03021704)			

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
0.00	134.35	7.07	0.00002	(03012020)	127.28
-14.14	120.21	-7.07	0.00002	(03111908)	113.14
-28.28	106.07	-21.21	0.00003	(03080805)	98.99
-42.43	91.92	-35.36	0.00003	(03081924)	84.85
-49.50	81.32	-45.96	0.00005	(03030501)	77.78
-53.03	75.66	-51.62	0.00005	(03032407)	74.25
-55.86	72.83	-54.45	0.00006	(03040702)	71.42
-70.00	70.00	-57.28	0.00006	(03112406)	57.28
-72.83	55.86	-71.42	0.00006	(03101303)	54.45
-75.66	53.03	-74.25	0.00006	(03102721)	51.62

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-81.32	49.50	-77.78	0.00005	(03062705)	45.96
-91.92	42.43	-84.85	0.00004	(03021207)	35.36
-106.07	28.28	-98.99	0.00003	(03091306)	21.21
-120.21	14.14	-113.14	0.00002	(03112424)	7.07
-134.35	0.00	-127.28	0.00002	(03032706)	-7.07
-7.07	141.42	0.00	0.00002	(03112601)	134.35
-21.21	127.28	-14.14	0.00002	(03022824)	120.21
-35.36	113.14	-28.28	0.00003	(03111723)	106.07
-49.50	98.99	-42.43	0.00003	(03051005)	91.92
-56.57	88.39	-53.03	0.00004	(03121201)	84.85
			0.00005	(03041422)	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

82.73	-58.69	0.00005	(03011721)	81.32
-60.10	0.00005	(03111801)		
79.90	-61.52	0.00005	(03022802)	78.49
-62.93	0.00005	(03010421)		
77.07	-64.35	0.00005	(03111102)	64.35
-77.07	0.00005	(03082407)		
62.93	-78.49	0.00005	(03020604)	61.52
-79.90	0.00005	(03012501)		
60.10	-81.32	0.00005	(03040705)	58.69
-82.73	0.00005	(03102721)		
56.57	-84.85	0.00005	(03040804)	53.03
-88.39	0.00004	(03010704)		
49.50	-91.92	0.00004	(03022503)	42.43
-98.99	0.00003	(03022807)		
35.36	-106.07	0.00003	(03121422)	28.28
-113.14	0.00003	(03030503)		
21.21	-120.21	0.00002	(03112603)	14.14
-127.28	0.00002	(03022803)		
7.07	-134.35	0.00002	(03122809)	0.00
-141.42	0.00002	(03032706)		
148.49	-7.07	0.00002	(03102501)	141.42
-14.14	0.00002	(03021224)		
134.35	-21.21	0.00002	(03082503)	127.28
-28.28	0.00002	(03012609)		
120.21	-35.36	0.00003	(03102605)	113.14
-42.43	0.00003	(03072002)		
106.07	-49.50	0.00003	(03081004)	98.99
-56.57	0.00004	(03101524)		
95.46	-60.10	0.00004	(03112404)	91.92
-63.64	0.00004	(03033006)		
89.80	-65.76	0.00004	(03111801)	88.39
-67.18	0.00005	(03022802)		
86.97	-68.59	0.00005	(03102422)	85.56
-70.00	0.00005	(03041702)		
84.15	-71.42	0.00005	(03021705)	71.42
-84.15	0.00005	(03010407)		
70.00	-85.56	0.00005	(03111303)	68.59
-86.97	0.00005	(03030404)		
67.18	-88.39	0.00005	(03012501)	65.76
-89.80	0.00004	(03082104)		
63.64	-91.92	0.00004	(03091106)	60.10
-95.46	0.00004	(03120324)		
56.57	-98.99	0.00004	(03062523)	49.50
-106.07	0.00003	(03030423)		
42.43	-113.14	0.00003	(03121720)	35.36
-120.21	0.00003	(03111907)		
28.28	-127.28	0.00002	(03112709)	21.21
-134.35	0.00002	(03111604)		
14.14	-141.42	0.00002	(03031606)	7.07
-148.49	0.00002	(03112006)		
155.56	-14.14	0.00002	(03030303)	148.49
-21.21	0.00002	(03011522)		
141.42	-28.28	0.00002	(03030402)	134.35
-35.36	0.00002	(03101404)		
127.28	-42.43	0.00003	(03081922)	120.21
-49.50	0.00003	(03121909)		
113.14	-56.57	0.00003	(03111706)	106.07
-63.64	0.00004	(03012503)		
102.53	-67.18	0.00004	(03041422)	98.99
-70.71	0.00004	(03011307)		

Di recti on  
 \*\*MODELOPTs:

\*\*\* 14: 51: 37

CONC PAGE 77  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-74.25	96.87	-72.83	(03022707)	0.00004	(03022802)	95.46
-77.07	94.05	-75.66	(03041104)	0.00004	(03112406)	92.63
-91.22	91.22	-78.49	(03111108)	0.00004	(03010323)	78.49
-94.05	77.07	-92.63	(03082106)	0.00004	(03121424)	75.66
-96.87	74.25	-95.46	(03112805)	0.00004	(03052006)	72.83
-102.53	70.71	-98.99	(03040804)	0.00004	(03082104)	67.18
-113.14	63.64	-106.07	(03010104)	0.00004	(03042003)	56.57
-127.28	49.50	-120.21	(03091104)	0.00003	(03031702)	42.43
-141.42	35.36	-134.35	(03010620)	0.00002	(03040305)	28.28
-155.56	21.21	-148.49	(03031606)	0.00002	(03011622)	14.14
-28.28	162.63	-21.21	(03020304)	0.00002	(03030703)	155.56
-42.43	148.49	-35.36	(03032403)	0.00002	(03051004)	141.42
-56.57	134.35	-49.50	(03032408)	0.00002	(03110509)	127.28
-70.71	120.21	-63.64	(03121207)	0.00003	(03012806)	113.14
-77.78	109.60	-74.25	(03040702)	0.00003	(03110601)	106.07
-81.32	103.94	-79.90	(03012324)	0.00004	(03050101)	102.53
-84.15	101.12	-82.73	(03021705)	0.00004	(03092108)	99.70
-98.29	98.29	-85.56	(03111309)	0.00004	(03111905)	85.56
-101.12	84.15	-99.70	(03082407)	0.00004	(03010407)	82.73
-103.94	81.32	-102.53	(03101303)	0.00004	(03011523)	79.90
-109.60	77.78	-106.07	(03022722)	0.00003	(03032907)	74.25
	70.71	-113.14		0.00003	(03120324)	63.64

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-120.21	0.00003	(03100306)			
56.57	-127.28		0.00003	(03121623)	49.50
-134.35	0.00002	(03121720)			
42.43	-141.42		0.00002	(03111605)	35.36
-148.49	0.00002	(03021903)			
28.28	-155.56		0.00002	(03102003)	21.21
-162.63	0.00002	(03030607)			
169.71	-28.28		0.00002	(03090705)	162.63
-35.36	0.00002	(03012609)			
155.56	-42.43		0.00002	(03121723)	148.49
-49.50	0.00002	(03092104)			
141.42	-56.57		0.00002	(03030903)	134.35
-63.64	0.00002	(03041407)			
127.28	-70.71		0.00003	(03101524)	120.21
-77.78	0.00003	(03041422)			
116.67	-81.32		0.00003	(03011721)	113.14
-84.85	0.00003	(03022802)			
111.02	-86.97		0.00003	(03102422)	109.60
-88.39	0.00003	(03041702)			
108.19	-89.80		0.00003	(03041104)	106.77
-91.22	0.00003	(03072606)			
105.36	-92.63		0.00003	(03111721)	92.63
-105.36	0.00003	(03062524)			
91.22	-106.77		0.00003	(03110507)	89.80
-108.19	0.00003	(03020402)			
88.39	-109.60		0.00003	(03111303)	86.97
-111.02	0.00003	(03020323)			
84.85	-113.14		0.00003	(03010907)	81.32
-116.67	0.00003	(03102721)			
77.78	-120.21		0.00003	(03040804)	70.71
-127.28	0.00003	(03051905)			
63.64	-134.35		0.00002	(03021207)	56.57
-141.42	0.00002	(03092208)			
49.50	-148.49		0.00002	(03110323)	42.43
-155.56	0.00002	(03032324)			
35.36	-162.63		0.00002	(03110207)	28.28
-169.71	0.00002	(03112603)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTS:

PAGE 78  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-42.43	176.78	0.00002	(03112303)	169.71
162.63	-35.36	0.00002	(03101404)	
	-49.50	0.00002	(03102423)	155.56

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02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-56.57	0.00002	(03041701)			
148.49		-63.64	0.00002	(03111106)	141.42
-70.71	0.00002	(03051903)			
134.35		-77.78	0.00002	(03121201)	127.28
-84.85	0.00003	(03110601)			
123.74		-88.39	0.00003	(03031005)	120.21
-91.92	0.00003	(03050101)			
118.09		-94.05	0.00003	(03112406)	116.67
-95.46	0.00003	(03031024)			
115.26		-96.87	0.00003	(03021705)	113.84
-98.29	0.00003	(03010323)			
112.43		-99.70	0.00003	(03030407)	99.70
-112.43	0.00003	(03030505)			
98.29		-113.84	0.00003	(03030704)	96.87
-115.26	0.00003	(03010407)			
95.46		-116.67	0.00003	(03082407)	94.05
-118.09	0.00003	(03082106)			
91.92		-120.21	0.00003	(03101303)	88.39
-123.74	0.00003	(03082104)			
84.85		-127.28	0.00003	(03022722)	77.78
-134.35	0.00002	(03010704)			
70.71		-141.42	0.00002	(03111024)	63.64
-148.49	0.00002	(03112403)			
56.57		-155.56	0.00002	(03112804)	49.50
-162.63	0.00002	(03040801)			
42.43		-169.71	0.00002	(03010204)	35.36
-176.78	0.00002	(03010620)			
183.85		-42.43	0.00002	(03111723)	176.78
-49.50	0.00002	(03102605)			
169.71		-56.57	0.00002	(03122806)	162.63
-63.64	0.00002	(03121518)			
155.56		-70.71	0.00002	(03011623)	148.49
-77.78	0.00002	(03080804)			
141.42		-84.85	0.00002	(03042424)	134.35
-91.92	0.00002	(03102708)			
130.81		-95.46	0.00002	(03011604)	127.28
-98.99	0.00003	(03102422)			
125.16		-101.12	0.00003	(03041702)	123.74
-102.53	0.00003	(03021723)			
122.33		-103.94	0.00003	(03072606)	120.92
-105.36	0.00003	(03111905)			
119.50		-106.77	0.00003	(03122003)	106.77
-119.50	0.00003	(03092107)			
105.36		-120.92	0.00003	(03111309)	103.94
-122.33	0.00003	(03110507)			
102.53		-123.74	0.00003	(03020402)	101.12
-125.16	0.00003	(03111303)			
98.99		-127.28	0.00003	(03030404)	95.46
-130.81	0.00002	(03111608)			
91.92		-134.35	0.00002	(03032903)	84.85
-141.42	0.00002	(03062705)			
77.78		-148.49	0.00002	(03030904)	70.71
-155.56	0.00002	(03110524)			
63.64		-162.63	0.00002	(03092208)	56.57
-169.71	0.00002	(03030902)			
49.50		-176.78	0.00002	(03102407)	42.43
-183.85	0.00002	(03030503)			
190.92		-49.50	0.00001	(03110108)	183.85
-56.57	0.00002	(03102423)			
176.78		-63.64	0.00002	(03033005)	169.71
-70.71	0.00002	(03110408)			
162.63		-77.78	0.00002	(03030824)	155.56
-84.85	0.00002	(03122704)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-98.99	148.49	-91.92	0.00002	(03022123)	141.42
-106.07	137.89	-102.53	0.00002	(03022802)	134.35
-109.60	132.23	-108.19	0.00002	(03111102)	130.81
-112.43	129.40	-111.02	0.00002	(03010323)	127.99
-126.57	126.57	-113.84	0.00002	(03092608)	113.84
-129.40	112.43	-127.99	0.00002	(03062524)	111.02
-132.23	109.60	-130.81	0.00002	(03010407)	108.19

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-137.89	106.07	-134.35	0.00002	(03040707)	102.53
-148.49	98.99	-141.42	0.00002	(03082104)	91.92
-162.63	84.85	-155.56	0.00002	(03020109)	77.78
-176.78	70.71	-169.71	0.00002	(03031006)	63.64
-190.92	56.57	-183.85	0.00002	(03091104)	49.50
-63.64	197.99	-56.57	0.00001	(03090506)	190.92
-77.78	183.85	-70.71	0.00002	(03081921)	176.78
-91.92	169.71	-84.85	0.00002	(03011705)	162.63
-106.07	155.56	-98.99	0.00002	(03041422)	148.49
-113.14	144.96	-109.60	0.00002	(03050101)	141.42
-116.67	139.30	-115.26	0.00002	(03021723)	137.89
-119.50	136.47	-118.09	0.00002	(03111905)	135.06
-133.64	133.64	-120.92	0.00002	(03110522)	120.92

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-136.47	119.50	-135.06	0.00002	(03122505)	118.09
		(03110103)			
-139.30	116.67	-137.89	0.00002	(03110507)	115.26
		(03020402)			
-144.96	113.14	-141.42	0.00002	(03111303)	109.60
		(03101303)			
-155.56	106.07	-148.49	0.00002	(03102623)	98.99
		(03040804)			
-169.71	91.92	-162.63	0.00002	(03020724)	84.85
		(03111024)			
-183.85	77.78	-176.78	0.00002	(03030423)	70.71
		(03121523)			
-197.99	63.64	-190.92	0.00001	(03121804)	56.57
		(03091301)			
-70.71	205.06	-63.64	0.00001	(03081922)	197.99
		(03033005)			
-84.85	190.92	-77.78	0.00001	(03110408)	183.85
		(03041407)			
-98.99	176.78	-91.92	0.00002	(03030109)	169.71
		(03012503)			
-113.14	162.63	-106.07	0.00002	(03032407)	155.56
		(03011604)			
-120.21	152.03	-116.67	0.00002	(03043004)	148.49
		(03030805)			
-123.74	146.37	-122.33	0.00002	(03021705)	144.96
		(03010323)			
-126.57	143.54	-125.16	0.00002	(03111905)	142.13
		(03110204)			
-140.71	140.71	-127.99	0.00002	(03110522)	127.99
		(03022606)			
-143.54	126.57	-142.13	0.00002	(03092107)	125.16
		(03062524)			
-146.37	123.74	-144.96	0.00002	(03010619)	122.33
		(03010407)			
-152.03	120.21	-148.49	0.00002	(03082407)	116.67
		(03052006)			
-162.63	113.14	-155.56	0.00002	(03111608)	106.07
		(03031607)			
-176.78	98.99	-169.71	0.00002	(03042003)	91.92
		(03030904)			
-190.92	84.85	-183.85	0.00002	(03021207)	77.78
		(03031006)			
-205.06	70.71	-197.99	0.00001	(03010501)	63.64
		(03091104)			
-77.78	212.13	-70.71	0.00001	(03071906)	205.06
		(03030903)			
-91.92	197.99	-84.85	0.00001	(03011704)	190.92
		(03091005)			
-106.07	183.85	-98.99	0.00002	(03090206)	176.78
		(03101703)			
-120.21	169.71	-113.14	0.00002	(03102707)	162.63
		(03022802)			
-127.28	159.10	-123.74	0.00002	(03010421)	155.56
		(03111102)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC PAGE 80  
 URBAN FLAT FLGPOL DFAULT

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
-130.81	153.44	0.00002	(03072606)	152.03	-129.40
-133.64	150.61	0.00002	(03111721)	149.20	-132.23
-147.79	147.79	0.00002	(03092608)	135.06	-135.06
-150.61	133.64	0.00002	(03011710)	132.23	-149.20
-153.44	130.81	0.00002	(03040903)	129.40	-152.03
-159.10	127.28	0.00002	(03110103)	123.74	-155.56
-169.71	120.21	0.00002	(03082407)	113.14	-162.63
-183.85	106.07	0.00002	(03020604)	98.99	-176.78
-197.99	91.92	0.00001	(03010907)	84.85	-190.92
-212.13	77.78	0.00001	(03010104)	70.71	-205.06
-84.85	219.20	0.00001	(03101705)	212.13	-77.78
-98.99	205.06	0.00001	(03033005)	197.99	-91.92
-113.14	190.92	0.00001	(03030524)	183.85	-106.07
-127.28	176.78	0.00001	(03101205)	169.71	-120.21
-134.35	166.17	0.00002	(03022702)	162.63	-130.81
-137.89	160.51	0.00002	(03020822)	159.10	-136.47
-140.71	157.68	0.00002	(03112406)	156.27	-139.30
-154.86	154.86	0.00002	(03030407)	142.13	-142.13
-157.68	140.71	0.00002	(03051003)	139.30	-156.27
-160.51	137.89	0.00002	(03030107)	136.47	-159.10
-166.17	134.35	0.00002	(03111309)	130.81	-162.63
-176.78	127.28	0.00002	(03020402)	120.21	-169.71
-190.92	113.14	0.00001	(03101303)	106.07	-183.85
-205.06	98.99	0.00001	(03102721)	91.92	-197.99
	84.85	0.00001	(03033003)	77.78	-212.13
		0.00001	(03020724)		
		0.00001	(03111024)		
		0.00001	(03110524)		
		0.00001	(03012824)		

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-219.20	226.27	0.00001	(03010501)	0.00001	(03081921)	219.20
-91.92	212.13	0.00001	(03032408)	0.00001	(03112705)	205.06
-106.07	197.99	0.00001	(03030109)	0.00001	(03082506)	190.92
-120.21	183.85	0.00001	(03041422)	0.00001	(03010908)	176.78
-134.35	173.24	0.00001	(03051823)	0.00001	(03041702)	169.71
-141.42	167.58	0.00001	(03021705)	0.00001	(03010323)	166.17
-144.96	164.76	0.00001	(03111905)	0.00001	(03110204)	163.34
-147.79	161.93	0.00001	(03110522)	0.00001	(03020907)	149.20
-161.93	147.79	0.00001	(03121506)	0.00001	(03022606)	146.37
-164.76	144.96	0.00001	(03092107)	0.00001	(03062524)	143.54
-167.58	141.42	0.00001	(03010619)	0.00001	(03010407)	137.89
-173.24	134.35	0.00001	(03082106)	0.00001	(03101303)	127.28
-183.85	120.21	0.00001	(03082104)	0.00001	(03040804)	113.14
-197.99	106.07	0.00001	(03110604)	0.00001	(03030904)	98.99
-212.13	91.92	0.00001	(03122504)	0.00001	(03121623)	84.85
-226.27		0.00001	(03121523)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC PAGE 81  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-98.99	233.35	0.00001	(03051005)	226.27
-113.14	219.20	0.00001	(03112507)	212.13
-127.28	205.06	0.00001	(03042424)	197.99
-141.42	190.92	0.00001	(03121121)	183.85
	180.31	0.00001	(03030805)	176.78

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-148.49	0.00001	(03012904)	0.00001	(03111905)	173.24
174.66	-150.61				
-152.03	0.00001	(03111721)	0.00001	(03092608)	170.41
171.83	-153.44				
-154.86	0.00001	(03102421)	0.00001	(03020907)	156.27
169.00	-156.27				
-169.00	0.00001	(03121506)	0.00001	(03022606)	153.44
154.86	-170.41				
-171.83	0.00001	(03040903)	0.00001	(03062524)	150.61
152.03	-173.24				
-174.66	0.00001	(03110103)	0.00001	(03010407)	144.96
148.49	-176.78				
-180.31	0.00001	(03111303)	0.00001	(03030404)	134.35
141.42	-183.85				
-190.92	0.00001	(03082104)	0.00001	(03030804)	120.21
127.28	-197.99				
-205.06	0.00001	(03042003)	0.00001	(03012023)	106.07
113.14	-212.13				
-219.20	0.00001	(03010104)	0.00001	(03120421)	91.92
98.99	-226.27				
-233.35	0.00001	(03012824)	0.00001	(03111106)	233.35
240.42	-98.99				
-106.07	0.00001	(03041407)	0.00001	(03092307)	219.20
226.27	-113.14				
-120.21	0.00001	(03123109)	0.00001	(03112404)	205.06
212.13	-127.28				
-134.35	0.00001	(03110601)	0.00001	(03040702)	190.92
197.99	-141.42				
-148.49	0.00001	(03012324)	0.00001	(03073102)	183.85
187.38	-152.03				
-155.56	0.00001	(03072606)	0.00001	(03111905)	180.31
181.73	-157.68				
-159.10	0.00001	(03010823)	0.00001	(03092608)	177.48
178.90	-160.51				
-161.93	0.00001	(03091905)	0.00001	(03010909)	163.34
176.07	-163.34				
-176.07	0.00001	(03051606)	0.00001	(03011710)	160.51
161.93	-177.48				
-178.90	0.00001	(03030107)	0.00001	(03122505)	157.68
159.10	-180.31				
-181.73	0.00001	(03111309)	0.00001	(03110507)	152.03
155.56	-183.85				
-187.38	0.00001	(03082407)	0.00001	(03011523)	141.42
148.49	-190.92				
-197.99	0.00001	(03021706)	0.00001	(03022722)	127.28
134.35	-205.06				
-212.13	0.00001	(03120324)	0.00001	(03120323)	113.14
120.21	-219.20				
-226.27	0.00001	(03022503)	0.00001	(03021207)	98.99
106.07	-233.35				
-240.42	0.00001	(03112403)	0.00001	(03081004)	240.42
247.49	-106.07				
-113.14	0.00001	(03030824)	0.00001	(03030109)	226.27
233.35	-120.21				
-127.28	0.00001	(03121201)	0.00001	(03043003)	212.13
219.20	-134.35				
-141.42	0.00001	(03102707)	0.00001	(03040304)	197.99
205.06	-148.49				
-155.56	0.00001	(03112406)	0.00001	(03041104)	190.92
194.45	-159.10				
-162.63	0.00001	(03010323)	0.00001	(03111721)	187.38
188.80	-164.76				
-166.17	0.00001	(03110204)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

-169.00	185.97	-167.58	0.00001	(03110522)	184.55
-183.14	183.14	-170.41	0.00001	(03010909)	170.41
-185.97	169.00	-184.55	0.00001	(03011710)	167.58
-188.80	166.17	-187.38	0.00001	(03092107)	164.76

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 82  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-194.45	162.63	0.00001	(03010619)	159.10
-205.06	155.56	0.00001	(03040707)	148.49
-219.20	141.42	0.00001	(03032903)	134.35
-233.35	127.28	0.00001	(03010704)	120.21
-247.49	113.14	0.00001	(03010104)	106.07

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 83  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
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O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-106.07	247.49	0.00002	(03081203)	-113.14
240.42	0.00002 (03011723)			
-120.21	233.35	0.00002	(03090108)	-127.28
226.27	0.00002 (03011304)			
-134.35	219.20	0.00002	(03100903)	-141.42
212.13	0.00002 (03061505)			
-148.49	205.06	0.00002	(03041024)	-155.56
197.99	0.00002 (03011823)			
-159.10	194.45	0.00002	(03101401)	-162.63
190.92	0.00003 (03040504)			
-164.76	188.80	0.00003	(03031521)	-166.17
187.38	0.00003 (03020607)			
-167.58	185.97	0.00003	(03022203)	-169.00
184.55	0.00003 (03112004)			
-170.41	183.14	0.00003	(03062806)	-183.14
170.41	0.00003 (03052723)			
-184.55	169.00	0.00003	(03092006)	-185.97
167.58	0.00003 (03050704)			
-187.38	166.17	0.00003	(03050704)	-188.80
164.76	0.00003 (03021005)			
-190.92	162.63	0.00003	(03120221)	-194.45
159.10	0.00002 (03043001)			
-197.99	155.56	0.00002	(03052702)	-205.06
148.49	0.00002 (03021009)			
-212.13	141.42	0.00002	(03021605)	-219.20
134.35	0.00002 (03080705)			
-226.27	127.28	0.00002	(03121521)	-233.35
120.21	0.00002 (03112003)			
-240.42	113.14	0.00002	(03041506)	-247.49
106.07	0.00002 (03040505)			
-98.99	240.42	0.00002	(03060206)	-106.07
233.35	0.00002 (03081504)			
-113.14	226.27	0.00002	(03081701)	-120.21
219.20	0.00002 (03062701)			
-127.28	212.13	0.00002	(03011101)	-134.35
205.06	0.00002 (03122604)			
-141.42	197.99	0.00002	(03102103)	-148.49
190.92	0.00003 (03090207)			
-152.03	187.38	0.00003	(03121704)	-155.56
183.85	0.00003 (03030923)			
-157.68	181.73	0.00003	(03021902)	-159.10
180.31	0.00003 (03100707)			
-160.51	178.90	0.00003	(03102620)	-161.93
177.48	0.00003 (03091404)			
-163.34	176.07	0.00003	(03062806)	-176.07
163.34	0.00003 (03092006)			
-177.48	161.93	0.00003	(03092006)	-178.90
160.51	0.00003 (03050704)			
-180.31	159.10	0.00003	(03021005)	-181.73
157.68	0.00003 (03120221)			
-183.85	155.56	0.00003	(03041604)	-187.38
152.03	0.00003 (03110308)			
-190.92	148.49	0.00003	(03102106)	-197.99
141.42	0.00002 (03051104)			
-205.06	134.35	0.00002	(03040106)	-212.13
127.28	0.00002 (03043023)			
-219.20	120.21	0.00002	(03072703)	-226.27
113.14	0.00002 (03050903)			
-233.35	106.07	0.00002	(03040505)	-240.42
98.99	0.00002 (03080105)			
-91.92	233.35	0.00002	(03041503)	-98.99
226.27	0.00002 (03062804)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
212.13	-106.07	0.00002	219.20 (03053104)	0.00002	(03070407)	-113.14
197.99	-120.21	0.00002	205.06 (03052104)	0.00002	(03011304)	-127.28
183.85	-134.35	0.00003	190.92 (03041806)	0.00003	(03072806)	-141.42
176.78	-144.96	0.00003	180.31 (03100907)	0.00003	(03080704)	-148.49
173.24	-150.61	0.00003	174.66 (03031521)	0.00003	(03040504)	-152.03
170.41	-153.44	0.00003	171.83 (03022203)	0.00003	(03011323)	-154.86
156.27	-156.27	0.00003	169.00 (03092006)	0.00003	(03020220)	-169.00
153.44	-170.41	0.00003	154.86 (03050704)	0.00003	(03050704)	-171.83
150.61	-173.24	0.00003	152.03 (03120221)	0.00003	(03021005)	-174.66

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 84  
 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)	
Y-COORD (M)	CONC	CONC	(YYMMDDHH)	(YYMMDDHH)			
144.96	-176.78	0.00003	148.49 (03052702)	0.00003	(03102124)	-180.31	
134.35	-183.85	0.00003	141.42 (03100905)	0.00003	(03012102)	-190.92	
120.21	-197.99	0.00002	127.28 (03013007)	0.00002	(03010903)	-205.06	
106.07	-212.13	0.00002	113.14 (03120708)	0.00002	(03112003)	-219.20	
91.92	-226.27	0.00002	99.00 (03101204)	0.00002	(03111123)	-233.35	
219.20	-84.85	0.00002	226.27 (03102303)	0.00002	(03052624)	-91.92	
205.06	-98.99	0.00002	212.13 (03060101)	0.00002	(03081203)	-106.07	
190.92	-113.14	0.00003	197.99 (03030622)	0.00002	(03062701)	-120.21	
176.78	-127.28	0.00003	183.85 (03102824)	0.00003	(03061505)	-134.35	
169.71	-137.89	0.00003	173.24 (03033103)	0.00003	(03090207)	-141.42	
166.17	-143.54	0.00004	167.58 (03021902)	0.00004	(03030923)	-144.96	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

163.34	-146.37	0.00004	164.76 (03102620)	0.00004	(03100707)	-147.79
149.20	-149.20	0.00004	161.93 (03092006)	0.00004	(03033007)	-161.93
146.37	-163.34	0.00004	147.79 (03021005)	0.00004	(03050704)	-164.76
143.54	-166.17	0.00004	144.96 (03041604)	0.00004	(03120221)	-167.58
137.89	-169.71	0.00003	141.42 (03102106)	0.00003	(03043001)	-173.24
127.28	-176.78	0.00003	134.35 (03052806)	0.00003	(03052707)	-183.85
113.14	-190.92	0.00002	120.21 (03072703)	0.00003	(03043023)	-197.99
99.00	-205.06	0.00002	106.07 (03040505)	0.00002	(03032206)	-212.13
84.85	-219.20	0.00002	91.92 (03012602)	0.00002	(03111520)	-226.27
212.13	-77.78	0.00002	219.20 (03041501)	0.00002	(03101607)	-84.85
197.99	-91.92	0.00002	205.06 (03081504)	0.00002	(03051022)	-98.99
183.85	-106.07	0.00003	190.92 (03090106)	0.00003	(03031903)	-113.14
169.71	-120.21	0.00004	176.78 (03042305)	0.00003	(03101224)	-127.28
162.63	-130.81	0.00004	166.17 (03020821)	0.00004	(03041806)	-134.35
159.10	-136.47	0.00004	160.51 (03121120)	0.00004	(03100907)	-137.89
156.27	-139.30	0.00004	157.68 (03011323)	0.00004	(03031521)	-140.71
142.13	-142.13	0.00004	154.86 (03050704)	0.00004	(03091404)	-154.86
139.30	-156.27	0.00004	140.71 (03021005)	0.00004	(03021005)	-157.68
136.47	-159.10	0.00004	137.89 (03091401)	0.00004	(03120221)	-160.51
130.81	-162.63	0.00004	134.35 (03012102)	0.00004	(03110308)	-166.17
120.21	-169.71	0.00003	127.28 (03010504)	0.00004	(03051104)	-176.78
106.07	-183.85	0.00002	113.14 (03112003)	0.00003	(03013007)	-190.92
91.92	-197.99	0.00002	99.00 (03010320)	0.00002	(03040505)	-205.06
77.78	-212.13	0.00002	84.85 (03010701)	0.00002	(03022501)	-219.20
205.06	-70.71	0.00002	212.13 (03101607)	0.00002	(03032401)	-77.78
190.92	-84.85	0.00002	197.99 (03091806)	0.00002	(03010902)	-91.92
176.78	-98.99	0.00003	183.85 (03051306)	0.00003	(03011723)	-106.07
162.63	-113.14	0.00004	169.71 (03011706)	0.00003	(03013107)	-120.21
155.56	-123.74	0.00004	159.10 (03011823)	0.00004	(03102824)	-127.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-129.40	152.03	153.44	(03100907)	0.00004	(03042301)	-130.81
-132.23	149.20	150.61	(03031521)	0.00005	(03040504)	-133.64
-135.06	135.06	147.79	(03050704)	0.00005	(03102620)	-147.79
-149.20	132.23	133.64	(03120221)	0.00005	(03021005)	-150.61
-152.03	129.40	130.81	(03110308)	0.00005	(03102124)	-153.44
-155.56	123.74	127.28	(03052707)	0.00004	(03092302)	-159.10
-162.63	113.14	120.21	(03080705)	0.00004	(03010106)	-169.71
-176.78	98.99	106.07	(03120708)	0.00003	(03072703)	-183.85
-190.92	84.85	91.92	(03022501)	0.00002	(03111123)	-197.99
-205.06	70.71	77.78	(03111206)	0.00002	(03101407)	-212.13
-63.64	197.99	205.06	(03082224)	0.00002	(03050502)	-70.71
-77.78	183.85	190.92	(03101305)	0.00002	(03121507)	-84.85
-91.92	169.71	176.78	(03040603)	0.00003	(03081203)	-98.99
-106.07	155.56	162.63	(03112808)	0.00003	(03101124)	-113.14
-116.67	148.49	152.03	(03041806)	0.00004	(03102103)	-120.21
-122.33	144.96	146.37	(03042301)	0.00005	(03080704)	-123.74
-125.16	142.13	143.54	(03021902)	0.00005	(03060105)	-126.57
-127.99	127.99	140.71	(03021005)	0.00005	(03032101)	-140.71
-142.13	125.16	126.57	(03102124)	0.00005	(03120221)	-143.54
-144.96	122.33	123.74	(03052702)	0.00005	(03043001)	-146.37
-148.49	116.67	120.21	(03112707)	0.00005	(03012102)	-152.03
-155.56	106.07	113.14	(03013007)	0.00004	(03021502)	-162.63
-169.71		98.99		0.00003	(03050903)	-176.78

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

91.92	-183.85	0.00003	(03040505)	84.85	0.00002	(03101204)	-190.92
77.78	-197.99	0.00002	(03101407)	70.71	0.00002	(03111206)	-205.06
63.64	-56.57	0.00002	(03101306)	197.99	0.00002	(03100904)	-63.64
190.92	-70.71	0.00002	(03050502)	183.85	0.00002	(03082302)	-77.78
176.78	-84.85	0.00002	(03021204)	169.71	0.00003	(03052706)	-91.92
162.63	-98.99	0.00003	(03070304)	155.56	0.00003	(03062701)	-106.07
148.49	-109.60	0.00004	(03082301)	144.96	0.00005	(03110701)	-113.14
141.42	-115.26	0.00005	(03102824)	139.30	0.00005	(03052823)	-116.67
137.89	-118.09	0.00006	(03080704)	136.47	0.00006	(03042301)	-119.50
135.06	-120.92	0.00006	(03030923)	133.64	0.00006	(03031521)	-133.64
120.92	-135.06	0.00006	(03021005)	119.50	0.00006	(03041604)	-136.47
118.09	-137.89	0.00006	(03043001)	116.67	0.00006	(03052702)	-139.30
115.26	-141.42	0.00005	(03012102)	113.14	0.00005	(03031902)	-144.96
109.60	-148.49	0.00005	(03091205)	106.07	0.00004	(03041524)	-155.56
98.99	-162.63	0.00003	(03072703)	91.92	0.00003	(03120708)	-169.71
84.85	-176.78	0.00003	(03010324)	77.78	0.00002	(03102606)	-183.85
70.71	-190.92	0.00002	(03061307)	63.64	0.00002	(03101306)	-197.99
56.57		0.00002	(03020222)				

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14: 51: 37

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 86  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)		CONC	(YYMMDDHH)				
-49.50	183.85	0.00002	(03010702)	190.92	0.00002	(03101222)	-56.57
-63.64	169.71	0.00002	(03101607)	176.78	0.00002	(03020522)	-70.71
-77.78		0.00003		162.63	0.00003	(03041503)	-84.85

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

155.56		0.00003	(03091722)			
	-91.92		148.49	0.00003	(03090123)	-98.99
141.42		0.00004	(03092508)			
	-102.53		137.89	0.00005	(03051303)	-106.07
134.35		0.00005	(03031602)			
	-108.19		132.23	0.00006	(03102824)	-109.60
130.81		0.00006	(03052823)			
	-111.02		129.40	0.00006	(03080704)	-112.43
127.99		0.00007	(03033103)			
	-113.84		126.57	0.00007	(03021606)	-126.57
113.84		0.00007	(03120221)			
	-127.99		112.43	0.00007	(03043001)	-129.40
111.02		0.00006	(03052702)			
	-130.81		109.60	0.00006	(03012102)	-132.23
108.19		0.00006	(03052707)			
	-134.35		106.07	0.00005	(03112707)	-137.89
102.53		0.00005	(03040106)			
	-141.42		98.99	0.00004	(03043023)	-148.49
91.92		0.00003	(03112003)			
	-155.56		84.85	0.00003	(03040505)	-162.63
77.78		0.00003	(03101204)			
	-169.71		70.71	0.00002	(03010701)	-176.78
63.64		0.00002	(03031705)			
	-183.85		56.57	0.00002	(03111019)	-190.92
49.50		0.00002	(03032306)			
	-42.43		183.85	0.00002	(03060106)	-49.50
176.78		0.00002	(03060204)			
	-56.57		169.71	0.00002	(03091705)	-63.64
162.63		0.00002	(03032401)			
	-70.71		155.56	0.00002	(03052624)	-77.78
148.49		0.00003	(03091924)			
	-84.85		141.42	0.00003	(03062424)	-91.92
134.35		0.00004	(03101702)			
	-95.46		130.81	0.00005	(03082301)	-98.99
127.28		0.00005	(03051504)			
	-101.12		125.16	0.00006	(03042305)	-102.53
123.74		0.00006	(03102824)			
	-103.94		122.33	0.00006	(03052823)	-105.36
120.92		0.00007	(03080704)			
	-106.77		119.50	0.00007	(03100907)	-119.50
106.77		0.00007	(03091401)			
	-120.92		105.36	0.00007	(03052702)	-122.33
103.94		0.00006	(03012102)			
	-123.74		102.53	0.00006	(03052707)	-125.16
101.12		0.00006	(03051104)			
	-127.28		98.99	0.00005	(03091205)	-130.81
95.46		0.00005	(03041524)			
	-134.35		91.92	0.00004	(03043023)	-141.42
84.85		0.00003	(03050903)			
	-148.49		77.78	0.00003	(03111123)	-155.56
70.71		0.00002	(03102606)			
	-162.63		63.64	0.00002	(03061307)	-169.71
56.57		0.00002	(03101306)			
	-176.78		49.50	0.00002	(03032306)	-183.85
42.43		0.00002	(03032104)			
	-35.36		176.78	0.00002	(03021824)	-42.43
169.71		0.00002	(03021403)			
	-49.50		162.63	0.00002	(03041102)	-56.57
155.56		0.00002	(03101522)			
	-63.64		148.49	0.00002	(03101607)	-70.71
141.42		0.00003	(03012208)			
	-77.78		134.35	0.00003	(03070407)	-84.85
127.28		0.00004	(03033101)			

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
120.21	-88.39	0.00005	123.74 (03061505)	0.00004	(03011002)	-91.92
116.67	-94.05	0.00006	118.09 (03041024)	0.00005	(03030721)	-95.46
113.84	-96.87	0.00007	115.26 (03090207)	0.00006	(03021103)	-98.29
99.70	-99.70	0.00007	112.43 (03110308)	0.00007	(03121704)	-112.43
96.87	-113.84	0.00006	98.29 (03082206)	0.00007	(03102106)	-115.26
94.05	-116.67	0.00005	95.46 (03100905)	0.00006	(03040105)	-118.09

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
-120.21	88.39	91.92	(03080705)	0.00005	(03052806)	-123.74
-127.28	77.78	84.85	(03120708)	0.00004	(03112001)	-134.35
-141.42	63.64	70.71	(03101407)	0.00003	(03101204)	-148.49
-155.56	49.50	56.57	(03020222)	0.00002	(03121122)	-162.63
-169.71	35.36	42.43	(03120709)	0.00002	(03032104)	-176.78
-28.28	162.63	169.71	(03101805)	0.00002	(03122603)	-35.36
-42.43	148.49	155.56	(03050505)	0.00002	(03120106)	-49.50
-56.57	134.35	141.42	(03062506)	0.00002	(03091322)	-63.64
-70.71	120.21	127.28	(03070805)	0.00003	(03081203)	-77.78
-81.32	113.14	116.67	(03051303)	0.00004	(03121303)	-84.85
-86.97	109.60	111.02	(03102103)	0.00005	(03090203)	-88.39
-89.80	106.77	108.19	(03052823)	0.00006	(03102824)	-91.22
-92.63	92.63	105.36	(03052702)	0.00006	(03080704)	-105.36
-106.77	89.80	91.22	(03052707)	0.00007	(03012102)	-108.19

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

86.97	-109.60	0.00005	88.39	0.00006	(03051104)	-111.02
			(03100905)			
81.32	-113.14	0.00004	84.85	0.00005	(03010504)	-116.67
			(03043023)			
70.71	-120.21	0.00003	77.78	0.00004	(03050507)	-127.28
			(03040505)			
56.57	-134.35	0.00002	63.64	0.00003	(03012602)	-141.42
			(03111206)			
42.43	-148.49	0.00002	49.50	0.00002	(03020222)	-155.56
			(03020408)			
28.28	-162.63	0.00002	35.36	0.00002	(03040624)	-169.71
			(03032106)			
155.56	-21.21	0.00002	162.63	0.00002	(03012823)	-28.28
			(03052303)			
141.42	-35.36	0.00002	148.49	0.00002	(03042001)	-42.43
			(03091708)			
127.28	-49.50	0.00003	134.35	0.00002	(03091705)	-56.57
			(03111822)			
113.14	-63.64	0.00004	120.21	0.00003	(03051022)	-70.71
			(03040603)			
106.07	-74.25	0.00004	109.60	0.00004	(03012506)	-77.78
			(03020321)			
102.53	-79.90	0.00005	103.94	0.00005	(03112808)	-81.32
			(03072806)			
99.70	-82.73	0.00006	101.12	0.00006	(03041024)	-84.15
			(03021103)			
85.56	-85.56	0.00007	98.29	0.00007	(03011823)	-98.29
			(03092302)			
82.73	-99.70	0.00006	84.15	0.00006	(03082206)	-101.12
			(03051104)			
79.90	-102.53	0.00005	81.32	0.00005	(03010106)	-103.94
			(03021502)			
74.25	-106.07	0.00004	77.78	0.00004	(03050106)	-109.60
			(03121521)			
63.64	-113.14	0.00003	70.71	0.00003	(03050903)	-120.21
			(03010320)			
49.50	-127.28	0.00002	56.57	0.00003	(03010701)	-134.35
			(03101306)			
35.36	-141.42	0.00002	42.43	0.00002	(03122201)	-148.49
			(03040624)			
21.21	-155.56	0.00002	28.28	0.00002	(03032106)	-162.63
			(03021607)			
148.49	-14.14	0.00002	155.56	0.00002	(03091202)	-21.21
			(03101201)			
134.35	-28.28	0.00002	141.42	0.00002	(03052303)	-35.36
			(03041003)			
120.21	-42.43	0.00002	127.28	0.00002	(03060204)	-49.50
			(03101323)			
106.07	-56.57	0.00003	113.14	0.00003	(03041501)	-63.64
			(03091206)			
98.99	-67.18	0.00004	102.53	0.00004	(03101501)	-70.71
			(03030724)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

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

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Direction

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER		IN MICROGRAMS/M**3	
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	X-COORD (M)
95.46	-72.83	0.00005 (03061505)	-74.25
92.63	-75.66	0.00006 (03102824)	-77.07
78.49	-78.49	0.00006 (03030103)	-91.22
75.66	-92.63	0.00005 (03112707)	-94.05
72.83	-95.46	0.00004 (03010504)	-96.87
67.18	-98.99	0.00004 (03050507)	-102.53
56.57	-106.07	0.00003 (03012602)	-113.14
42.43	-120.21	0.00002 (03032306)	-127.28
28.28	-134.35	0.00002 (03032106)	-141.42
14.14	-148.49	0.00002 (03010822)	-155.56
141.42	-7.07	0.00002 (03040107)	-14.14
127.28	-21.21	0.00002 (03122603)	-28.28
113.14	-35.36	0.00002 (03122709)	-42.43
98.99	-49.50	0.00003 (03091924)	-56.57
91.92	-60.10	0.00004 (03012506)	-63.64
88.39	-65.76	0.00004 (03101224)	-67.18
85.56	-68.59	0.00005 (03102208)	-70.00
71.42	-71.42	0.00006 (03082206)	-84.15
68.59	-85.56	0.00005 (03041023)	-86.97
65.76	-88.39	0.00004 (03080705)	-89.80
60.10	-91.92	0.00003 (03032206)	-95.46
49.50	-98.99	0.00003 (03072904)	-106.07
35.36	-113.14	0.00002 (03040624)	-120.21
21.21	-127.28	0.00002 (03101801)	-134.35
7.07	-141.42	0.00002 (03111306)	-148.49
	0.00	0.00002 (03012907)	-7.07

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

134.35	0.00002	(03071105)			
-14.14	127.28		0.00002	(03013106)	-21.21
120.21	0.00002	(03111518)			
-28.28	113.14		0.00002	(03052303)	-35.36
106.07	0.00002	(03062202)			
-42.43	98.99		0.00002	(03091705)	-49.50
91.92	0.00003	(03041501)			
-53.03	88.39		0.00003	(03111403)	-56.57
84.85	0.00003	(03111804)			
-58.69	82.73		0.00004	(03012506)	-60.10
81.32	0.00004	(03030724)			
-61.52	79.90		0.00004	(03042303)	-62.93
78.49	0.00004	(03110701)			
-64.35	77.07		0.00005	(03041024)	-77.07
64.35	0.00005	(03040105)			
-78.49	62.93		0.00004	(03041023)	-79.90
61.52	0.00004	(03011102)			
-81.32	60.10		0.00004	(03043023)	-82.73
58.69	0.00004	(03112703)			
-84.85	56.57		0.00003	(03112003)	-88.39
53.03	0.00003	(03111123)			
-91.92	49.50		0.00003	(03031009)	-98.99
42.43	0.00002	(03101306)			
-106.07	35.36		0.00002	(03110919)	-113.14
28.28	0.00002	(03032106)			
-120.21	21.21		0.00002	(03011906)	-127.28
14.14	0.00002	(03021609)			
-134.35	7.07		0.00002	(03120102)	-141.42
0.00	0.00002	(03110304)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
127.28	7.07	134.35	0.00002	(03051301)		0.00
113.14	-7.07	120.21	0.00002	(03020605)		-14.14
98.99	-21.21	106.07	0.00002	(03041005)		-28.28
84.85	-35.36	91.92	0.00002	(03120106)		-42.43
77.78	-45.96	81.32	0.00003	(03080907)		-49.50
	-51.62	75.66	0.00003	(03040603)		-53.03

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

74.25	0.00003	(03062701)			
-54.45	72.83		0.00003	(03122507)	-55.86
71.42	0.00004	(03041407)			
-57.28	70.00		0.00004	(03111103)	-70.00
57.28	0.00004	(03091205)			
-71.42	55.86		0.00004	(03041524)	-72.83
54.45	0.00003	(03121520)			
-74.25	53.03		0.00003	(03112804)	-75.66
51.62	0.00003	(03121422)			
-77.78	49.50		0.00003	(03030503)	-81.32
45.96	0.00003	(03011622)			
-84.85	42.43		0.00002	(03112006)	-91.92
35.36	0.00002	(03021020)			
-98.99	28.28		0.00002	(03032106)	-106.07
21.21	0.00002	(03120101)			
-113.14	14.14		0.00002	(03112409)	-120.21
7.07	0.00002	(03102706)			
-127.28	0.00		0.00002	(03110406)	-134.35
-7.07	0.00002	(03021409)			
14.14	127.28		0.00002	(03091706)	7.07
120.21	0.00002	(03092005)			
0.00	113.14		0.00002	(03080806)	-7.07
106.07	0.00002	(03071707)			
-14.14	98.99		0.00002	(03031004)	-21.21
91.92	0.00002	(03022101)			
-28.28	84.85		0.00002	(03091001)	-35.36
77.78	0.00003	(03011305)			
-38.89	74.25		0.00003	(03042502)	-42.43
70.71	0.00003	(03081922)			
-44.55	68.59		0.00004	(03042501)	-45.96
67.18	0.00004	(03031007)			
-47.38	65.76		0.00004	(03090706)	-48.79
64.35	0.00004	(03030501)			
-50.20	62.93		0.00005	(03012503)	-62.93
50.20	0.00005	(03042003)			
-64.35	48.79		0.00004	(03020904)	-65.76
47.38	0.00004	(03122504)			
-67.18	45.96		0.00004	(03112403)	-68.59
44.55	0.00004	(03121523)			
-70.71	42.43		0.00003	(03091104)	-74.25
38.89	0.00003	(03030706)			
-77.78	35.36		0.00003	(03030502)	-84.85
28.28	0.00002	(03022806)			
-91.92	21.21		0.00002	(03111301)	-98.99
14.14	0.00002	(03011008)			
-106.07	7.07		0.00002	(03010621)	-113.14
0.00	0.00002	(03122120)			
-120.21	-7.07		0.00002	(03021901)	-127.28
-14.14	0.00002	(03120405)			
21.21	120.21		0.00002	(03020305)	14.14
113.14	0.00002	(03020606)			
7.07	106.07		0.00002	(03020808)	0.00
98.99	0.00002	(03031004)			
-7.07	91.92		0.00002	(03021803)	-14.14
84.85	0.00002	(03081006)			
-21.21	77.78		0.00003	(03051307)	-28.28
70.71	0.00003	(03111207)			
-31.82	67.18		0.00003	(03091307)	-35.36
63.64	0.00004	(03042501)			
-37.48	61.52		0.00004	(03011704)	-38.89
60.10	0.00004	(03111706)			
-40.31	58.69		0.00005	(03030109)	-41.72
57.28	0.00005	(03121201)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED

43.13	-43.13	0.00006	55.86	(03010905)	0.00006	(03021708)	-55.86
40.31	-57.28	0.00005	41.72	(03020904)	0.00005	(03010704)	-58.69
37.48	-60.10	0.00004	38.89	(03022308)	0.00004	(03010104)	-61.52

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
31.82	-63.64	0.00003	35.36	0.00004	(03122703)	-67.18
21.21	-70.71	0.00003	28.28	0.00003	(03110207)	-77.78
7.07	-84.85	0.00002	14.14	0.00002	(03042004)	-91.92
-7.07	-98.99	0.00002	0.00	0.00002	(03011008)	-106.07
-21.21	-113.14	0.00002	-14.14	0.00002	(03070307)	-120.21
106.07	28.28	0.00002	113.14	0.00002	(03021003)	21.21
91.92	14.14	0.00002	98.99	0.00002	(03030207)	7.07
77.78	0.00	0.00002	84.85	0.00002	(03012108)	-7.07
63.64	-14.14	0.00003	70.71	0.00003	(03011305)	-21.21
56.57	-24.75	0.00004	60.10	0.00004	(03071906)	-28.28
53.03	-30.41	0.00004	54.45	0.00004	(03030824)	-31.82
50.20	-33.23	0.00005	51.62	0.00005	(03122704)	-34.65
36.06	-36.06	0.00006	48.79	0.00006	(03032407)	-48.79
33.23	-50.20	0.00005	34.65	0.00006	(03062705)	-51.62
30.41	-53.03	0.00004	31.82	0.00005	(03030904)	-54.45
24.75	-56.57	0.00004	28.28	0.00004	(03112403)	-60.10
14.14	-63.64	0.00003	21.21	0.00003	(03032324)	-70.71

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.00	-77.78	0.00002	7.07	0.00002	(03101403)	-84.85
-14.14	-91.92	0.00002	-7.07	0.00002	(03121703)	-98.99
-28.28	-106.07	0.00002	-21.21	0.00002	(03011008)	-113.14
98.99	35.36	0.00002	106.07	0.00002	(03012505)	28.28
84.85	21.21	0.00002	91.92	0.00002	(03072603)	14.14
70.71	7.07	0.00002	77.78	0.00002	(03030207)	0.00
56.57	-7.07	0.00003	63.64	0.00003	(03051824)	-14.14
49.50	-17.68	0.00003	53.03	0.00003	(03030402)	-21.21
45.96	-23.33	0.00004	47.38	0.00004	(03042503)	-24.75
43.13	-26.16	0.00005	44.55	0.00005	(03092307)	-27.58
28.99	-28.99	0.00006	41.72	0.00006	(03012503)	-41.72
26.16	-43.13	0.00007	27.58	0.00007	(03102708)	-44.55
23.33	-45.96	0.00006	24.75	0.00006	(03121806)	-47.38
17.68	-49.50	0.00005	21.21	0.00005	(03051905)	-53.03
7.07	-56.57	0.00004	14.14	0.00004	(03021207)	-63.64
-7.07	-70.71	0.00003	0.00	0.00003	(03121422)	-77.78
-21.21	-84.85	0.00002	-14.14	0.00002	(03012307)	-91.92
-35.36	-98.99	0.00002	-28.28	0.00002	(03011423)	-106.07
91.92	42.43	0.00002	98.99	0.00002	(03011008)	35.36
77.78	28.28	0.00002	84.85	0.00002	(03100806)	21.21
63.64	14.14	0.00002	70.71	0.00002	(03010803)	7.07
49.50	0.00	0.00002	56.57	0.00002	(03051603)	-7.07
42.43	-10.61	0.00003	45.96	0.00003	(03111723)	-14.14
		0.00004		0.00004	(03012322)	
		0.00005		0.00005	(03102001)	
					(03112507)	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
38.89	-16.26	0.00006	40.31 (03091204)	0.00005	(03090206)	-17.68
36.06	-19.09	0.00007	37.48 (03032407)	0.00006	(03112404)	-20.51
21.92	-21.92	0.00007	34.65 (03102721)	0.00007	(03010908)	-34.65
19.09	-36.06	0.00006	20.51 (03120324)	0.00006	(03030804)	-37.48
16.26	-38.89	0.00005	17.68 (03012023)	0.00006	(03010704)	-40.31
10.61	-42.43	0.00004	14.14 (03031006)	0.00005	(03010104)	-45.96
0.00	-49.50	0.00003	7.07 (03021903)	0.00004	(03010802)	-56.57
-14.14	-63.64	0.00002	-7.07 (03122809)	0.00003	(03011622)	-70.71
-28.28	-77.78	0.00002	-21.21 (03021020)	0.00002	(03032002)	-84.85
-42.43	-91.92	0.00002	-35.36 (03011008)	0.00002	(03011805)	-98.99
84.85	49.50	0.00002	91.92 (03040805)	0.00002	(03122802)	42.43
70.71	35.36	0.00002	77.78 (03111923)	0.00002	(03081003)	28.28
56.57	21.21	0.00003	63.64 (03112402)	0.00002	(03021224)	14.14
42.43	7.07	0.00004	49.50 (03050107)	0.00003	(03121723)	0.00
35.36	-3.54	0.00005	38.89 (03012806)	0.00004	(03081004)	-7.07
31.82	-9.19	0.00006	33.23 (03042424)	0.00005	(03090206)	-10.61
28.99	-12.02	0.00007	30.41 (03110601)	0.00006	(03021708)	-13.44
14.85	-14.85	0.00007	27.58 (03082104)	0.00007	(03031005)	-27.58
12.02	-28.99	0.00006	13.44 (03010905)	0.00007	(03022722)	-30.41
9.19	-31.82	0.00005	10.61 (03102603)	0.00006	(03042003)	-33.23
3.54	-35.36	0.00004	7.07 (03120421)	0.00005	(03100306)	-38.89
-7.07	-42.43	0.00003	0.00 (03091306)	0.00004	(03122703)	-49.50
-21.21	-56.57	0.00002	-14.14 (03031606)	0.00003	(03102003)	-63.64
-35.36	-70.71	0.00002	-28.28 (03092204)	0.00002	(03112502)	-77.78
-49.50	-84.85	0.00002	-42.43 (03011805)	0.00002	(03120503)	-91.92
77.78	56.57	0.00002	84.85 (03012108)	0.00002	(03040805)	49.50
63.64	42.43	0.00002	70.71 (03111908)	0.00002	(03050306)	35.36
49.50	28.28	0.00003	56.57 (03111207)	0.00002	(03030703)	21.21
	14.14		42.43	0.00003	(03031624)	7.07

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

35.36	0.00004	(03122507)	0.00005	(03041407)	0.00
28.28	0.00005	(03030501)	0.00006	(03012503)	-3.54
24.75	0.00006	(03112404)	0.00006	(03032407)	-6.36
21.92	0.00007	(03010908)	0.00007	(03121803)	-20.51
7.78	0.00007	(03112805)	0.00007	(03102721)	-23.33
4.95	0.00006	(03030804)	0.00006	(03120324)	-26.16
2.12	0.00006	(03110604)	0.00005	(03101924)	-31.82
-3.54	0.00005	(03021207)	0.00004	(03031006)	-42.43
-14.14	0.00003	(03040801)	0.00003	(03110207)	-56.57
-28.28	0.00002	(03030607)	0.00002	(03112006)	-70.71
-42.43	0.00002	(03121608)	0.00002	(03010109)	-84.85
-56.57	0.00002	(03021804)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
63.64	77.78	0.00002	(03091105)	56.57
70.71	0.00002	(03050124)		
49.50	63.64	0.00002	(03101606)	42.43
56.57	0.00002	(03022824)		
35.36	49.50	0.00003	(03090705)	28.28
42.43	0.00003	(03110123)		
21.21	35.36	0.00003	(03122806)	14.14
28.28	0.00004	(03051902)		
10.61	24.75	0.00005	(03091005)	7.07
21.21	0.00005	(03101205)		
4.95	19.09	0.00006	(03121207)	3.54
17.68	0.00006	(03032407)		
2.12	16.26	0.00006	(03011721)	0.71
14.85	0.00007	(03040702)		
-0.71	13.44	0.00007	(03022707)	-13.44
0.71	0.00007	(03052006)		
-14.85	-0.71	0.00007	(03111608)	-16.26

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-2.12		0.00006	(03102721)			
	-17.68		-3.54	0.00006	(03030804)	-19.09
-4.95		0.00006	(03120324)			
	-21.21		-7.07	0.00005	(03020724)	-24.75
-10.61		0.00005	(03010104)			
	-28.28		-14.14	0.00004	(03121623)	-35.36
-21.21		0.00003	(03030902)			
	-42.43		-28.28	0.00003	(03030503)	-49.50
-35.36		0.00003	(03020303)			
	-56.57		-42.43	0.00002	(03031606)	-63.64
-49.50		0.00002	(03112006)			
	-70.71		-56.57	0.00002	(03021904)	-77.78
-63.64		0.00002	(03021704)			
	70.71		70.71	0.00002	(03012020)	63.64
63.64		0.00002	(03101601)			
	56.57		56.57	0.00002	(03111908)	49.50
49.50		0.00002	(03080907)			
	42.43		42.43	0.00003	(03080805)	35.36
35.36		0.00003	(03121723)			
	28.28		28.28	0.00003	(03081924)	21.21
21.21		0.00004	(03022122)			
	17.68		17.68	0.00005	(03030501)	14.14
14.14		0.00005	(03111006)			
	12.02		12.02	0.00005	(03032407)	10.61
10.61		0.00006	(03011721)			
	9.19		9.19	0.00006	(03040702)	7.78
7.78		0.00006	(03050101)			
	6.36		6.36	0.00006	(03112406)	-6.36
-6.36		0.00006	(03082106)			
	-7.78		-7.78	0.00006	(03101303)	-9.19
-9.19		0.00006	(03021706)			
	-10.61		-10.61	0.00006	(03102721)	-12.02
-12.02		0.00005	(03040906)			
	-14.14		-14.14	0.00005	(03062705)	-17.68
-17.68		0.00005	(03020904)			
	-21.21		-21.21	0.00004	(03021207)	-28.28
-28.28		0.00003	(03020908)			
	-35.36		-35.36	0.00003	(03091306)	-42.43
-42.43		0.00003	(03010620)			
	-49.50		-49.50	0.00002	(03112424)	-56.57
-56.57		0.00002	(03020302)			
	-63.64		-63.64	0.00002	(03032706)	-70.71
-70.71		0.00002	(03032002)			
	77.78		63.64	0.00002	(03112601)	70.71
56.57		0.00002	(03051603)			
	63.64		49.50	0.00002	(03022824)	56.57
42.43		0.00002	(03090705)			
	49.50		35.36	0.00003	(03111723)	42.43
28.28		0.00003	(03120707)			
	35.36		21.21	0.00003	(03051005)	28.28
14.14		0.00004	(03092307)			
	24.75		10.61	0.00004	(03121201)	21.21
7.07		0.00005	(03041422)			
	19.09		4.95	0.00005	(03011721)	17.68
3.54		0.00005	(03111801)			
	16.26		2.12	0.00005	(03022802)	14.85
0.71		0.00005	(03010421)			
	13.44		-0.71	0.00005	(03111102)	0.71
-13.44		0.00005	(03082407)			
	-0.71		-14.85	0.00005	(03020604)	-2.12
-16.26		0.00005	(03012501)			
	-3.54		-17.68	0.00005	(03040705)	-4.95
-19.09		0.00005	(03102721)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Di recti on  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-24.75	-7.07	-21.21	(03010704)	0.00005	(03040804)	-10.61
-35.36	-14.14	-28.28	(03022807)	0.00004	(03022503)	-21.21
-49.50	-28.28	-42.43	(03030503)	0.00003	(03121422)	-35.36
-63.64	-42.43	-56.57	(03022803)	0.00002	(03112603)	-49.50
-77.78	-56.57	-70.71	(03032706)	0.00002	(03122809)	-63.64
49.50	84.85	56.57	(03021224)	0.00002	(03102501)	77.78
35.36	70.71	42.43	(03012609)	0.00002	(03082503)	63.64
21.21	56.57	28.28	(03072002)	0.00003	(03102605)	49.50
7.07	42.43	14.14	(03101524)	0.00003	(03081004)	35.36
0.00	31.82	3.54	(03033006)	0.00004	(03112404)	28.28
-3.54	26.16	-2.12	(03022802)	0.00004	(03111801)	24.75
-6.36	23.33	-4.95	(03041702)	0.00005	(03043004)	21.92
-20.51	20.51	-7.78	(03010407)	0.00005	(03021705)	7.78
-23.33	6.36	-21.92	(03030404)	0.00005	(03111303)	4.95
-26.16	3.54	-24.75	(03082104)	0.00005	(03012501)	2.12
-31.82	0.00	-28.28	(03120324)	0.00004	(03091106)	-3.54
-42.43	-7.07	-35.36	(03030423)	0.00004	(03062523)	-14.14
-56.57	-21.21	-49.50	(03111907)	0.00003	(03121720)	-28.28
-70.71	-35.36	-63.64	(03111604)	0.00002	(03112709)	-42.43
-84.85	-49.50	-77.78	(03112006)	0.00002	(03031606)	-56.57

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

91.92	49.50	0.00002	(03030303)	84.85
42.43	77.78	0.00002	(03011522)	70.71
28.28	63.64	0.00002	(03101404)	56.57
14.14	49.50	0.00003	(03121909)	42.43
0.00	38.89	0.00004	(03012503)	35.36
-7.07	33.23	0.00004	(03011307)	31.82
-10.61	30.41	0.00004	(03022707)	28.99
-13.44	27.58	0.00004	(03041104)	14.85
-27.58	13.44	0.00004	(03111108)	12.02
-30.41	10.61	0.00004	(03082106)	9.19
-33.23	7.07	0.00004	(03112805)	3.54
-38.89	0.00	0.00004	(03040804)	-7.07
-49.50	-14.14	0.00003	(03010104)	-21.21
-63.64	-28.28	0.00003	(03091104)	-35.36
-77.78	-42.43	0.00002	(03010620)	-49.50
-91.92	98.99	0.00002	(03031606)	91.92
35.36	84.85	0.00002	(03020304)	77.78
21.21	70.71	0.00002	(03032403)	63.64
7.07	56.57	0.00003	(03032408)	49.50
-7.07	45.96	0.00003	(03121207)	42.43
-14.14		0.00003	(03040702)	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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 (YYMMDDHH) X-COORD (M)  
 Y-COORD (M) CONC (YYMMDDHH)

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED				
40.31	-16.26	0.00004	(03050101)	38.89
-17.68	0.00004	(03012324)		
37.48	-19.09	0.00004	(03092108)	36.06
-20.51	0.00004	(03021705)		
34.65	-21.92	0.00004	(03111905)	21.92
-34.65	0.00004	(03111309)		
20.51	-36.06	0.00004	(03010407)	19.09
-37.48	0.00004	(03082407)		
17.68	-38.89	0.00004	(03011523)	16.26
-40.31	0.00004	(03101303)		
14.14	-42.43	0.00003	(03032907)	10.61
-45.96	0.00003	(03022722)		
7.07	-49.50	0.00003	(03120324)	0.00
-56.57	0.00003	(03100306)		
-7.07	-63.64	0.00003	(03121623)	-14.14
-70.71	0.00002	(03121720)		
-21.21	-77.78	0.00002	(03111605)	-28.28
-84.85	0.00002	(03021903)		
-35.36	-91.92	0.00002	(03102003)	-42.43
-98.99	0.00002	(03030607)		
106.07	35.36	0.00002	(03090705)	98.99
28.28	0.00002	(03012609)		
91.92	21.21	0.00002	(03121723)	84.85
14.14	0.00002	(03092104)		
77.78	7.07	0.00002	(03030903)	70.71
0.00	0.00002	(03041407)		
63.64	-7.07	0.00003	(03101524)	56.57
-14.14	0.00003	(03041422)		
53.03	-17.68	0.00003	(03011721)	49.50
-21.21	0.00003	(03022802)		
47.38	-23.33	0.00003	(03102422)	45.96
-24.75	0.00003	(03041702)		
44.55	-26.16	0.00003	(03041104)	43.13
-27.58	0.00003	(03072606)		
41.72	-28.99	0.00003	(03111721)	28.99
-41.72	0.00003	(03062524)		
27.58	-43.13	0.00003	(03110507)	26.16
-44.55	0.00003	(03020402)		
24.75	-45.96	0.00003	(03111303)	23.33
-47.38	0.00003	(03020323)		
21.21	-49.50	0.00003	(03010907)	17.68
-53.03	0.00003	(03102721)		
14.14	-56.57	0.00003	(03040804)	7.07
-63.64	0.00003	(03051905)		
0.00	-70.71	0.00002	(03021207)	-7.07
-77.78	0.00002	(03092208)		
-14.14	-84.85	0.00002	(03110323)	-21.21
-91.92	0.00002	(03032324)		
-28.28	-98.99	0.00002	(03110207)	-35.36
-106.07	0.00002	(03112603)		
113.14	28.28	0.00002	(03112303)	106.07
21.21	0.00002	(03101404)		
98.99	14.14	0.00002	(03102423)	91.92
7.07	0.00002	(03041701)		
84.85	0.00	0.00002	(03111106)	77.78
-7.07	0.00002	(03051903)		
70.71	-14.14	0.00002	(03121201)	63.64
-21.21	0.00003	(03110601)		
60.10	-24.75	0.00003	(03031005)	56.57
-28.28	0.00003	(03050101)		
54.45	-30.41	0.00003	(03112406)	53.03
-31.82	0.00003	(03031024)		
51.62	-33.23	0.00003	(03021705)	50.20

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-34.65	0.00003	(03010323)			
48.79	-36.06		0.00003	(03030407)	36.06
-48.79	0.00003	(03030505)			
34.65	-50.20		0.00003	(03030704)	33.23
-51.62	0.00003	(03010407)			
31.82	-53.03		0.00003	(03082407)	30.41
-54.45	0.00003	(03082106)			
28.28	-56.57		0.00003	(03101303)	24.75
-60.10	0.00003	(03082104)			
21.21	-63.64		0.00003	(03022722)	14.14
-70.71	0.00002	(03010704)			
7.07	-77.78		0.00002	(03111024)	0.00
-84.85	0.00002	(03112403)			
-7.07	-91.92		0.00002	(03112804)	-14.14
-98.99	0.00002	(03040801)			
-21.21	-106.07		0.00002	(03010204)	-28.28
-113.14	0.00002	(03010620)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
120.21	21.21	0.00002	(03111723)	113.14	14.14
106.07	7.07	0.00002	(03122806)	98.99	0.00
91.92	-7.07	0.00002	(03011623)	84.85	-14.14
77.78	-21.21	0.00002	(03042424)	70.71	-28.28
67.18	-31.82	0.00002	(03011604)	63.64	-35.36
61.52	-37.48	0.00003	(03041702)	60.10	-38.89
58.69	-40.31	0.00003	(03072606)	57.28	-41.72
55.86	-43.13	0.00003	(03122003)	43.13	-55.86
41.72	-57.28	0.00003	(03111309)	40.31	-58.69
38.89	-60.10	0.00003	(03020402)	37.48	-61.52
35.36	-63.64	0.00002	(03030404)	31.82	-67.18
28.28	-70.71	0.00002	(03032903)	21.21	

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-77.78	0.00002	(03062705)			
14.14	-84.85		0.00002	(03030904)	7.07
-91.92	0.00002	(03110524)			
0.00	-98.99		0.00002	(03092208)	-7.07
-106.07	0.00002	(03030902)			
-14.14	-113.14		0.00002	(03102407)	-21.21
-120.21	0.00002	(03030503)			
127.28	14.14		0.00001	(03110108)	120.21
7.07	0.00002	(03102423)			
113.14	0.00		0.00002	(03033005)	106.07
-7.07	0.00002	(03110408)			
98.99	-14.14		0.00002	(03030824)	91.92
-21.21	0.00002	(03122704)			
84.85	-28.28		0.00002	(03022123)	77.78
-35.36	0.00002	(03011307)			
74.25	-38.89		0.00002	(03022802)	70.71
-42.43	0.00002	(03012324)			
68.59	-44.55		0.00002	(03111102)	67.18
-45.96	0.00002	(03021705)			
65.76	-47.38		0.00002	(03010323)	64.35
-48.79	0.00002	(03111721)			
62.93	-50.20		0.00002	(03092608)	50.20
-62.93	0.00002	(03030107)			
48.79	-64.35		0.00002	(03062524)	47.38
-65.76	0.00002	(03010619)			
45.96	-67.18		0.00002	(03010407)	44.55
-68.59	0.00002	(03082407)			
42.43	-70.71		0.00002	(03040707)	38.89
-74.25	0.00002	(03010907)			
35.36	-77.78		0.00002	(03082104)	28.28
-84.85	0.00002	(03022723)			
21.21	-91.92		0.00002	(03020109)	14.14
-98.99	0.00002	(03122504)			
7.07	-106.07		0.00002	(03031006)	0.00
-113.14	0.00002	(03020908)			
-7.07	-120.21		0.00002	(03091104)	-14.14
-127.28	0.00001	(03032324)			
134.35	7.07		0.00001	(03090506)	127.28
0.00	0.00001	(03011621)			
120.21	-7.07		0.00002	(03081921)	113.14
-14.14	0.00002	(03081004)			
106.07	-21.21		0.00002	(03011705)	98.99
-28.28	0.00002	(03022209)			
91.92	-35.36		0.00002	(03041422)	84.85
-42.43	0.00002	(03111801)			
81.32	-45.96		0.00002	(03050101)	77.78
-49.50	0.00002	(03041702)			
75.66	-51.62		0.00002	(03021723)	74.25
-53.03	0.00002	(03012904)			
72.83	-54.45		0.00002	(03111905)	71.42
-55.86	0.00002	(03010823)			
70.00	-57.28		0.00002	(03110522)	57.28
-70.00	0.00002	(03022606)			
55.86	-71.42		0.00002	(03122505)	54.45
-72.83	0.00002	(03110103)			
53.03	-74.25		0.00002	(03110507)	51.62
-75.66	0.00002	(03020402)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

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Direction

\*\*MODELOPTS:

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CONC 02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

**		**		**		**	
Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	X-COORD (M)
-81.32	49.50	-77.78	0.00002	(03111303)	45.96		
-91.92	42.43	-84.85	0.00002	(03102623)	35.36		
-106.07	28.28	-98.99	0.00002	(03020724)	21.21		
-120.21	14.14	-113.14	0.00002	(03030423)	7.07		
-134.35	0.00	-127.28	0.00001	(03121804)	-7.07		
-7.07	141.42	0.00	0.00001	(03081922)	134.35		
-21.21	127.28	-14.14	0.00001	(03110408)	120.21		
-35.36	113.14	-28.28	0.00002	(03030109)	106.07		
-49.50	98.99	-42.43	0.00002	(03032407)	91.92		
-56.57	88.39	-53.03	0.00002	(03043004)	84.85		
-60.10	82.73	-58.69	0.00002	(03021705)	81.32		
-62.93	79.90	-61.52	0.00002	(03111905)	78.49		
-77.07	77.07	-64.35	0.00002	(03110522)	64.35		
-79.90	62.93	-78.49	0.00002	(03092107)	61.52		
-82.73	60.10	-81.32	0.00002	(03010619)	58.69		
-88.39	56.57	-84.85	0.00002	(03082407)	53.03		
-98.99	49.50	-91.92	0.00002	(03111608)	42.43		
-113.14	35.36	-106.07	0.00002	(03042003)	28.28		
-127.28	21.21	-120.21	0.00002	(03021207)	14.14		
-141.42	7.07	-134.35	0.00001	(03010501)	0.00		
-14.14	148.49	-7.07	0.00001	(03071906)	141.42		
-28.28	134.35	-21.21	0.00001	(03011704)	127.28		
-42.43	120.21	-35.36	0.00002	(03090206)	113.14		

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

106.07	-49.50	0.00002	(03102707)	98.99
-56.57	0.00002	(03022802)		
95.46	-60.10	0.00002	(03010421)	91.92
-63.64	0.00002	(03111102)		
89.80	-65.76	0.00002	(03072606)	88.39
-67.18	0.00002	(03010323)		
86.97	-68.59	0.00002	(03111721)	85.56
-70.00	0.00002	(03092608)		
84.15	-71.42	0.00002	(03091905)	71.42
-84.15	0.00002	(03011710)		
70.00	-85.56	0.00002	(03040903)	68.59
-86.97	0.00002	(03062524)		
67.18	-88.39	0.00002	(03110103)	65.76
-89.80	0.00002	(03110507)		
63.64	-91.92	0.00002	(03082407)	60.10
-95.46	0.00002	(03020604)		
56.57	-98.99	0.00002	(03010907)	49.50
-106.07	0.00002	(03091106)		
42.43	-113.14	0.00002	(03062705)	35.36
-120.21	0.00002	(03012023)		
28.28	-127.28	0.00001	(03010104)	21.21
-134.35	0.00001	(03030705)		
14.14	-141.42	0.00001	(03121523)	7.07
-148.49	0.00001	(03101705)		
155.56	-14.14	0.00001	(03033005)	148.49
-21.21	0.00001	(03122507)		
141.42	-28.28	0.00001	(03030524)	134.35
-35.36	0.00001	(03092307)		
127.28	-42.43	0.00001	(03101205)	120.21
-49.50	0.00001	(03022702)		
113.14	-56.57	0.00002	(03020822)	106.07
-63.64	0.00002	(03050101)		
102.53	-67.18	0.00002	(03112406)	98.99
-70.71	0.00002	(03021723)		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
96.87	-72.83	0.00002	(03010323)	95.46
-74.25	0.00002	(03111905)		
94.05	-75.66	0.00002	(03030407)	92.63
-77.07	0.00002	(03092608)		
91.22	-78.49	0.00002	(03051003)	78.49
-91.22	0.00002	(03011710)		

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
	77.07	-92.63	0.00002	(03030107)	75.66
-94.05		0.00002 (03030505)			
	74.25	-95.46	0.00002	(03111309)	72.83
-96.87		0.00002 (03111108)			
	70.71	-98.99	0.00002	(03020402)	67.18
-102.53		0.00002 (03040707)			
	63.64	-106.07	0.00002	(03101303)	56.57
-113.14		0.00002 (03102721)			
	49.50	-120.21	0.00001	(03033003)	42.43
-127.28		0.00001 (03020724)			
	35.36	-134.35	0.00001	(03111024)	28.28
-141.42		0.00001 (03110524)			
	21.21	-148.49	0.00001	(03012824)	14.14
-155.56		0.00001 (03010501)			
	162.63	-21.21	0.00001	(03081921)	155.56
-28.28		0.00001 (03032408)			
	148.49	-35.36	0.00001	(03112705)	141.42
-42.43		0.00001 (03030109)			
	134.35	-49.50	0.00001	(03082506)	127.28
-56.57		0.00001 (03041422)			
	120.21	-63.64	0.00001	(03010908)	113.14
-70.71		0.00001 (03051823)			
	109.60	-74.25	0.00001	(03041702)	106.07
-77.78		0.00001 (03021705)			
	103.94	-79.90	0.00001	(03010323)	102.53
-81.32		0.00001 (03111905)			
	101.12	-82.73	0.00001	(03110204)	99.70
-84.15		0.00001 (03110522)			
	98.29	-85.56	0.00001	(03020907)	85.56
-98.29		0.00001 (03121506)			
	84.15	-99.70	0.00001	(03022606)	82.73
-101.12		0.00001 (03092107)			
	81.32	-102.53	0.00001	(03062524)	79.90
-103.94		0.00001 (03010619)			
	77.78	-106.07	0.00001	(03010407)	74.25
-109.60		0.00001 (03082106)			
	70.71	-113.14	0.00001	(03101303)	63.64
-120.21		0.00001 (03082104)			
	56.57	-127.28	0.00001	(03040804)	49.50
-134.35		0.00001 (03110604)			
	42.43	-141.42	0.00001	(03020904)	35.36
-148.49		0.00001 (03122504)			
	28.28	-155.56	0.00001	(03121623)	21.21
-162.63		0.00001 (03121523)			
	169.71	-28.28	0.00001	(03051005)	162.63
-35.36		0.00001 (03081004)			
	155.56	-42.43	0.00001	(03112507)	148.49
-49.50		0.00001 (03090206)			
	141.42	-56.57	0.00001	(03042424)	134.35
-63.64		0.00001 (03032407)			
	127.28	-70.71	0.00001	(03121121)	120.21
-77.78		0.00001 (03043004)			
	116.67	-81.32	0.00001	(03030805)	113.14
-84.85		0.00001 (03012904)			
	111.02	-86.97	0.00001	(03111905)	109.60
-88.39		0.00001 (03111721)			
	108.19	-89.80	0.00001	(03092608)	106.77
-91.22		0.00001 (03102421)			
	105.36	-92.63	0.00001	(03020907)	92.63
-105.36		0.00001 (03121506)			
	91.22	-106.77	0.00001	(03022606)	89.80
-108.19		0.00001 (03040903)			
	88.39	-109.60	0.00001	(03062524)	86.97

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-111.02	0.00001	(03110103)			
84.85	-113.14		0.00001	(03010407)	81.32
-116.67	0.00001	(03111303)			
77.78	-120.21		0.00001	(03030404)	70.71
-127.28	0.00001	(03082104)			
63.64	-134.35		0.00001	(03030804)	56.57
-141.42	0.00001	(03042003)			
49.50	-148.49		0.00001	(03012023)	42.43
-155.56	0.00001	(03010104)			
35.36	-162.63		0.00001	(03120421)	28.28
-169.71	0.00001	(03012824)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-42.43	176.78	-35.36	0.00001 (03111106)	169.71
-56.57	162.63	-49.50	0.00001 (03041407)	155.56
-70.71	148.49	-63.64	0.00001 (03123109)	141.42
-84.85	134.35	-77.78	0.00001 (03110601)	127.28
-91.92	123.74	-88.39	0.00001 (03040702)	120.21
-95.46	118.09	-94.05	0.00001 (03072606)	116.67
-98.29	115.26	-96.87	0.00001 (03111905)	113.84
-112.43	112.43	-99.70	0.00001 (03091905)	99.70
-115.26	98.29	-113.84	0.00001 (03051606)	96.87
-118.09	95.46	-116.67	0.00001 (03030107)	94.05
-123.74	91.92	-120.21	0.00001 (03111309)	88.39
-134.35	84.85	-127.28	0.00001 (03110507)	81.32
-148.49	70.71	-141.42	0.00001 (03082407)	77.78
-162.63	56.57	-155.56	0.00001 (03011523)	70.71
	42.43	-169.71	0.00001 (03022722)	63.64
			0.00001 (03022503)	49.50
			0.00001 (03021207)	35.36

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-176.78	0.00001	(03112403)			
183.85	-42.43		0.00001	(03081004)	176.78
-49.50	0.00001	(03030824)			
169.71	-56.57		0.00001	(03030109)	162.63
-63.64	0.00001	(03121201)			
155.56	-70.71		0.00001	(03020823)	148.49
-77.78	0.00001	(03102707)			
141.42	-84.85		0.00001	(03040304)	134.35
-91.92	0.00001	(03112406)			
130.81	-95.46		0.00001	(03041104)	127.28
-98.99	0.00001	(03010323)			
125.16	-101.12		0.00001	(03111721)	123.74
-102.53	0.00001	(03110204)			
122.33	-103.94		0.00001	(03110522)	120.92
-105.36	0.00001	(03122121)			
119.50	-106.77		0.00001	(03010909)	106.77
-119.50	0.00001	(03051606)			
105.36	-120.92		0.00001	(03011710)	103.94
-122.33	0.00001	(03030107)			
102.53	-123.74		0.00001	(03092107)	101.12
-125.16	0.00001	(03062524)			
98.99	-127.28		0.00001	(03010619)	95.46
-130.81	0.00001	(03121424)			
91.92	-134.35		0.00001	(03040707)	84.85
-141.42	0.00001	(03121222)			
77.78	-148.49		0.00001	(03032903)	70.71
-155.56	0.00001	(03010905)			
63.64	-162.63		0.00001	(03010704)	56.57
-169.71	0.00001	(03020904)			
49.50	-176.78		0.00001	(03010104)	42.43
-183.85	0.00001	(03022308)			
190.92	-49.50		0.00001	(03011623)	183.85
-56.57	0.00001	(03011705)			
176.78	-63.64		0.00001	(03122704)	169.71
-70.71	0.00001	(03012503)			
162.63	-77.78		0.00001	(03021703)	155.56
-84.85	0.00001	(03011721)			
148.49	-91.92		0.00001	(03022802)	141.42
-98.99	0.00001	(03112406)			
137.89	-102.53		0.00001	(03021723)	134.35
-106.07	0.00001	(03010323)			
132.23	-108.19		0.00001	(03111721)	130.81
-109.60	0.00001	(03122003)			
129.40	-111.02		0.00001	(03110522)	127.99
-112.43	0.00001	(03051003)			
126.57	-113.84		0.00001	(03020824)	113.84
-126.57	0.00001	(03121805)			
112.43	-127.99		0.00001	(03011710)	111.02
-129.40	0.00001	(03022606)			
109.60	-130.81		0.00001	(03040903)	108.19
-132.23	0.00001	(03062524)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,  
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O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

		**		** CONC OF OTHER		IN MICROGRAMS/M**3	
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	
-137.89	106.07	-134.35	(03020402)	0.00001	(03030704)	102.53	
-148.49	98.99	-141.42	(03010907)	0.00001	(03111303)	91.92	
-162.63	84.85	-155.56	(03092605)	0.00001	(03102721)	77.78	
-176.78	70.71	-169.71	(03012023)	0.00001	(03042003)	63.64	
-190.92	56.57	-183.85	(03021207)	0.00001	(03111024)	49.50	
-63.64	197.99	-56.57	(03092307)	0.00001	(03112705)	190.92	
-77.78	183.85	-70.71	(03042424)	0.00001	(03091204)	176.78	
-91.92	169.71	-84.85	(03010908)	0.00001	(03032407)	162.63	
-106.07	155.56	-98.99	(03030805)	0.00001	(03022802)	148.49	
-113.14	144.96	-109.60	(03111905)	0.00001	(03021705)	141.42	
-116.67	139.30	-115.26	(03092608)	0.00001	(03030407)	137.89	
-119.50	136.47	-118.09	(03020907)	0.00001	(03102421)	135.06	
-133.64	133.64	-120.92	(03121805)	0.00001	(03020824)	120.92	
-136.47	119.50	-135.06	(03022606)	0.00001	(03121506)	118.09	
-139.30	116.67	-137.89	(03030505)	0.00001	(03040903)	115.26	
-144.96	113.14	-141.42	(03010407)	0.00001	(03111309)	109.60	
-155.56	106.07	-148.49	(03012501)	0.00001	(03111303)	98.99	
-169.71	91.92	-162.63	(03030602)	0.00001	(03082104)	84.85	
-183.85	77.78	-176.78	(03062523)	0.00001	(03062705)	70.71	
-197.99	63.64	-190.92	(03122504)	0.00001	(03100306)	56.57	
-70.71	205.06	-63.64	(03030109)	0.00001	(03091005)	197.99	
-84.85	190.92	-77.78	(03112404)	0.00001	(03022209)	183.85	
-98.99	176.78	-91.92	(03121121)	0.00001	(03032407)	169.71	
-113.14	162.63	-106.07	(03031024)	0.00001	(03050101)	155.56	
-120.21	152.03	-116.67	(03111905)	0.00001	(03012904)	148.49	
-123.74	146.37	-122.33	(03092608)	0.00001	(03110204)	144.96	

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-126.57	143.54	-125.16	0.00001	(03102421)	142.13
		(03020907)			
-140.71	140.71	-127.99	0.00001	(03020824)	127.99
		(03121805)			
-143.54	126.57	-142.13	0.00001	(03121506)	125.16
		(03022606)			
-146.37	123.74	-144.96	0.00001	(03030107)	122.33
		(03092107)			
-152.03	120.21	-148.49	0.00001	(03111309)	116.67
		(03010407)			
-162.63	113.14	-155.56	0.00001	(03082407)	106.07
		(03101303)			
-176.78	98.99	-169.71	0.00001	(03082104)	91.92
		(03033106)			
-190.92	84.85	-183.85	0.00001	(03120324)	77.78
		(03020724)			
-205.06	70.71	-197.99	0.00001	(03020904)	63.64
		(03010104)			
-77.78	212.13	-70.71	0.00001	(03011705)	205.06
		(03090206)			
-91.92	197.99	-84.85	0.00001	(03012503)	190.92
		(03020823)			
-106.07	183.85	-98.99	0.00001	(03110601)	176.78
		(03111801)			
-120.21	169.71	-113.14	0.00001	(03022707)	162.63
		(03111102)			
-127.28	159.10	-123.74	0.00001	(03072606)	155.56
		(03111721)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-130.81	153.44	-129.40	0.00001	(03122003)	152.03
		(03110522)			
-133.64	150.61	-132.23	0.00001	(03091905)	149.20
		(03010909)			
-147.79	147.79	-135.06	0.00001	(03010403)	135.06
		(03030106)			
-150.61	133.64	-149.20	0.00001	(03121506)	132.23
		(03011710)			
-153.44	130.81	-152.03	0.00001	(03030107)	129.40
		(03092107)			
-159.10	127.28	-155.56	0.00001	(03062524)	123.74
		(03110507)			

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-169.71	120.21	-162.63	0.00001	(03082407)	113.14
		(03052006)			
	106.07	-176.78	0.00001	(03040705)	98.99
-183.85		(03091106)			
	91.92	-190.92	0.00001	(03010905)	84.85
-197.99		(03110604)			
	77.78	-205.06	0.00001	(03012103)	70.71
-212.13		(03111024)			
	219.20	-77.78	0.00001	(03092307)	212.13
-84.85		(03101524)			
	205.06	-91.92	0.00001	(03042424)	197.99
-98.99		(03021703)			
	190.92	-106.07	0.00001	(03102621)	183.85
-113.14		(03040702)			
	176.78	-120.21	0.00001	(03043004)	169.71
-127.28		(03041104)			
	166.17	-130.81	0.00001	(03072606)	162.63
-134.35		(03111721)			
	160.51	-136.47	0.00001	(03092608)	159.10
-137.89		(03110522)			
	157.68	-139.30	0.00001	(03122121)	156.27
-140.71		(03010909)			
	154.86	-142.13	0.00001	(03010403)	142.13
-154.86		(03010720)			
	140.71	-156.27	0.00001	(03051606)	139.30
-157.68		(03011710)			
	137.89	-159.10	0.00001	(03022606)	136.47
-160.51		(03040903)			
	134.35	-162.63	0.00001	(03062524)	130.81
-166.17		(03111108)			
	127.28	-169.71	0.00001	(03020402)	120.21
-176.78		(03030404)			
	113.14	-183.85	0.00001	(03111608)	106.07
-190.92		(03102721)			
	98.99	-197.99	0.00001	(03092605)	91.92
-205.06		(03042003)			
	84.85	-212.13	0.00001	(03051905)	77.78
-219.20		(03100306)			
	226.27	-84.85	0.00001	(03030109)	219.20
-91.92		(03101205)			
	212.13	-98.99	0.00001	(03111006)	205.06
-106.07		(03041422)			
	197.99	-113.14	0.00001	(03011721)	190.92
-120.21		(03040304)			
	183.85	-127.28	0.00001	(03010421)	176.78
-134.35		(03021723)			
	173.24	-137.89	0.00001	(03010323)	169.71
-141.42		(03030407)			
	167.58	-143.54	0.00001	(03092608)	166.17
-144.96		(03110522)			
	164.76	-146.37	0.00001	(03051003)	163.34
-147.79		(03020824)			
	161.93	-149.20	0.00001	(03010403)	149.20
-161.93		(03010720)			
	147.79	-163.34	0.00001	(03121805)	146.37
-164.76		(03121506)			
	144.96	-166.17	0.00001	(03022606)	143.54
-167.58		(03030107)			
	141.42	-169.71	0.00001	(03030505)	137.89
-173.24		(03010619)			
	134.35	-176.78	0.00001	(03020402)	127.28
-183.85		(03020323)			
	120.21	-190.92	0.00001	(03121222)	113.14

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 -197.99 0.00001 (03102721)  
 106.07 -205.06 0.00001 (03030602) 98.99  
 -212.13 0.00001 (03062705)  
 91.92 -219.20 0.00001 (03020724) 84.85  
 -226.27 0.00001 (03030904)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTS:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-98.99	233.35	-91.92	0.00001 (03090206)	226.27
-113.14	198.99	-106.07	0.00001 (03082506)	212.13
-127.28	219.20	-120.21	0.00001 (03032407)	197.99
-141.42	205.06	-134.35	0.00001 (03022802)	183.85
-148.49	190.92	-144.96	0.00001 (03012324)	176.78
-152.03	180.31	-150.61	0.00001 (03010323)	173.24
-154.86	174.66	-153.44	0.00001 (03092608)	170.41
-169.00	171.83	-156.27	0.00001 (03020907)	156.27
-171.83	169.00	-170.41	0.00001 (03120804)	153.44
-174.66	154.86	-173.24	0.00001 (03030106)	150.61
-180.31	152.03	-176.78	0.00001 (03011710)	144.96
-190.92	148.49	-183.85	0.00001 (03030505)	134.35
-205.06	141.42	-197.99	0.00001 (03010407)	120.21
-219.20	127.28	-212.13	0.00001 (03011523)	106.07
-233.35	113.14	-226.27	0.00001 (030112805)	91.92
-106.07	98.99	-98.99	0.00001 (03010704)	233.35
-120.21	240.42	-113.14	0.00001 (03101524)	219.20
	226.27	-127.28	0.00001 (03020823)	205.06
	212.13		0.00001 (03011307)	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-134.35	0.00001	(03022802)			
197.99	-141.42		0.00001	(03112406)	190.92
-148.49	0.00001	(03021705)			
187.38	-152.03		0.00001	(03111905)	183.85
-155.56	0.00001	(03010823)			
181.73	-157.68		0.00001	(03110522)	180.31
-159.10	0.00001	(03122121)			
178.90	-160.51		0.00001	(03010909)	177.48
-161.93	0.00001	(03020824)			
176.07	-163.34		0.00001	(03111903)	163.34
-176.07	0.00001	(03010720)			
161.93	-177.48		0.00001	(03030106)	160.51
-178.90	0.00001	(03121506)			
159.10	-180.31		0.00001	(03011710)	157.68
-181.73	0.00001	(03030107)			
155.56	-183.85		0.00001	(03122505)	152.03
-187.38	0.00001	(03110103)			
148.49	-190.92		0.00001	(03010407)	141.42
-197.99	0.00001	(03040707)			
134.35	-205.06		0.00001	(03012501)	127.28
-212.13	0.00001	(03082104)			
120.21	-219.20		0.00001	(03022722)	113.14
-226.27	0.00001	(03010905)			
106.07	-233.35		0.00001	(03042003)	98.99
-240.42	0.00001	(03051905)			
247.49	-106.07		0.00001	(03101205)	240.42
-113.14	0.00001	(03042424)			
233.35	-120.21		0.00001	(03021703)	226.27
-127.28	0.00001	(03102707)			
219.20	-134.35		0.00001	(03031005)	212.13
-141.42	0.00001	(03050101)			
205.06	-148.49		0.00001	(03112406)	197.99
-155.56	0.00001	(03012904)			
194.45	-159.10		0.00001	(03111905)	190.92
-162.63	0.00001	(03122003)			
188.80	-164.76		0.00001	(03110522)	187.38
-166.17	0.00001	(03051003)			
185.97	-167.58		0.00001	(03010909)	184.55
-169.00	0.00001	(03010403)			
183.14	-170.41		0.00001	(03111903)	170.41
-183.14	0.00001	(03010720)			
169.00	-184.55		0.00001	(03022601)	167.58
-185.97	0.00001	(03051606)			
166.17	-187.38		0.00001	(03011710)	164.76
-188.80	0.00001	(03022606)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\*  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-194.45	162.63	-190.92	(03111309)	0.00001	(03092107)	159.10
-205.06	155.56	-197.99	(03082106)	0.00001	(03010407)	148.49
-219.20	141.42	-212.13	(03082104)	0.00001	(03101303)	134.35
-233.35	127.28	-226.27	(03092605)	0.00001	(03091106)	120.21
-247.49	113.14	-240.42	(03020724)	0.00001	(03042003)	106.07

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
240.42	-106.07	247.49	(03060204)	0.00002	(03060106)	-113.14
226.27	-120.21	233.35	(03032401)	0.00002	(03091705)	-127.28
212.13	-134.35	219.20	(03091924)	0.00002	(03052624)	-141.42
197.99	-148.49	205.06	(03101702)	0.00003	(03062424)	-155.56
190.92	-159.10	194.45	(03051504)	0.00005	(03082301)	-162.63
187.38	-164.76	188.80	(03102824)	0.00006	(03042305)	-166.17
184.55	-167.58	185.97	(03080704)	0.00006	(03052823)	-169.00
170.41	-170.41	183.14	(03091401)	0.00007	(03100907)	-183.14
167.58	-184.55	169.00	(03012102)	0.00007	(03052702)	-185.97
164.76	-187.38	166.17	(03051104)	0.00006	(03052707)	-188.80
159.10	-190.92	162.63	(03041524)	0.00005	(03091205)	-194.45
148.49	-197.99	155.56	(03050903)	0.00004	(03043023)	-205.06
	-212.13	141.42		0.00003	(03111123)	-219.20

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

134.35	0.00002	(03102606)			
-226.27	127.28		0.00002	(03061307)	-233.35
120.21	0.00002	(03101306)			
-240.42	113.14		0.00002	(03032306)	-247.49
106.07	0.00002	(03032104)			
-98.99	240.42		0.00002	(03050904)	-106.07
233.35	0.00002	(03021403)			
-113.14	226.27		0.00002	(03041102)	-120.21
219.20	0.00002	(03101522)			
-127.28	212.13		0.00002	(03101607)	-134.35
205.06	0.00003	(03012208)			
-141.42	197.99		0.00003	(03070407)	-148.49
190.92	0.00004	(03033101)			
-152.03	187.38		0.00004	(03011002)	-155.56
183.85	0.00005	(03061505)			
-157.68	181.73		0.00005	(03030721)	-159.10
180.31	0.00006	(03041024)			
-160.51	178.90		0.00006	(03021103)	-161.93
177.48	0.00007	(03090207)			
-163.34	176.07		0.00007	(03121704)	-176.07
163.34	0.00007	(03110308)			
-177.48	161.93		0.00007	(03102106)	-178.90
160.51	0.00006	(03082206)			
-180.31	159.10		0.00006	(03040105)	-181.73
157.68	0.00005	(03100905)			
-183.85	155.56		0.00005	(03052806)	-187.38
152.03	0.00004	(03080705)			
-190.92	148.49		0.00004	(03112001)	-197.99
141.42	0.00003	(03120708)			
-205.06	134.35		0.00003	(03101204)	-212.13
127.28	0.00002	(03101407)			
-219.20	120.21		0.00002	(03121122)	-226.27
113.14	0.00002	(03020222)			
-233.35	106.07		0.00002	(03032104)	-240.42
98.99	0.00002	(03120709)			
-91.92	233.35		0.00002	(03122603)	-98.99
226.27	0.00002	(03101805)			
-106.07	219.20		0.00002	(03120106)	-113.14
212.13	0.00002	(03050505)			
-120.21	205.06		0.00002	(03091322)	-127.28
197.99	0.00003	(03062506)			
-134.35	190.92		0.00003	(03081203)	-141.42
183.85	0.00004	(03070805)			
-144.96	180.31		0.00004	(03121303)	-148.49
176.78	0.00005	(03051303)			
-150.61	174.66		0.00005	(03090203)	-152.03
173.24	0.00006	(03102103)			
-153.44	171.83		0.00006	(03102824)	-154.86
170.41	0.00006	(03052823)			
-156.27	169.00		0.00007	(03080704)	-169.00
156.27	0.00007	(03052702)			
-170.41	154.86		0.00007	(03012102)	-171.83
153.44	0.00006	(03052707)			
-173.24	152.03		0.00006	(03051104)	-174.66
150.61	0.00005	(03100905)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 14:51:37

Direction  
 \*\*MODELOPTS:

CONC PAGE 104  
 URBAN FLAT FLGPOL DFAULT

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
-176.78	148.49	0.00005 (03010504)	-180.31
144.96	0.00004 (03043023)		
-183.85	141.42	0.00004 (03050507)	-190.92
134.35	0.00003 (03040505)		
-197.99	127.28	0.00003 (03012602)	-205.06
120.21	0.00002 (03111206)		
-212.13	113.14	0.00002 (03020222)	-219.20
106.07	0.00002 (03020408)		
-226.27	99.00	0.00002 (03040624)	-233.35
91.92	0.00002 (03032106)		
-84.85	226.27	0.00002 (03012823)	-91.92
219.20	0.00002 (03052303)		
-98.99	212.13	0.00002 (03042001)	-106.07
205.06	0.00002 (03091708)		
-113.14	197.99	0.00002 (03091705)	-120.21
190.92	0.00003 (03111822)		
-127.28	183.85	0.00003 (03051022)	-134.35
176.78	0.00004 (03040603)		
-137.89	173.24	0.00004 (03012506)	-141.42
169.71	0.00004 (03020321)		
-143.54	167.58	0.00005 (03112808)	-144.96
166.17	0.00005 (03072806)		
-146.37	164.76	0.00006 (03041024)	-147.79
163.34	0.00006 (03021103)		
-149.20	161.93	0.00007 (03011823)	-161.93
149.20	0.00007 (03092302)		
-163.34	147.79	0.00006 (03082206)	-164.76
146.37	0.00006 (03051104)		
-166.17	144.96	0.00005 (03010106)	-167.58
143.54	0.00005 (03021502)		
-169.71	141.42	0.00004 (03050106)	-173.24
137.89	0.00004 (03121521)		
-176.78	134.35	0.00003 (03050903)	-183.85
127.28	0.00003 (03010320)		
-190.92	120.21	0.00003 (03010701)	-197.99
113.14	0.00002 (03101306)		
-205.06	106.07	0.00002 (03122201)	-212.13
99.00	0.00002 (03040624)		
-219.20	91.92	0.00002 (03032106)	-226.27
84.85	0.00002 (03021607)		
-77.78	219.20	0.00002 (03091202)	-84.85
212.13	0.00002 (03101201)		
-91.92	205.06	0.00002 (03052303)	-98.99
197.99	0.00002 (03041003)		
-106.07	190.92	0.00002 (03060204)	-113.14
183.85	0.00002 (03101323)		
-120.21	176.78	0.00003 (03041501)	-127.28
169.71	0.00003 (03091206)		

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

162.63	-130.81	0.00004	166.17	0.00004	(03101501)	-134.35
			(03030724)			
159.10	-136.47	0.00005	160.51	0.00004	(03042303)	-137.89
			(03061505)			
156.27	-139.30	0.00006	157.68	0.00005	(03031602)	-140.71
			(03102824)			
142.13	-142.13	0.00006	154.86	0.00006	(03090207)	-154.86
			(03030103)			
139.30	-156.27	0.00005	140.71	0.00006	(03112609)	-157.68
			(03112707)			
136.47	-159.10	0.00004	137.89	0.00005	(03021605)	-160.51
			(03010504)			
130.81	-162.63	0.00004	134.35	0.00004	(03043023)	-166.17
			(03050507)			
120.21	-169.71	0.00003	127.28	0.00003	(03120708)	-176.78
			(03012602)			
106.07	-183.85	0.00002	113.14	0.00002	(03121122)	-190.92
			(03032306)			
91.92	-197.99	0.00002	99.00	0.00002	(03040624)	-205.06
			(03032106)			
77.78	-212.13	0.00002	84.85	0.00002	(03021607)	-219.20
			(03010822)			
205.06	-70.71	0.00002	212.13	0.00002	(03031523)	-77.78
			(03040107)			
190.92	-84.85	0.00002	197.99	0.00002	(03072601)	-91.92
			(03122603)			
176.78	-98.99	0.00002	183.85	0.00002	(03042624)	-106.07
			(03122709)			
162.63	-113.14	0.00003	169.71	0.00003	(03010924)	-120.21
			(03091924)			
155.56	-123.74	0.00004	159.10	0.00003	(03040507)	-127.28
			(03012506)			

1 \*\*\* IS CST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-129.40	153.44	0.00004	(03012021)	-130.81
152.03	0.00004	(03101224)		
-132.23	150.61	0.00005	(03091207)	-133.64
149.20	0.00005	(03102208)		
-135.06	147.79	0.00006	(03021103)	-147.79
135.06	0.00006	(03082206)		
-149.20	133.64	0.00005	(03051104)	-150.61
132.23	0.00005	(03041023)		

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
129.40	-152.03	0.00004	130.81 (03080705)	0.00004	(03010504)	-153.44
123.74	-155.56	0.00003	127.28 (03032206)	0.00004	(03112001)	-159.10
113.14	-162.63	0.00003	120.21 (03072904)	0.00003	(03111123)	-169.71
98.99	-176.78	0.00002	106.07 (03040624)	0.00002	(03020222)	-183.85
84.85	-190.92	0.00002	91.92 (03101801)	0.00002	(03032106)	-197.99
70.71	-205.06	0.00002	77.78 (03111306)	0.00002	(03010822)	-212.13
197.99	-63.64	0.00002	205.06 (03071105)	0.00002	(03012907)	-70.71
183.85	-77.78	0.00002	190.92 (03111518)	0.00002	(03013106)	-84.85
169.71	-91.92	0.00002	176.78 (03062202)	0.00002	(03052303)	-98.99
155.56	-106.07	0.00003	162.63 (03041501)	0.00002	(03091705)	-113.14
148.49	-116.67	0.00003	152.03 (03111804)	0.00003	(03111403)	-120.21
144.96	-122.33	0.00004	146.37 (03030724)	0.00004	(03012506)	-123.74
142.13	-125.16	0.00004	143.54 (03110701)	0.00004	(03042303)	-126.57
127.99	-127.99	0.00005	140.71 (03040105)	0.00005	(03041024)	-140.71
125.16	-142.13	0.00004	126.57 (03011102)	0.00004	(03041023)	-143.54
122.33	-144.96	0.00004	123.74 (03112703)	0.00004	(03043023)	-146.37
116.67	-148.49	0.00003	120.21 (03111123)	0.00003	(03112003)	-152.03
106.07	-155.56	0.00002	113.14 (03101306)	0.00003	(03031009)	-162.63
91.92	-169.71	0.00002	98.99 (03032106)	0.00002	(03110919)	-176.78
77.78	-183.85	0.00002	84.85 (03021609)	0.00002	(03011906)	-190.92
63.64	-197.99	0.00002	70.71 (03110304)	0.00002	(03120102)	-205.06
190.92	-56.57	0.00002	197.99 (03021322)	0.00002	(03051301)	-63.64
176.78	-70.71	0.00002	183.85 (03111902)	0.00002	(03020605)	-77.78
162.63	-84.85	0.00002	169.71 (03031004)	0.00002	(03041005)	-91.92
148.49	-98.99	0.00002	155.56 (03120524)	0.00002	(03120106)	-106.07
141.42	-109.60	0.00003	144.96 (03110123)	0.00003	(03080907)	-113.14
137.89	-115.26	0.00003	139.30 (03062701)	0.00003	(03040603)	-116.67
135.06	-118.09	0.00004	136.47 (03041407)	0.00003	(03122507)	-119.50
120.92	-120.92	0.00004	133.64 (03091205)	0.00004	(03111103)	-133.64
118.09	-135.06	0.00003	119.50 (03121520)	0.00004	(03041524)	-136.47
115.26	-137.89	0.00003	116.67 (03121422)	0.00003	(03112804)	-139.30
	-141.42	0.00003	113.14	0.00003	(03030503)	-144.96

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

109.60	-148.49	0.00003	(03011622)	0.00002	(03112006)	-155.56
98.99	-162.63	0.00002	(03021020)	0.00002	(03032106)	-169.71
84.85	-176.78	0.00002	(03120101)	0.00002	(03112409)	-183.85
70.71	-190.92	0.00002	(03102706)	0.00002	(03110406)	-197.99
56.57		0.00002	(03021409)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
	-49.50	190.92	(03092005)	0.00002	(03091706)	-56.57
183.85	-63.64	176.78	(03071707)	0.00002	(03080806)	-70.71
169.71	-77.78	162.63	(03022101)	0.00002	(03031004)	-84.85
155.56	-91.92	148.49	(03011305)	0.00002	(03091001)	-98.99
141.42	-102.53	137.89	(03081922)	0.00003	(03042502)	-106.07
134.35	-108.19	132.23	(03092004)	0.00004	(03042501)	-109.60
130.81	-111.02	129.40	(03030501)	0.00004	(03090706)	-112.43
127.99	-113.84	126.57	(03042003)	0.00005	(03012503)	-126.57
113.84	-127.99	112.43	(03122504)	0.00004	(03020904)	-129.40
111.02	-130.81	109.60	(03121523)	0.00004	(03112403)	-132.23
108.19	-134.35	106.07	(03030706)	0.00003	(03091104)	-137.89
102.53	-141.42	98.99	(03022806)	0.00003	(03030502)	-148.49
91.92	-155.56	84.85	(03011008)	0.00002	(03111301)	-162.63
77.78	-169.71	70.71	(03122120)	0.00002	(03010621)	-176.78
63.64	-183.85	56.57	(03120405)	0.00002	(03021901)	-190.92
49.50	-42.43	183.85		0.00002	(03020305)	-49.50

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

176.78	0.00002	(03020606)	0.00002	(03020808)	-63.64
-56.57	0.00002	(03031004)	0.00002	(03021803)	-77.78
162.63	0.00002	(03081006)	0.00003	(03051307)	-91.92
-70.71	0.00003	(03111207)	0.00003	(03091307)	-98.99
148.49	0.00004	(03042501)	0.00004	(03011704)	-102.53
-84.85	0.00004	(03111706)	0.00005	(03030109)	-105.36
134.35	0.00005	(03121201)	0.00006	(03021708)	-119.50
-95.46	0.00006	(03010905)	0.00005	(03010704)	-122.33
127.28	0.00005	(03020904)	0.00004	(03010104)	-125.16
-101.12	0.00004	(03022308)	0.00004	(03122703)	-130.81
123.74	0.00003	(03091201)	0.00003	(03110207)	-141.42
-103.94	0.00003	(03012307)	0.00002	(03042004)	-155.56
120.92	0.00002	(03051006)	0.00002	(03011008)	-169.71
-106.77	0.00002	(03010423)	0.00002	(03070307)	-183.85
106.77	0.00002	(03102201)	0.00002	(03021003)	-42.43
-120.92	0.00002	(03072603)	0.00002	(03030207)	-56.57
103.94	0.00002	(03092707)	0.00002	(03012108)	-70.71
-123.74	0.00002	(03120402)	0.00003	(03011305)	-84.85
101.12	0.00003	(03121723)	0.00004	(03071906)	-91.92
-127.28	0.00004	(03111106)	0.00004	(03030824)	-95.46
95.46	0.00005	(03080804)	0.00005	(03122704)	-98.29
-134.35	0.00006	(03101703)	0.00006	(03032407)	-112.43
84.85	0.00006	(03010502)	0.00006	(03062705)	-115.26
-148.49	0.00005	(03020724)	0.00005	(03030904)	-118.09
70.71	0.00004	(03111609)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

Direction

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
-120.21	91.92	0.00004	(03112403)	-123.74	
88.39	0.00004	(03101705)			
-127.28	84.85	0.00003	(03032324)	-134.35	
77.78	0.00003	(03030502)			
-141.42	70.71	0.00002	(03101403)	-148.49	
63.64	0.00002	(03010705)			
-155.56	56.57	0.00002	(03121703)	-162.63	
49.50	0.00002	(03011008)			
-169.71	42.43	0.00002	(03012505)	-176.78	
35.36	0.00002	(03030603)			
-28.28	169.71	0.00002	(03072603)	-35.36	
162.63	0.00002	(03030207)			
-42.43	155.56	0.00002	(03051824)	-49.50	
148.49	0.00002	(03110423)			
-56.57	141.42	0.00002	(03050306)	-63.64	
134.35	0.00003	(03051307)			
-70.71	127.28	0.00003	(03030402)	-77.78	
120.21	0.00004	(03120707)			
-81.32	116.67	0.00004	(03042503)	-84.85	
113.14	0.00004	(03030524)			
-86.97	111.02	0.00005	(03092307)	-88.39	
109.60	0.00005	(03101524)			
-89.80	108.19	0.00006	(03012503)	-91.22	
106.77	0.00006	(03021708)			
-92.63	105.36	0.00007	(03102708)	-105.36	
92.63	0.00007	(03032903)			
-106.77	91.22	0.00006	(03121806)	-108.19	
89.80	0.00006	(03042003)			
-109.60	88.39	0.00005	(03051905)	-111.02	
86.97	0.00005	(03022503)			
-113.14	84.85	0.00004	(03021207)	-116.67	
81.32	0.00004	(03111104)			
-120.21	77.78	0.00004	(03121422)	-127.28	
70.71	0.00003	(03010620)			
-134.35	63.64	0.00003	(03012307)	-141.42	
56.57	0.00002	(03022806)			
-148.49	49.50	0.00002	(03011423)	-155.56	
42.43	0.00002	(03092604)			
-162.63	35.36	0.00002	(03011008)	-169.71	
28.28	0.00002	(03012505)			
-21.21	162.63	0.00002	(03100806)	-28.28	
155.56	0.00002	(03051824)			
-35.36	148.49	0.00002	(03010803)	-42.43	
141.42	0.00002	(03090605)			
-49.50	134.35	0.00002	(03051603)	-56.57	
127.28	0.00003	(03112422)			
-63.64	120.21	0.00003	(03111723)	-70.71	
113.14	0.00004	(03012322)			
-74.25	109.60	0.00004	(03102001)	-77.78	
106.07	0.00005	(03112507)			
-79.90	103.94	0.00005	(03090206)	-81.32	
102.53	0.00006	(03091204)			
-82.73	101.12	0.00006	(03112404)	-84.15	
99.70	0.00007	(03032407)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
85.56	-85.56	0.00007	98.29 (03102721)	0.00007	(03010908) -98.29
82.73	-99.70	0.00006	84.15 (03120324)	0.00006	(03030804) -101.12
79.90	-102.53	0.00005	81.32 (03012023)	0.00006	(03010704) -103.94
74.25	-106.07	0.00004	77.78 (03031006)	0.00005	(03010104) -109.60
63.64	-113.14	0.00003	70.71 (03021903)	0.00004	(03010802) -120.21
49.50	-127.28	0.00002	56.57 (03122809)	0.00003	(03011622) -134.35
35.36	-141.42	0.00002	42.43 (03021020)	0.00002	(03032002) -148.49
21.21	-155.56	0.00002	28.28 (03011008)	0.00002	(03011805) -162.63
148.49	-14.14	0.00002	155.56 (03040805)	0.00002	(03122802) -21.21
134.35	-28.28	0.00002	141.42 (03111923)	0.00002	(03081003) -35.36
120.21	-42.43	0.00003	127.28 (03112402)	0.00002	(03021224) -49.50
106.07	-56.57	0.00004	113.14 (03050107)	0.00003	(03121723) -63.64
98.99	-67.18	0.00005	102.53 (03012806)	0.00004	(03081004) -70.71

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
95.46	-72.83	0.00006	96.87 (03042424)	0.00005	(03090206)	-74.25
92.63	-75.66	0.00007	94.05 (03110601)	0.00006	(03021708)	-77.07
78.49	-78.49	0.00007	91.22 (03082104)	0.00007	(03031005)	-91.22
75.66	-92.63	0.00006	77.07 (03010905)	0.00007	(03022722)	-94.05
72.83	-95.46	0.00005	74.25 (03102603)	0.00006	(03042003)	-96.87
67.18	-98.99	0.00004	70.71 (03120421)	0.00005	(03100306)	-102.53
56.57	-106.07	0.00003	63.64 (03091306)	0.00004	(03122703)	-113.14

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
	-120.21	49.50	0.00003	(03102003)	-127.28
42.43		0.00002 (03031606)			
	-134.35	35.36	0.00002	(03112502)	-141.42
28.28		0.00002 (03092204)			
	-148.49	21.21	0.00002	(03120503)	-155.56
14.14		0.00002 (03011805)			
	-7.07	148.49	0.00002	(03040805)	-14.14
141.42		0.00002 (03012108)			
	-21.21	134.35	0.00002	(03050306)	-28.28
127.28		0.00002 (03111908)			
	-35.36	120.21	0.00002	(03030703)	-42.43
113.14		0.00003 (03111207)			
	-49.50	106.07	0.00003	(03031624)	-56.57
98.99		0.00004 (03110408)			
	-60.10	95.46	0.00005	(03041407)	-63.64
91.92		0.00005 (03030501)			
	-65.76	89.80	0.00006	(03012503)	-67.18
88.39		0.00006 (03112404)			
	-68.59	86.97	0.00006	(03032407)	-70.00
85.56		0.00007 (03010908)			
	-71.42	84.15	0.00007	(03121803)	-84.15
71.42		0.00007 (03112805)			
	-85.56	70.00	0.00007	(03102721)	-86.97
68.59		0.00006 (03030804)			
	-88.39	67.18	0.00006	(03120324)	-89.80
65.76		0.00006 (03110604)			
	-91.92	63.64	0.00005	(03101924)	-95.46
60.10		0.00005 (03021207)			
	-98.99	56.57	0.00004	(03031006)	-106.07
49.50		0.00003 (03040801)			
	-113.14	42.43	0.00003	(03110207)	-120.21
35.36		0.00002 (03030607)			
	-127.28	28.28	0.00002	(03112006)	-134.35
21.21		0.00002 (03121608)			
	-141.42	14.14	0.00002	(03010109)	-148.49
7.07		0.00002 (03021804)			
	0.00	141.42	0.00002	(03091105)	-7.07
134.35		0.00002 (03050124)			
	-14.14	127.28	0.00002	(03101606)	-21.21
120.21		0.00002 (03022824)			
	-28.28	113.14	0.00003	(03090705)	-35.36
106.07		0.00003 (03110123)			
	-42.43	98.99	0.00003	(03122806)	-49.50
91.92		0.00004 (03051902)			
	-53.03	88.39	0.00005	(03091005)	-56.57
84.85		0.00005 (03101205)			
	-58.69	82.73	0.00006	(03121207)	-60.10
81.32		0.00006 (03032407)			
	-61.52	79.90	0.00006	(03011721)	-62.93
78.49		0.00007 (03040702)			
	-64.35	77.07	0.00007	(03022707)	-77.07
64.35		0.00007 (03052006)			
	-78.49	62.93	0.00007	(03111608)	-79.90
61.52		0.00006 (03102721)			
	-81.32	60.10	0.00006	(03030804)	-82.73
58.69		0.00006 (03120324)			
	-84.85	56.57	0.00005	(03020724)	-88.39
53.03		0.00005 (03010104)			
	-91.92	49.50	0.00004	(03121623)	-98.99
42.43		0.00003 (03030902)			
	-106.07	35.36	0.00003	(03030503)	-113.14
28.28		0.00003 (03020303)			
	-120.21	21.21	0.00002	(03031606)	-127.28

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

14.14 0.00002 (03112006) 7.07 0.00002 (03021904) -141.42  
 -134.35 (03021704)  
 0.00 0.00002 (03021704)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound

Direction  
 \*\*MODELOPTs:

\*\*\* 14:51:37

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
127.28	7.07	134.35	(03101601)	0.00002	(03012020)	0.00
113.14	-7.07	120.21	(03080907)	0.00002	(03111908)	-14.14
98.99	-21.21	106.07	(03121723)	0.00003	(03080805)	-28.28
84.85	-35.36	91.92	(03022122)	0.00003	(03081924)	-42.43
77.78	-45.96	81.32	(03111006)	0.00005	(03030501)	-49.50
74.25	-51.62	75.66	(03011721)	0.00005	(03032407)	-53.03
71.42	-54.45	72.83	(03050101)	0.00006	(03040702)	-55.86
57.28	-57.28	70.00	(03082106)	0.00006	(03112406)	-70.00
54.45	-71.42	55.86	(03021706)	0.00006	(03101303)	-72.83
51.62	-74.25	53.03	(03040906)	0.00006	(03102721)	-75.66
45.96	-77.78	49.50	(03020904)	0.00005	(03062705)	-81.32
35.36	-84.85	42.43	(03020908)	0.00004	(03021207)	-91.92
21.21	-98.99	28.28	(03010620)	0.00003	(03091306)	-106.07
7.07	-113.14	14.14	(03020302)	0.00002	(03112424)	-120.21
-7.07	-127.28	0.00	(03032002)	0.00002	(03032706)	-134.35
120.21	14.14	127.28	(03051603)	0.00002	(03112601)	7.07
106.07	0.00	113.14	(03090705)	0.00002	(03022824)	-7.07
91.92	-14.14	98.99	(03120707)	0.00003	(03111723)	-21.21
	-28.28	84.85		0.00003	(03051005)	-35.36

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

77.78	0.00004	(03092307)	0.00004	(03121201)	-42.43
-38.89	0.00005	(03041422)	0.00005	(03011721)	-45.96
70.71	0.00005	(03111801)	0.00005	(03022802)	-48.79
-44.55	0.00005	(03010421)	0.00005	(03111102)	-62.93
67.18	0.00005	(03082407)	0.00005	(03020604)	-65.76
-47.38	0.00005	(03012501)	0.00005	(03040705)	-68.59
64.35	0.00005	(03102721)	0.00005	(03040804)	-74.25
-50.20	0.00004	(03010704)	0.00004	(03022503)	-84.85
50.20	0.00003	(03022807)	0.00003	(03121422)	-98.99
-64.35	0.00003	(03030503)	0.00002	(03112603)	-113.14
47.38	0.00002	(03022803)	0.00002	(03122809)	-127.28
-67.18	0.00002	(03032706)	0.00002	(03102501)	14.14
44.55	0.00002	(03021224)	0.00002	(03082503)	0.00
-70.71	0.00002	(03012609)	0.00003	(03102605)	-14.14
38.89	0.00003	(03072002)	0.00003	(03081004)	-28.28
-77.78	0.00004	(03101524)	0.00004	(03112404)	-35.36
28.28	0.00004	(03033006)	0.00004	(03111801)	-38.89
-91.92	0.00005	(03022802)	0.00005	(03102422)	-41.72
14.14	0.00005	(03041702)	0.00005	(03021705)	-55.86
-106.07	0.00005	(03010407)	0.00005	(03111303)	-58.69
0.00	0.00005	(03030404)	0.00005	(03012501)	-61.52
-120.21	0.00004	(03082104)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC URBAN FLAT FLGPOL DFAULT PAGE 110

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

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

Y-COORD (M)	02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED		CONC	(YYMMDDHH)	
31.82	-63.64	35.36	0.00004	(03091106)	-67.18
21.21	-70.71	28.28	0.00004	(03120324)	-77.78
7.07	-84.85	14.14	0.00003	(03030423)	-91.92
-7.07	-98.99	0.00	0.00003	(03121720)	-106.07
-21.21	-113.14	-14.14	0.00002	(03111907)	-120.21
106.07	28.28	113.14	0.00002	(03111604)	21.21
91.92	14.14	98.99	0.00002	(03031606)	7.07
77.78	0.00	84.85	0.00002	(03030303)	-7.07
63.64	-14.14	70.71	0.00003	(03081922)	-21.21
56.57	-24.75	60.10	0.00003	(03111706)	-28.28
53.03	-30.41	54.45	0.00004	(03041422)	-31.82
50.20	-33.23	51.62	0.00004	(03022802)	-34.65
36.06	-36.06	48.79	0.00004	(03112406)	-48.79
33.23	-50.20	34.65	0.00004	(03010323)	-51.62
30.41	-53.03	31.82	0.00004	(03121424)	-54.45
24.75	-56.57	28.28	0.00004	(03052006)	-60.10
14.14	-63.64	21.21	0.00004	(03112805)	-70.71
0.00	-77.78	7.07	0.00003	(03040804)	-84.85
-14.14	-91.92	-7.07	0.00003	(03091104)	-98.99
-28.28	-106.07	-21.21	0.00002	(03010620)	-113.14
98.99	35.36	106.07	0.00002	(03031606)	28.28
84.85	21.21	91.92	0.00002	(03030703)	14.14
70.71	7.07	77.78	0.00002	(03020304)	0.00
56.57	-7.07	63.64	0.00002	(03032403)	-14.14
49.50	-17.68	53.03	0.00003	(03110509)	-21.21
45.96	-23.33	47.38	0.00003	(03012806)	-24.75
43.13	-26.16	44.55	0.00004	(03032408)	-27.58
28.99	-28.99	41.72	0.00004	(03012806)	-41.72
26.16	-43.13	27.58	0.00004	(03110601)	-44.55
23.33	-45.96	24.75	0.00004	(03040702)	-47.38
			0.00004	(03050101)	
			0.00004	(03092108)	
			0.00004	(03021705)	
			0.00004	(03111905)	
			0.00004	(03111309)	
			0.00004	(03010407)	
			0.00004	(03082407)	
			0.00004	(03011523)	
			0.00004	(03101303)	

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
17.68	-49.50	21.21	0.00003	(03032907)	-53.03
7.07	-56.57	14.14	0.00003	(03120324)	-63.64
-7.07	-70.71	0.00	0.00003	(03121623)	-77.78
-21.21	-84.85	-14.14	0.00002	(03111605)	-91.92
-35.36	-98.99	-28.28	0.00002	(03102003)	-106.07
91.92	42.43	98.99	0.00002	(03090705)	35.36
77.78	28.28	84.85	0.00002	(03121723)	21.21
63.64	14.14	70.71	0.00002	(03030903)	7.07
49.50	0.00	56.57	0.00003	(03101524)	-7.07
42.43	-10.61	45.96	0.00003	(03011721)	-14.14

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
38.89	-16.26	40.31	0.00003	(03102422)	-17.68
36.06	-19.09	37.48	0.00003	(03041104)	-20.51
21.92	-21.92	34.65	0.00003	(03111721)	-34.65
19.09	-36.06	20.51	0.00003	(03110507)	-37.48
16.26	-38.89	17.68	0.00003	(03111303)	-40.31
10.61	-42.43	14.14	0.00003	(03010907)	-45.96
0.00	-49.50	7.07	0.00003	(03040804)	-56.57
-14.14	-63.64	-7.07	0.00002	(03021207)	-70.71
-28.28	-77.78	-21.21	0.00002	(03110323)	-84.85
-42.43	-91.92	-35.36	0.00002	(03110207)	-98.99
			0.00002	(03112603)	

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW_BOUND_CORRECTED					
84.85	49.50	91.92	0.00002	(03112303)	42.43
	0.00002	(03101404)			
70.71	35.36	77.78	0.00002	(03102423)	28.28
	0.00002	(03041701)			
56.57	21.21	63.64	0.00002	(03111106)	14.14
	0.00002	(03051903)			
42.43	7.07	49.50	0.00002	(03121201)	0.00
	0.00003	(03110601)			
35.36	-3.54	38.89	0.00003	(03031005)	-7.07
	0.00003	(03050101)			
31.82	-9.19	33.23	0.00003	(03112406)	-10.61
	0.00003	(03031024)			
28.99	-12.02	30.41	0.00003	(03021705)	-13.44
	0.00003	(03010323)			
14.85	-14.85	27.58	0.00003	(03030407)	-27.58
	0.00003	(03030505)			
12.02	-28.99	13.44	0.00003	(03030704)	-30.41
	0.00003	(03010407)			
9.19	-31.82	10.61	0.00003	(03082407)	-33.23
	0.00003	(03082106)			
3.54	-35.36	7.07	0.00003	(03101303)	-38.89
	0.00003	(03082104)			
-7.07	-42.43	0.00	0.00003	(03022722)	-49.50
	0.00002	(03010704)			
-21.21	-56.57	-14.14	0.00002	(03111024)	-63.64
	0.00002	(03112403)			
-35.36	-70.71	-28.28	0.00002	(03112804)	-77.78
	0.00002	(03040801)			
-49.50	-84.85	-42.43	0.00002	(03010204)	-91.92
	0.00002	(03010620)			
77.78	56.57	84.85	0.00002	(03111723)	49.50
	0.00002	(03102605)			
63.64	42.43	70.71	0.00002	(03122806)	35.36
	0.00002	(03121518)			
49.50	28.28	56.57	0.00002	(03011623)	21.21
	0.00002	(03080804)			
35.36	14.14	42.43	0.00002	(03042424)	7.07
	0.00002	(03102708)			
28.28	3.54	31.82	0.00002	(03011604)	0.00
	0.00003	(03102422)			
24.75	-2.12	26.16	0.00003	(03041702)	-3.54
	0.00003	(03021723)			
21.92	-4.95	23.33	0.00003	(03072606)	-6.36
	0.00003	(03111905)			
7.78	-7.78	20.51	0.00003	(03122003)	-20.51
	0.00003	(03092107)			
4.95	-21.92	6.36	0.00003	(03111309)	-23.33
	0.00003	(03110507)			
2.12	-24.75	3.54	0.00003	(03020402)	-26.16
	0.00003	(03111303)			
-3.54	-28.28	0.00	0.00002	(03030404)	-31.82
	0.00002	(03111608)			
-14.14	-35.36	-7.07	0.00002	(03032903)	-42.43
	0.00002	(03062705)			
-28.28	-49.50	-21.21	0.00002	(03030904)	-56.57
	0.00002	(03110524)			
-42.43	-63.64	-35.36	0.00002	(03092208)	-70.71
	0.00002	(03030902)			
-56.57	-77.78	-49.50	0.00002	(03102407)	-84.85
	0.00002	(03030503)			

Di recti on  
 \*\*MODELOPTs:

\*\*\*  
 14: 51: 37

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
70.71	63.64	77.78	(03102423)	0.00001	(03110108)	56.57
56.57	49.50	63.64	(03110408)	0.00002	(03033005)	42.43
42.43	35.36	49.50	(03122704)	0.00002	(03030824)	28.28
28.28	21.21	35.36	(03011307)	0.00002	(03022123)	14.14
21.21	10.61	24.75	(03012324)	0.00002	(03022802)	7.07
17.68	4.95	19.09	(03021705)	0.00002	(03111102)	3.54
14.85	2.12	16.26	(03111721)	0.00002	(03010323)	0.71
0.71	-0.71	13.44	(03030107)	0.00002	(03092608)	-13.44
-2.12	-14.85	-0.71	(03010619)	0.00002	(03062524)	-16.26
-4.95	-17.68	-3.54	(03082407)	0.00002	(03010407)	-19.09
-10.61	-21.21	-7.07	(03010907)	0.00002	(03040707)	-24.75
-21.21	-28.28	-14.14	(03022723)	0.00002	(03082104)	-35.36
-35.36	-42.43	-28.28	(03122504)	0.00002	(03020109)	-49.50
-49.50	-56.57	-42.43	(03020908)	0.00002	(03031006)	-63.64
-63.64	-70.71	-56.57	(03032324)	0.00002	(03091104)	-77.78
63.64	70.71	70.71	(03011621)	0.00001	(03090506)	63.64
49.50	56.57	56.57	(03081004)	0.00002	(03081921)	49.50
35.36	42.43	42.43	(03022209)	0.00002	(03011705)	35.36
21.21	28.28	28.28	(03111801)	0.00002	(03041422)	21.21
14.14	17.68	17.68	(03041702)	0.00002	(03050101)	14.14
10.61	12.02	12.02	(03012904)	0.00002	(03021723)	10.61
	9.19	9.19		0.00002	(03111905)	7.78

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

7.78	0.00002	(03010823)			
6.36	0.00002	(03110522)	6.36	0.00002	(03110522)
-6.36	0.00002	(03022606)			-6.36
-7.78	0.00002	(03122505)	-7.78	0.00002	(03122505)
-9.19	0.00002	(03110103)			-9.19
-10.61	0.00002	(03110507)	-10.61	0.00002	(03110507)
-12.02	0.00002	(03020402)			-12.02
-14.14	0.00002	(03111303)	-14.14	0.00002	(03111303)
-17.68	0.00002	(03101303)			-17.68
-21.21	0.00002	(03102623)	-21.21	0.00002	(03102623)
-28.28	0.00002	(03040804)			-28.28
-35.36	0.00002	(03020724)	-35.36	0.00002	(03020724)
-42.43	0.00002	(03111024)			-42.43
-49.50	0.00002	(03030423)	-49.50	0.00002	(03030423)
-56.57	0.00002	(03121523)			-56.57
-63.64	0.00001	(03121804)	-63.64	0.00001	(03121804)
-70.71	0.00001	(03091301)			-70.71
77.78	0.00001	(03081922)	63.64	0.00001	(03081922)
56.57	0.00001	(03033005)			56.57
63.64	0.00001	(03110408)	49.50	0.00001	(03110408)
42.43	0.00002	(03041407)			42.43
49.50	0.00002	(03030109)	35.36	0.00002	(03030109)
28.28	0.00002	(03012503)			28.28
35.36	0.00002	(03032407)	21.21	0.00002	(03032407)
14.14	0.00002	(03011604)			14.14
24.75	0.00002	(03043004)	10.61	0.00002	(03043004)
7.07	0.00002	(03030805)			7.07
19.09	0.00002	(03021705)	4.95	0.00002	(03021705)
3.54	0.00002	(03010323)			3.54
16.26	0.00002	(03111905)	2.12	0.00002	(03111905)
0.71	0.00002	(03110204)			0.71
13.44	0.00002	(03110522)	-0.71	0.00002	(03110522)
-13.44	0.00002	(03022606)			-13.44
-0.71	0.00002	(03092107)	-14.85	0.00002	(03092107)
-16.26	0.00002	(03062524)			-16.26
-3.54	0.00002	(03010619)	-17.68	0.00002	(03010619)
-19.09	0.00002	(03010407)			-19.09

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-7.07	-21.21	0.00002	(03082407)	-10.61
-24.75	(03052006)	0.00002		
-14.14	-28.28	0.00002	(03111608)	-21.21

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-35.36	0.00002	(03031607)			
-28.28	-42.43		0.00002	(03042003)	-35.36
-49.50	0.00002	(03030904)			
-42.43	-56.57		0.00002	(03021207)	-49.50
-63.64	0.00001	(03031006)			
-56.57	-70.71		0.00001	(03010501)	-63.64
-77.78	0.00001	(03091104)			
84.85	56.57		0.00001	(03071906)	77.78
49.50	0.00001	(03030903)			
70.71	42.43		0.00001	(03011704)	63.64
35.36	0.00001	(03091005)			
56.57	28.28		0.00002	(03090206)	49.50
21.21	0.00002	(03101703)			
42.43	14.14		0.00002	(03102707)	35.36
7.07	0.00002	(03022802)			
31.82	3.54		0.00002	(03010421)	28.28
0.00	0.00002	(03111102)			
26.16	-2.12		0.00002	(03072606)	24.75
-3.54	0.00002	(03010323)			
23.33	-4.95		0.00002	(03111721)	21.92
-6.36	0.00002	(03092608)			
20.51	-7.78		0.00002	(03091905)	7.78
-20.51	0.00002	(03011710)			
6.36	-21.92		0.00002	(03040903)	4.95
-23.33	0.00002	(03062524)			
3.54	-24.75		0.00002	(03110103)	2.12
-26.16	0.00002	(03110507)			
0.00	-28.28		0.00002	(03082407)	-3.54
-31.82	0.00002	(03020604)			
-7.07	-35.36		0.00002	(03010907)	-14.14
-42.43	0.00002	(03091106)			
-21.21	-49.50		0.00002	(03062705)	-28.28
-56.57	0.00002	(03012023)			
-35.36	-63.64		0.00001	(03010104)	-42.43
-70.71	0.00001	(03030705)			
-49.50	-77.78		0.00001	(03121523)	-56.57
-84.85	0.00001	(03101705)			
91.92	49.50		0.00001	(03033005)	84.85
42.43	0.00001	(03122507)			
77.78	35.36		0.00001	(03030524)	70.71
28.28	0.00001	(03092307)			
63.64	21.21		0.00001	(03101205)	56.57
14.14	0.00001	(03022702)			
49.50	7.07		0.00002	(03020822)	42.43
0.00	0.00002	(03050101)			
38.89	-3.54		0.00002	(03112406)	35.36
-7.07	0.00002	(03021723)			
33.23	-9.19		0.00002	(03010323)	31.82
-10.61	0.00002	(03111905)			
30.41	-12.02		0.00002	(03030407)	28.99
-13.44	0.00002	(03092608)			
27.58	-14.85		0.00002	(03051003)	14.85
-27.58	0.00002	(03011710)			
13.44	-28.99		0.00002	(03030107)	12.02
-30.41	0.00002	(03030505)			
10.61	-31.82		0.00002	(03111309)	9.19
-33.23	0.00002	(03111108)			
7.07	-35.36		0.00002	(03020402)	3.54
-38.89	0.00002	(03040707)			
0.00	-42.43		0.00002	(03101303)	-7.07
-49.50	0.00002	(03102721)			
-14.14	-56.57		0.00001	(03033003)	-21.21
-63.64	0.00001	(03020724)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
-77.78	-28.28	0.00001	(03110524)	0.00001	(03111024)	-35.36
-91.92	-42.43	0.00001	(03010501)	0.00001	(03012824)	-49.50
35.36	98.99	0.00001	(03032408)	0.00001	(03081921)	91.92
21.21	84.85	0.00001	(03030109)	0.00001	(03112705)	77.78
7.07	70.71	0.00001	(03041422)	0.00001	(03082506)	63.64
-7.07	56.57	0.00001	(03051823)	0.00001	(03010908)	49.50
-14.14	45.96	0.00001	(03021705)	0.00001	(03041702)	42.43

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3						
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-17.68	40.31	0.00001	(03111905)	0.00001	(03010323)	38.89
-20.51	37.48	0.00001	(03110522)	0.00001	(03110204)	36.06
-34.65	34.65	0.00001	(03121506)	0.00001	(03020907)	21.92
-37.48	20.51	0.00001	(03092107)	0.00001	(03022606)	19.09
-40.31	17.68	0.00001	(03010619)	0.00001	(03062524)	16.26
-45.96	14.14	0.00001	(03082106)	0.00001	(03010407)	10.61
-56.57	7.07	0.00001	(03082104)	0.00001	(03101303)	0.00
-70.71	-7.07	0.00001	(03110604)	0.00001	(03040804)	-14.14
-84.85	-21.21	0.00001	(03122504)	0.00001	(03030904)	-28.28
-98.99	-35.36	0.00001	(03121523)	0.00001	(03121623)	-42.43
28.28	106.07	0.00001	(03081004)	0.00001	(03051005)	98.99
14.14	91.92	0.00001	(03090206)	0.00001	(03112507)	84.85
0.00	77.78	0.00001	(03032407)	0.00001	(03042424)	70.71

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

63.64	-7.07	0.00001	(03121121)	56.57
-14.14	53.03	0.00001	(03043004)	49.50
-21.21	47.38	0.00001	(03012904)	45.96
-24.75	44.55	0.00001	(03111721)	43.13
-27.58	41.72	0.00001	(03102421)	28.99
-41.72	27.58	0.00001	(03121506)	26.16
-44.55	24.75	0.00001	(03040903)	23.33
-47.38	21.21	0.00001	(03110103)	17.68
-53.03	14.14	0.00001	(03111303)	7.07
-63.64	0.00	0.00001	(03082104)	-7.07
-77.78	-14.14	0.00001	(03042003)	-21.21
-91.92	-28.28	0.00001	(03010104)	-35.36
-106.07	113.14	0.00001	(03012824)	106.07
21.21	98.99	0.00001	(03041407)	91.92
7.07	84.85	0.00001	(03123109)	77.78
-7.07	70.71	0.00001	(03110601)	63.64
-21.21	60.10	0.00001	(03012324)	56.57
-28.28	54.45	0.00001	(03072606)	53.03
-31.82	51.62	0.00001	(03010823)	50.20
-34.65	48.79	0.00001	(03091905)	36.06
-48.79	34.65	0.00001	(03051606)	33.23
-51.62	31.82	0.00001	(03030107)	30.41
-54.45	28.28	0.00001	(03111309)	24.75
-60.10	21.21	0.00001	(03082407)	14.14
-70.71	7.07	0.00001	(03021706)	0.00
-84.85	-7.07	0.00001	(03120324)	-14.14
-98.99	-21.21	0.00001	(03022503)	-28.28
-113.14		0.00001	(03112403)	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

CONC

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 URBAN FLAT FLGPOL DFAULT

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
14.14	120.21	0.00001	(03081004)	113.14
0.00	106.07	0.00001	(03030824)	98.99
-14.14	91.92	0.00001	(03030109)	84.85
-28.28	77.78	0.00001	(03020823)	70.71
-35.36	67.18	0.00001	(03040304)	63.64
-38.89	61.52	0.00001	(03041104)	60.10
-41.72	58.69	0.00001	(03110204)	57.28
-55.86	55.86	0.00001	(03110522)	43.13
-58.69	41.72	0.00001	(03010909)	40.31
-61.52	38.89	0.00001	(03011710)	37.48
-67.18	35.36	0.00001	(03030107)	31.82
-77.78	28.28	0.00001	(03092107)	21.21
-91.92	14.14	0.00001	(03062524)	7.07
-106.07	0.00	0.00001	(03010619)	-7.07
-120.21	-14.14	0.00001	(03040707)	-21.21
7.07	127.28	0.00001	(03010104)	120.21
-7.07	113.14	0.00001	(03022308)	106.07
-21.21	98.99	0.00001	(03011623)	91.92
-35.36	84.85	0.00001	(03122704)	77.78
-42.43	74.25	0.00001	(03021703)	70.71
-45.96	68.59	0.00001	(03022802)	67.18
-48.79	65.76	0.00001	(03112406)	64.35
-62.93	62.93	0.00001	(03051003)	50.20
-65.76	48.79	0.00001	(03020824)	47.38
	45.96	0.00001	(03121805)	44.55
		0.00001	(03051003)	
		0.00001	(03022606)	
		0.00001	(03040903)	

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-68.59	0.00001	(03062524)			
42.43	-70.71		0.00001	(03030704)	38.89
-74.25	0.00001	(03020402)			
35.36	-77.78		0.00001	(03111303)	28.28
-84.85	0.00001	(03010907)			
21.21	-91.92		0.00001	(03102721)	14.14
-98.99	0.00001	(03092605)			
7.07	-106.07		0.00001	(03042003)	0.00
-113.14	0.00001	(03012023)			
-7.07	-120.21		0.00001	(03111024)	-14.14
-127.28	0.00001	(03021207)			
134.35	7.07		0.00001	(03112705)	127.28
0.00	0.00001	(03092307)			
120.21	-7.07		0.00001	(03091204)	113.14
-14.14	0.00001	(03042424)			
106.07	-21.21		0.00001	(03032407)	98.99
-28.28	0.00001	(03010908)			
91.92	-35.36		0.00001	(03022802)	84.85
-42.43	0.00001	(03030805)			
81.32	-45.96		0.00001	(03021705)	77.78
-49.50	0.00001	(03111905)			
75.66	-51.62		0.00001	(03030407)	74.25
-53.03	0.00001	(03092608)			
72.83	-54.45		0.00001	(03102421)	71.42
-55.86	0.00001	(03020907)			
70.00	-57.28		0.00001	(03020824)	57.28
-70.00	0.00001	(03121805)			
55.86	-71.42		0.00001	(03121506)	54.45
-72.83	0.00001	(03022606)			
53.03	-74.25		0.00001	(03040903)	51.62
-75.66	0.00001	(03030505)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC PAGE 116  
 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
-81.32	49.50	-77.78	0.00001	(03111309)	45.96
-91.92	42.43	-84.85	0.00001	(03111303)	35.36
-106.07	28.28	-98.99	0.00001	(03082104)	21.21
-120.21	14.14	-113.14	0.00001	(03062705)	7.07
	0.00	-127.28	0.00001	(03100306)	-7.07

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-134.35	0.00001	(03122504)			
141.42	0.00		0.00001	(03091005)	134.35
-7.07	0.00001	(03030109)			
127.28	-14.14		0.00001	(03022209)	120.21
-21.21	0.00001	(03112404)			
113.14	-28.28		0.00001	(03032407)	106.07
-35.36	0.00001	(03121121)			
98.99	-42.43		0.00001	(03050101)	91.92
-49.50	0.00001	(03031024)			
88.39	-53.03		0.00001	(03012904)	84.85
-56.57	0.00001	(03111905)			
82.73	-58.69		0.00001	(03110204)	81.32
-60.10	0.00001	(03092608)			
79.90	-61.52		0.00001	(03102421)	78.49
-62.93	0.00001	(03020907)			
77.07	-64.35		0.00001	(03020824)	64.35
-77.07	0.00001	(03121805)			
62.93	-78.49		0.00001	(03121506)	61.52
-79.90	0.00001	(03022606)			
60.10	-81.32		0.00001	(03030107)	58.69
-82.73	0.00001	(03092107)			
56.57	-84.85		0.00001	(03111309)	53.03
-88.39	0.00001	(03010407)			
49.50	-91.92		0.00001	(03082407)	42.43
-98.99	0.00001	(03101303)			
35.36	-106.07		0.00001	(03082104)	28.28
-113.14	0.00001	(03033106)			
21.21	-120.21		0.00001	(03120324)	14.14
-127.28	0.00001	(03020724)			
7.07	-134.35		0.00001	(03020904)	0.00
-141.42	0.00001	(03010104)			
148.49	-7.07		0.00001	(03011705)	141.42
-14.14	0.00001	(03090206)			
134.35	-21.21		0.00001	(03012503)	127.28
-28.28	0.00001	(03020823)			
120.21	-35.36		0.00001	(03110601)	113.14
-42.43	0.00001	(03111801)			
106.07	-49.50		0.00001	(03022707)	98.99
-56.57	0.00001	(03111102)			
95.46	-60.10		0.00001	(03072606)	91.92
-63.64	0.00001	(03111721)			
89.80	-65.76		0.00001	(03122003)	88.39
-67.18	0.00001	(03110522)			
86.97	-68.59		0.00001	(03091905)	85.56
-70.00	0.00001	(03010909)			
84.15	-71.42		0.00001	(03010403)	71.42
-84.15	0.00001	(03030106)			
70.00	-85.56		0.00001	(03121506)	68.59
-86.97	0.00001	(03011710)			
67.18	-88.39		0.00001	(03030107)	65.76
-89.80	0.00001	(03092107)			
63.64	-91.92		0.00001	(03062524)	60.10
-95.46	0.00001	(03110507)			
56.57	-98.99		0.00001	(03082407)	49.50
-106.07	0.00001	(03052006)			
42.43	-113.14		0.00001	(03040705)	35.36
-120.21	0.00001	(03091106)			
28.28	-127.28		0.00001	(03010905)	21.21
-134.35	0.00001	(03110604)			
14.14	-141.42		0.00001	(03012103)	7.07
-148.49	0.00001	(03111024)			
155.56	-14.14		0.00001	(03092307)	148.49
-21.21	0.00001	(03101524)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-35.36	141.42	0.00001	-28.28	0.00001	134.35
			(03021703)	(03042424)	
-49.50	127.28	0.00001	-42.43	0.00001	120.21
			(03040702)	(03102621)	
-63.64	113.14	0.00001	-56.57	0.00001	106.07
			(03041104)	(03043004)	
-70.71	102.53	0.00001	-67.18	0.00001	98.99
			(03111721)	(03010323)	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3						
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-74.25	96.87	0.00001	-72.83	0.00001	(03092608)	95.46
			(03110522)			
-77.07	94.05	0.00001	-75.66	0.00001	(03122121)	92.63
			(03010909)			
-91.22	91.22	0.00001	-78.49	0.00001	(03010403)	78.49
			(03010720)			
-94.05	77.07	0.00001	-92.63	0.00001	(03051606)	75.66
			(03011710)			
-96.87	74.25	0.00001	-95.46	0.00001	(03022606)	72.83
			(03040903)			
-102.53	70.71	0.00001	-98.99	0.00001	(03062524)	67.18
			(03111108)			
-113.14	63.64	0.00001	-106.07	0.00001	(03020402)	56.57
			(03030404)			
-127.28	49.50	0.00001	-120.21	0.00001	(03111608)	42.43
			(03102721)			
-141.42	35.36	0.00001	-134.35	0.00001	(03092605)	28.28
			(03042003)			
-155.56	21.21	0.00001	-148.49	0.00001	(03051905)	14.14
			(03100306)			
-28.28	162.63	0.00001	-21.21	0.00001	(03030109)	155.56
			(03101205)			
-42.43	148.49	0.00001	-35.36	0.00001	(03111006)	141.42
			(03041422)			
-56.57	134.35	0.00001	-49.50	0.00001	(03011721)	127.28
			(03040304)			
-70.71	120.21	0.00001	-63.64	0.00001	(03010421)	113.14
			(03021723)			
-77.78	109.60	0.00001	-74.25	0.00001	(03010323)	106.07
			(03030407)			
-81.32	103.94	0.00001	-79.90	0.00001	(03092608)	102.53
			(03110522)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

101.12	-82.73	0.00001	(03051003)	99.70
-84.15	0.00001	(03020824)		
98.29	-85.56	0.00001	(03010403)	85.56
-98.29	0.00001	(03010720)		
84.15	-99.70	0.00001	(03121805)	82.73
-101.12	0.00001	(03121506)		
81.32	-102.53	0.00001	(03022606)	79.90
-103.94	0.00001	(03030107)		
77.78	-106.07	0.00001	(03030505)	74.25
-109.60	0.00001	(03010619)		
70.71	-113.14	0.00001	(03020402)	63.64
-120.21	0.00001	(03020323)		
56.57	-127.28	0.00001	(03121222)	49.50
-134.35	0.00001	(03102721)		
42.43	-141.42	0.00001	(03030602)	35.36
-148.49	0.00001	(03062705)		
28.28	-155.56	0.00001	(03020724)	21.21
-162.63	0.00001	(03030904)		
169.71	-28.28	0.00001	(03090206)	162.63
-35.36	0.00001	(03082506)		
155.56	-42.43	0.00001	(03022123)	148.49
-49.50	0.00001	(03032407)		
141.42	-56.57	0.00001	(03010908)	134.35
-63.64	0.00001	(03022802)		
127.28	-70.71	0.00001	(03012324)	120.21
-77.78	0.00001	(03021705)		
116.67	-81.32	0.00001	(03010323)	113.14
-84.85	0.00001	(03030407)		
111.02	-86.97	0.00001	(03092608)	109.60
-88.39	0.00001	(03091905)		
108.19	-89.80	0.00001	(03020907)	106.77
-91.22	0.00001	(03020824)		
105.36	-92.63	0.00001	(03120804)	92.63
-105.36	0.00001	(03010720)		
91.22	-106.77	0.00001	(03030106)	89.80
-108.19	0.00001	(03121506)		
88.39	-109.60	0.00001	(03011710)	86.97
-111.02	0.00001	(03030107)		
84.85	-113.14	0.00001	(03030505)	81.32
-116.67	0.00001	(03030704)		
77.78	-120.21	0.00001	(03010407)	70.71
-127.28	0.00001	(03011523)		
63.64	-134.35	0.00001	(03112805)	56.57
-141.42	0.00001	(03102721)		
49.50	-148.49	0.00001	(03010502)	42.43
-155.56	0.00001	(03022723)		
35.36	-162.63	0.00001	(03010704)	28.28
-169.71	0.00001	(03012103)		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

CONC URBAN FLAT FLGPOL DFAULT

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VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-42.43	176.78	-35.36	(03012503)	0.00001	(03101524)	169.71
-56.57	162.63	-49.50	(03110601)	0.00001	(03020823)	155.56
-70.71	148.49	-63.64	(03022802)	0.00001	(03011307)	141.42
-84.85	134.35	-77.78	(03021705)	0.00001	(03112406)	127.28
-91.92	123.74	-88.39	(03010823)	0.00001	(03111905)	120.21
-95.46	118.09	-94.05	(03122121)	0.00001	(03110522)	116.67
-98.29	115.26	-96.87	(03020824)	0.00001	(03010909)	113.84
-112.43	112.43	-99.70	(03010720)	0.00001	(03111903)	99.70
-115.26	98.29	-113.84	(03121506)	0.00001	(03030106)	96.87
-118.09	95.46	-116.67	(03030107)	0.00001	(03011710)	94.05
-123.74	91.92	-120.21	(03110103)	0.00001	(03122505)	88.39
-134.35	84.85	-127.28	(03040707)	0.00001	(03010407)	77.78
-148.49	70.71	-141.42	(03082104)	0.00001	(03012501)	63.64
-162.63	56.57	-155.56	(03010905)	0.00001	(03022722)	49.50
-176.78	42.43	-169.71	(03051905)	0.00001	(03042003)	35.36
-49.50	183.85	-42.43	(03042424)	0.00001	(03101205)	176.78
-63.64	169.71	-56.57	(03102707)	0.00001	(03021703)	162.63
-77.78	155.56	-70.71	(03050101)	0.00001	(03031005)	148.49
-91.92	141.42	-84.85	(03012904)	0.00001	(03112406)	134.35
-98.99	130.81	-95.46	(03122003)	0.00001	(03111905)	127.28
-102.53	125.16	-101.12	(03051003)	0.00001	(03110522)	123.74
-105.36	122.33	-103.94	(03010403)	0.00001	(03010909)	120.92
-119.50	119.50	-106.77	(03010720)	0.00001	(03111903)	106.77
-122.33	105.36	-120.92	(03051606)	0.00001	(03022601)	103.94
-125.16	102.53	-123.74	(03022606)	0.00001	(03011710)	101.12
-130.81	98.99	-127.28	(03111309)	0.00001	(03092107)	95.46
-141.42	91.92	-134.35	(03082106)	0.00001	(03010407)	84.85
	77.78	-148.49		0.00001	(03101303)	70.71

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-155.56	63.64	0.00001	(03082104)	0.00001	(03091106)	56.57
-169.71	49.50	0.00001	(03092605)	0.00001	(03042003)	42.43
-183.85	190.92	0.00001	(03020724)	0.00001	(03121201)	183.85
-56.57	176.78	0.00001	(03101703)	0.00001	(03041422)	169.71
-70.71	162.63	0.00001	(03102708)	0.00001	(03111801)	155.56
-84.85	148.49	0.00001	(03050101)	0.00001	(03041702)	141.42
-98.99	137.89	0.00001	(03072606)	0.00001	(03111905)	134.35
-106.07	132.23	0.00001	(03092608)	0.00001	(03102421)	130.81
-109.60	129.40	0.00001	(03051003)	0.00001	(03020824)	127.99
-112.43	126.57	0.00001	(03010403)	0.00001	(03011702)	113.84
-126.57	112.43	0.00001	(03010720)	0.00001	(03022601)	111.02
-129.40	109.60	0.00001	(03051606)	0.00001	(03121506)	108.19
-132.23		0.00001	(03022606)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTS:

CONC PAGE 119  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

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

X-COORD (M)		Y-COORD (M)		CONC	(YMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YMMDDHH)			
-137.89	106.07	-134.35	0.00001	(03040903)	102.53	
-148.49	98.99	-141.42	0.00001	(03110507)	91.92	
-162.63	84.85	-155.56	0.00001	(03101303)	77.78	
-176.78	70.71	-169.71	0.00001	(03032903)	63.64	
-190.92	56.57	-183.85	0.00001	(03062705)	49.50	
-63.64	197.99	-56.57	0.00001	(03012503)	190.92	
-77.78	183.85	-70.71	0.00001	(03032407)	176.78	
	169.71	-84.85	0.00001	(03040702)	162.63	

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-91.92	0.00001	(03051823)			
155.56	-98.99		0.00001	(03030805)	148.49
-106.07	0.00001	(03010323)			
144.96	-109.60		0.00001	(03111905)	141.42
-113.14	0.00001	(03092608)			
139.30	-115.26		0.00001	(03091905)	137.89
-116.67	0.00001	(03020907)			
136.47	-118.09		0.00001	(03020824)	135.06
-119.50	0.00001	(03010403)			
133.64	-120.92		0.00001	(03011702)	120.92
-133.64	0.00001	(03010720)			
119.50	-135.06		0.00001	(03010720)	118.09
-136.47	0.00001	(03121805)			
116.67	-137.89		0.00001	(03121506)	115.26
-139.30	0.00001	(03011710)			
113.14	-141.42		0.00001	(03030107)	109.60
-144.96	0.00001	(03062524)			
106.07	-148.49		0.00001	(03110507)	98.99
-155.56	0.00001	(03111303)			
91.92	-162.63		0.00001	(03052006)	84.85
-169.71	0.00001	(03111608)			
77.78	-176.78		0.00001	(03102721)	70.71
-183.85	0.00001	(03030804)			
63.64	-190.92		0.00001	(03120324)	56.57
-197.99	0.00001	(03110604)			
205.06	-63.64		0.00001	(03042424)	197.99
-70.71	0.00001	(03020823)			
190.92	-77.78		0.00001	(03032407)	183.85
-84.85	0.00001	(03010908)			
176.78	-91.92		0.00001	(03040304)	169.71
-98.99	0.00001	(03043004)			
162.63	-106.07		0.00001	(03031024)	155.56
-113.14	0.00001	(03010323)			
152.03	-116.67		0.00001	(03111721)	148.49
-120.21	0.00001	(03092608)			
146.37	-122.33		0.00001	(03122121)	144.96
-123.74	0.00001	(03020907)			
143.54	-125.16		0.00001	(03020824)	142.13
-126.57	0.00001	(03010403)			
140.71	-127.99		0.00001	(03011702)	127.99
-140.71	0.00001	(03010720)			
126.57	-142.13		0.00001	(03010720)	125.16
-143.54	0.00001	(03121805)			
123.74	-144.96		0.00001	(03121506)	122.33
-146.37	0.00001	(03011710)			
120.21	-148.49		0.00001	(03030107)	116.67
-152.03	0.00001	(03062524)			
113.14	-155.56		0.00001	(03010619)	106.07
-162.63	0.00001	(03082407)			
98.99	-169.71		0.00001	(03052006)	91.92
-176.78	0.00001	(03121222)			
84.85	-183.85		0.00001	(03102721)	77.78
-190.92	0.00001	(03033106)			
70.71	-197.99		0.00001	(03010905)	63.64
-205.06	0.00001	(03042003)			
212.13	-70.71		0.00001	(03042424)	205.06
-77.78	0.00001	(03021708)			
197.99	-84.85		0.00001	(03110601)	190.92
-91.92	0.00001	(03011307)			
183.85	-98.99		0.00001	(03121803)	176.78
-106.07	0.00001	(03102422)			
169.71	-113.14		0.00001	(03073102)	162.63
-120.21	0.00001	(03010323)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED 155.56  
 159.10 -123.74 0.00001 (03111721)  
 -127.28 0.00001 (03110522)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-130.81	153.44	-129.40	(03010909)	0.00001	(03122121)	152.03
-133.64	150.61	-132.23	(03120804)	0.00001	(03020824)	149.20
-147.79	147.79	-135.06	(03030406)	0.00001	(03021206)	135.06
-150.61	133.64	-149.20	(03030106)	0.00001	(03010720)	132.23
-153.44	130.81	-152.03	(03011710)	0.00001	(03051606)	129.40
-159.10	127.28	-155.56	(03062524)	0.00001	(03030107)	123.74
-169.71	120.21	-162.63	(03082407)	0.00001	(03030704)	113.14
-183.85	106.07	-176.78	(03112805)	0.00001	(03020323)	98.99
-197.99	91.92	-190.92	(03022722)	0.00001	(03082104)	84.85
-212.13	77.78	-205.06	(03062705)	0.00001	(03121806)	70.71
-84.85	219.20	-77.78	(03041422)	0.00001	(03101703)	212.13
-98.99	205.06	-91.92	(03121121)	0.00001	(03102707)	197.99
-113.14	190.92	-106.07	(03010421)	0.00001	(03022802)	183.85
-127.28	176.78	-120.21	(03010323)	0.00001	(03041104)	169.71
-134.35	166.17	-130.81	(03110522)	0.00001	(03030407)	162.63
-137.89	160.51	-136.47	(03010909)	0.00001	(03051003)	159.10
-140.71	157.68	-139.30	(03120804)	0.00001	(03020824)	156.27
-154.86	154.86	-142.13	(03030406)	0.00001	(03021206)	142.13
-157.68	140.71	-156.27	(03030106)	0.00001	(03010720)	139.30

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-160.51	137.89	-159.10	0.00001	(03051606)	136.47
		(03011710)			
-166.17	134.35	-162.63	0.00001	(03022606)	130.81
		(03030505)			
-176.78	127.28	-169.71	0.00001	(03030704)	120.21
		(03121424)			
-190.92	113.14	-183.85	0.00001	(03020604)	106.07
		(03010907)			
-205.06	98.99	-197.99	0.00001	(03082104)	91.92
		(03091106)			
-219.20	84.85	-212.13	0.00001	(03040804)	77.78
		(03062705)			
-91.92	226.27	-84.85	0.00000	(03121207)	219.20
		(03032407)			
-106.07	212.13	-98.99	0.00000	(03102708)	205.06
		(03111801)			
-120.21	197.99	-113.14	0.00001	(03022802)	190.92
		(03012324)			
-134.35	183.85	-127.28	0.00001	(03041104)	176.78
		(03111905)			
-141.42	173.24	-137.89	0.00001	(03010823)	169.71
		(03110522)			
-144.96	167.58	-143.54	0.00001	(03020907)	166.17
		(03020824)			
-147.79	164.76	-146.37	0.00001	(03010403)	163.34
		(03120804)			
-161.93	161.93	-149.20	0.00001	(03021206)	149.20
		(03030406)			
-164.76	147.79	-163.34	0.00001	(03010720)	146.37
		(03030106)			
-167.58	144.96	-166.17	0.00001	(03051606)	143.54
		(03121506)			
-173.24	141.42	-169.71	0.00001	(03022606)	137.89
		(03122505)			
-183.85	134.35	-176.78	0.00001	(03111309)	127.28
		(03020402)			
-197.99	120.21	-190.92	0.00001	(03040707)	113.14
		(03012501)			
-212.13	106.07	-205.06	0.00001	(03102623)	98.99
		(03032903)			
-226.27	91.92	-219.20	0.00000	(03030602)	84.85
		(03022723)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC PAGE 121  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* \*\* DI SCRETE CARTESI AN RECEPTOR POINTS

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

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

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-98.99	233.35	-91.92	0.00000	(03043003)	226.27
		(03032407)			
-113.14	219.20	-106.07	0.00000	(03011721)	212.13
		(03111801)			
-127.28	205.06	-120.21	0.00000	(03050101)	197.99
		(03112406)			
-141.42	190.92	-134.35	0.00000	(03021723)	183.85
		(03111905)			
-148.49	180.31	-144.96	0.00000	(03110204)	176.78
		(03102421)			
-152.03	174.66	-150.61	0.00000	(03020907)	173.24
		(03020824)			
-154.86	171.83	-153.44	0.00000	(03010403)	170.41
		(03111903)			
-169.00	169.00	-156.27	0.00000	(03021206)	156.27
		(03030406)			
-171.83	154.86	-170.41	0.00000	(03010720)	153.44
		(03022601)			
-174.66	152.03	-173.24	0.00000	(03121805)	150.61
		(03121506)			
-180.31	148.49	-176.78	0.00000	(03022606)	144.96
		(03092107)			
-190.92	141.42	-183.85	0.00000	(03111309)	134.35
		(03020402)			
-205.06	127.28	-197.99	0.00000	(03040707)	120.21
		(03101303)			
-219.20	113.14	-212.13	0.00000	(03021706)	106.07
		(03102721)			
-233.35	98.99	-226.27	0.00000	(03010502)	91.92
		(03010905)			
-106.07	240.42	-98.99	0.00000	(03021708)	233.35
		(03110601)			
-120.21	226.27	-113.14	0.00000	(03010908)	219.20
		(03040702)			
-134.35	212.13	-127.28	0.00000	(03050101)	205.06
		(03112406)			
-148.49	197.99	-141.42	0.00000	(03021723)	190.92
		(03111905)			
-155.56	187.38	-152.03	0.00000	(03122003)	183.85
		(03091905)			
-159.10	181.73	-157.68	0.00000	(03020907)	180.31
		(03020824)			
-161.93	178.90	-160.51	0.00000	(03010403)	177.48
		(03111903)			
-176.07	176.07	-163.34	0.00000	(03021206)	163.34
		(03030406)			
-178.90	161.93	-177.48	0.00000	(03010720)	160.51
		(03022601)			
-181.73	159.10	-180.31	0.00000	(03121805)	157.68
		(03121506)			
-187.38	155.56	-183.85	0.00000	(03011710)	152.03
		(03092107)			
-197.99	148.49	-190.92	0.00000	(03111309)	141.42
		(03010407)			
-212.13	134.35	-205.06	0.00000	(03082106)	127.28
		(03101303)			
-226.27	120.21	-219.20	0.00000	(03111608)	113.14
		(03102721)			
-240.42	106.07	-233.35	0.00000	(03033106)	98.99
		(03121806)			
	247.49	-106.07	0.00000	(03041422)	240.42

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-113.14	0.00000	(03110601)			
233.35	-120.21		0.00000	(03010908)	226.27
-127.28	0.00000	(03040304)			
219.20	-134.35		0.00000	(03051823)	212.13
-141.42	0.00000	(03041702)			
205.06	-148.49		0.00000	(03021705)	197.99
-155.56	0.00000	(03111721)			
194.45	-159.10		0.00000	(03092608)	190.92
-162.63	0.00000	(03091905)			
188.80	-164.76		0.00000	(03010909)	187.38
-166.17	0.00000	(03020824)			
185.97	-167.58		0.00000	(03010403)	184.55
-169.00	0.00000	(03111903)			
183.14	-170.41		0.00000	(03021206)	170.41
-183.14	0.00000	(03030406)			
169.00	-184.55		0.00000	(03010720)	167.58
-185.97	0.00000	(03010720)			
166.17	-187.38		0.00000	(03121805)	164.76
-188.80	0.00000	(03121506)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
162.63	-190.92	0.00000	(03011710)	159.10
-194.45	0.00000	(03040903)		
155.56	-197.99	0.00000	(03062524)	148.49
-205.06	0.00000	(03010407)		
141.42	-212.13	0.00000	(03111303)	134.35
-219.20	0.00000	(03052006)		
127.28	-226.27	0.00000	(03121222)	120.21
-233.35	0.00000	(03082104)		
113.14	-240.42	0.00000	(03022722)	106.07
-247.49	0.00000	(03040804)		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTS:

PAGE 123

CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 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	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
-106.07	247.49	0.00002	(03060107)	-113.14	
240.42	0.00002 (03041101)				
-120.21	233.35	0.00003	(03052104)	-127.28	
226.27	0.00003 (03090105)				
-134.35	219.20	0.00003	(03061505)	-141.42	
212.13	0.00004 (03021822)				
-148.49	205.06	0.00004	(03102824)	-155.56	
197.99	0.00006 (03052823)				
-159.10	194.45	0.00006	(03011823)	-162.63	
190.92	0.00007 (03121704)				
-164.76	188.80	0.00008	(03101401)	-166.17	
187.38	0.00009 (03060105)				
-167.58	185.97	0.00009	(03021606)	-169.00	
184.55	0.00010 (03021902)				
-170.41	183.14	0.00011	(03032101)	-183.14	
170.41	0.00011 (03021005)				
-184.55	169.00	0.00010	(03120221)	-185.97	
167.58	0.00009 (03120221)				
-187.38	166.17	0.00009	(03102124)	-188.80	
164.76	0.00008 (03091401)				
-190.92	162.63	0.00007	(03110308)	-194.45	
159.10	0.00006 (03092302)				
-197.99	155.56	0.00006	(03012102)	-205.06	
148.49	0.00004 (03112609)				
-212.13	141.42	0.00004	(03010106)	-219.20	
134.35	0.00003 (03021605)				
-226.27	127.28	0.00003	(03040106)	-233.35	
120.21	0.00003 (03010903)				
-240.42	113.14	0.00002	(03080705)	-247.49	
106.07	0.00002 (03121520)				
-98.99	240.42	0.00002	(03030506)	-106.07	
233.35	0.00002 (03030622)				
-113.14	226.27	0.00002	(03100903)	-120.21	
219.20	0.00003 (03122604)				
-127.28	212.13	0.00003	(03061505)	-134.35	
205.06	0.00004 (03030721)				
-141.42	197.99	0.00004	(03102824)	-148.49	
190.92	0.00006 (03052823)				
-152.03	187.38	0.00006	(03011823)	-155.56	
183.85	0.00007 (03121704)				
-157.68	181.73	0.00008	(03101401)	-159.10	
180.31	0.00009 (03060105)				
-160.51	178.90	0.00009	(03021606)	-161.93	
177.48	0.00010 (03021902)				
-163.34	176.07	0.00011	(03100707)	-176.07	
163.34	0.00011 (03021005)				
-177.48	161.93	0.00010	(03120221)	-178.90	
160.51	0.00009 (03120221)				
-180.31	159.10	0.00009	(03102124)	-181.73	
157.68	0.00008 (03091401)				

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

152.03	-183.85	0.00006	155.56 (03092302)	0.00007	(03110308)	-187.38
141.42	-190.92	0.00004	148.49 (03031902)	0.00006	(03012102)	-197.99
127.28	-205.06	0.00003	134.35 (03021605)	0.00004	(03112707)	-212.13
113.14	-219.20	0.00002	120.21 (03041524)	0.00003	(03040106)	-226.27
98.99	-233.35	0.00002	106.07 (03121520)	0.00002	(03080705)	-240.42
226.27	-91.92	0.00002	233.35 (03030724)	0.00002	(03101124)	-98.99
212.13	-106.07	0.00003	219.20 (03101224)	0.00002	(03011002)	-113.14
197.99	-120.21	0.00004	205.06 (03050624)	0.00003	(03091207)	-127.28
183.85	-134.35	0.00005	190.92 (03052823)	0.00004	(03041024)	-141.42
176.78	-144.96	0.00007	180.31 (03121704)	0.00006	(03011823)	-148.49
173.24	-150.61	0.00009	174.66 (03060105)	0.00008	(03101401)	-152.03
170.41	-153.44	0.00010	171.83 (03021902)	0.00009	(03121120)	-154.86
156.27	-156.27	0.00011	169.00 (03021005)	0.00011	(03100707)	-169.00
153.44	-170.41	0.00009	154.86 (03120221)	0.00010	(03120221)	-171.83
150.61	-173.24	0.00008	152.03 (03091401)	0.00009	(03102124)	-174.66

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

CONC PAGE 124  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 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	(YYMMDDHH)	X-COORD (M)	
Y-COORD (M)	CONC	(YYMMDDHH)			
144.96	-176.78	0.00006	148.49 (03092302)	0.00007 (03110308)	-180.31
134.35	-183.85	0.00004	141.42 (03031902)	0.00005 (03012102)	-190.92
120.21	-197.99	0.00003	127.28 (03030102)	0.00004 (03010106)	-205.06
106.07	-212.13	0.00002	113.14 (03050106)	0.00003 (03010504)	-219.20
	-226.27		99.00	0.00002 (03043023)	-233.35

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

91.92	0.00002	(03043023)	0.00002	(03101124)	-91.92
219.20	0.00002	(03011101)	0.00002	(03090806)	-106.07
205.06	0.00003	(03101224)	0.00003	(03112808)	-120.21
190.92	0.00004	(03072806)	0.00004	(03041024)	-134.35
176.78	0.00005	(03041806)	0.00006	(03011823)	-141.42
169.71	0.00007	(03082007)	0.00008	(03101401)	-144.96
166.17	0.00009	(03060105)	0.00009	(03121120)	-147.79
163.34	0.00010	(03021902)	0.00011	(03031521)	-161.93
149.20	0.00011	(03021005)	0.00010	(03120221)	-164.76
146.37	0.00009	(03041604)	0.00009	(03102124)	-167.58
143.54	0.00008	(03043001)	0.00007	(03110308)	-173.24
137.89	0.00006	(03092302)	0.00005	(03012102)	-183.85
127.28	0.00004	(03030924)	0.00004	(03010106)	-197.99
113.14	0.00003	(03052806)	0.00003	(03011102)	-212.13
99.00	0.00002	(03080705)	0.00002	(03043023)	-226.27
84.85	0.00002	(03121521)	0.00002	(03011304)	-84.85
212.13	0.00002	(03030506)	0.00002	(03011002)	-98.99
197.99	0.00003	(03042303)	0.00003	(03112808)	-113.14
183.85	0.00004	(03072806)	0.00004	(03041024)	-127.28
169.71	0.00005	(03041806)	0.00006	(03011823)	-134.35
162.63	0.00007	(03082007)	0.00008	(03033103)	-137.89
159.10	0.00009	(03100907)	0.00009	(03030923)	-140.71
156.27	0.00010	(03021902)	0.00011	(03031521)	-154.86
142.13	0.00011	(03021005)	0.00010	(03120221)	-157.68
139.30	0.00009	(03041604)	0.00009	(03091401)	-160.51
136.47	0.00008	(03043001)	0.00007	(03110308)	-166.17
130.81	0.00006	(03092302)	0.00005	(03012102)	-176.78
120.21	0.00004	(03021009)	0.00004	(03010106)	-190.92
106.07	0.00003	(03021502)	0.00003	(03010504)	-205.06
91.92	0.00002	(03080705)	0.00002	(03121520)	-219.20
77.78	0.00002	(03121521)	0.00002	(03012506)	-77.78
205.06	0.00002	(03101124)			

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW_BOUND_CORRECTED					
190.92	-84.85	0.00003	197.99 (03042303)	0.00002	(03012021) -91.92
176.78	-98.99	0.00004	183.85 (03072806)	0.00003	(03090105) -106.07
162.63	-113.14	0.00005	169.71 (03041806)	0.00004	(03041024) -120.21
155.56	-123.74	0.00007	159.10 (03082007)	0.00006	(03011823) -127.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
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Direction  
 \*\*MODELOPTs:

PAGE 125  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
152.03	-129.40	0.00009	153.44 (03100907)	0.00008	(03033103)	-130.81
149.20	-132.23	0.00010	150.61 (03021902)	0.00009	(03030923)	-133.64
135.06	-135.06	0.00011	147.79 (03021005)	0.00011	(03031521)	-147.79
132.23	-149.20	0.00009	133.64 (03041604)	0.00010	(03120221)	-150.61
129.40	-152.03	0.00008	130.81 (03043001)	0.00009	(03091401)	-153.44
123.74	-155.56	0.00006	127.28 (03092302)	0.00007	(03110308)	-159.10
113.14	-162.63	0.00004	120.21 (03040105)	0.00005	(03012102)	-169.71
98.99	-176.78	0.00003	106.07 (03021502)	0.00004	(03100905)	-183.85
84.85	-190.92	0.00002	91.92 (03080705)	0.00003	(03011102)	-197.99
70.71	-205.06	0.00002	77.78 (03112703)	0.00002	(03043023)	-212.13
197.99	-63.64	0.00002	205.06 (03101124)	0.00002	(03021823)	-70.71
183.85	-77.78	0.00003	190.92 (03052104)	0.00002	(03012021)	-84.85
169.71	-91.92	0.00004	176.78 (03090203)	0.00003	(03090105)	-98.99
155.56	-106.07	0.00005	162.63 (03041806)	0.00004	(03041024)	-113.14
148.49	-116.67	0.00007	152.03 (03020821)	0.00006	(03090207)	-120.21
	-122.33		146.37	0.00008	(03033103)	-123.74

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

144.96	0.00009	(03100907)	0.00009	(03030923)	-126.57
-125.16	143.54				
142.13	0.00010	(03040504)	0.00011	(03031521)	-140.71
-127.99	140.71				
127.99	0.00011	(03021005)	0.00010	(03120221)	-143.54
-142.13	126.57				
125.16	0.00009	(03041604)	0.00009	(03091401)	-146.37
-144.96	123.74				
122.33	0.00008	(03043001)	0.00007	(03110308)	-152.03
-148.49	120.21				
116.67	0.00006	(03102106)	0.00005	(03082206)	-162.63
-155.56	113.14				
106.07	0.00004	(03040105)	0.00004	(03100905)	-176.78
-169.71	98.99				
91.92	0.00003	(03040106)	0.00003	(03010903)	-190.92
-183.85	84.85				
77.78	0.00002	(03080705)	0.00002	(03013007)	-205.06
-197.99	70.71				
63.64	0.00002	(03112001)	0.00002	(03021823)	-63.64
-56.57	197.99				
190.92	0.00002	(03011304)	0.00002	(03030622)	-77.78
-70.71	183.85				
176.78	0.00003	(03020321)	0.00003	(03090105)	-91.92
-84.85	169.71				
162.63	0.00004	(03090203)	0.00004	(03042305)	-106.07
-98.99	155.56				
148.49	0.00005	(03041806)	0.00006	(03090207)	-113.14
-109.60	144.96				
141.42	0.00007	(03020821)	0.00008	(03033103)	-116.67
-115.26	139.30				
137.89	0.00008	(03100907)	0.00009	(03030923)	-119.50
-118.09	136.47				
135.06	0.00010	(03040504)	0.00011	(03031521)	-133.64
-120.92	133.64				
120.92	0.00011	(03021005)	0.00010	(03120221)	-136.47
-135.06	119.50				
118.09	0.00009	(03041604)	0.00009	(03091401)	-139.30
-137.89	116.67				
115.26	0.00008	(03043001)	0.00007	(03052702)	-144.96
-141.42	113.14				
109.60	0.00006	(03102106)	0.00005	(03082206)	-155.56
-148.49	106.07				
98.99	0.00004	(03051104)	0.00004	(03100905)	-169.71
-162.63	91.92				
84.85	0.00003	(03092201)	0.00003	(03050106)	-183.85
-176.78	77.78				
70.71	0.00002	(03043023)	0.00002	(03013007)	-197.99
-190.92	63.64				
56.57	0.00002	(03072703)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

Direction

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

\*\*\*

INCLUDING SOURCE(S):

NCRA\_S1 , NCRA\_S2 ,

NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3		
		**				
Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
183.85	-49.50	190.92	(03090106)	0.00002	(03051306)	-56.57
169.71	-63.64	176.78	(03100903)	0.00002	(03011101)	-70.71
155.56	-77.78	162.63	(03110701)	0.00003	(03122604)	-84.85
141.42	-91.92	148.49	(03021103)	0.00004	(03102208)	-98.99
134.35	-102.53	137.89	(03020821)	0.00006	(03090207)	-106.07
130.81	-108.19	132.23	(03100907)	0.00008	(03042301)	-109.60
127.99	-111.02	129.40	(03040504)	0.00009	(03030923)	-112.43
113.84	-113.84	126.57	(03021005)	0.00011	(03031521)	-126.57
111.02	-127.99	112.43	(03041604)	0.00010	(03120221)	-129.40
108.19	-130.81	109.60	(03110308)	0.00008	(03091401)	-132.23
102.53	-134.35	106.07	(03102106)	0.00007	(03052702)	-137.89
91.92	-141.42	98.99	(03051104)	0.00005	(03082206)	-148.49
77.78	-155.56	84.85	(03040106)	0.00004	(03100905)	-162.63
63.64	-169.71	70.71	(03121520)	0.00003	(03080705)	-176.78
49.50	-183.85	56.57	(03072703)	0.00002	(03121521)	-190.92
176.78	-42.43	183.85	(03012506)	0.00002	(03051306)	-49.50
162.63	-56.57	169.71	(03100903)	0.00002	(03121303)	-63.64
148.49	-70.71	155.56	(03110701)	0.00003	(03042303)	-77.78
134.35	-84.85	141.42	(03080904)	0.00004	(03102208)	-91.92
127.28	-95.46	130.81	(03020821)	0.00006	(03090207)	-98.99
123.74	-101.12	125.16	(03100907)	0.00008	(03042301)	-102.53
120.92	-103.94	122.33	(03040504)	0.00009	(03030923)	-105.36
106.77	-106.77	119.50	(03021005)	0.00011	(03031521)	-119.50
103.94	-120.92	105.36	(03041604)	0.00010	(03120221)	-122.33
101.12	-123.74	102.53	(03110308)	0.00008	(03091401)	-125.16
95.46	-127.28	98.99	(03030103)	0.00007	(03052702)	-130.81
	-134.35	91.92		0.00005	(03082206)	-141.42

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

84.85	-148.49	0.00004	(03051104)	0.00004	(03041023)	-155.56
70.71	-162.63	0.00003	(03010504)	0.00003	(03080705)	-169.71
56.57	-176.78	0.00002	(03121520)	0.00002	(03121521)	-183.85
42.43	-35.36	0.00002	(03050507)	0.00002	(03101501)	-42.43
169.71	-49.50	0.00002	(03033101)	0.00002	(03060107)	-56.57
155.56	-63.64	0.00003	(03090806)	0.00003	(03101224)	-70.71
141.42	-77.78	0.00004	(03061505)	0.00004	(03021822)	-84.85
127.28	-88.39	0.00005	(03080904)	0.00006	(03090207)	-91.92
120.21	-94.05	0.00007	(03080704)	0.00008	(03042301)	-95.46
116.67	-96.87	0.00008	(03100907)	0.00009	(03030923)	-98.29
113.84	-99.70	0.00010	(03040504)	0.00011	(03031521)	-112.43
99.70	-113.84	0.00011	(03021005)	0.00010	(03120221)	-115.26
96.87	-116.67	0.00009	(03041604)	0.00008	(03091401)	-118.09
94.05		0.00008	(03043001)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 127  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
-120.21	88.39	91.92	(03030103)	0.00007	(03052702)	-123.74
-127.28	77.78	84.85	(03112707)	0.00005	(03041807)	-134.35
-141.42	63.64	70.71	(03010504)	0.00004	(03041023)	-148.49
-155.56	49.50	56.57	(03121520)	0.00003	(03080705)	-162.63
-169.71	35.36	42.43	(03050507)	0.00002	(03112001)	-176.78
-28.28	162.63	169.71	(03122118)	0.00002	(03090108)	-35.36

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
148.49	-42.43	0.00003	155.56 (03032021)	0.00002	(03030506)	-49.50
134.35	-56.57	0.00004	141.42 (03061505)	0.00003	(03101224)	-63.64
120.21	-70.71	0.00005	127.28 (03021103)	0.00004	(03030721)	-77.78
113.14	-81.32	0.00007	116.67 (03080704)	0.00006	(03090207)	-84.85
109.60	-86.97	0.00008	111.02 (03100907)	0.00008	(03042301)	-88.39
106.77	-89.80	0.00010	108.19 (03040504)	0.00009	(03060105)	-91.22
92.63	-92.63	0.00011	105.36 (03021005)	0.00011	(03031521)	-105.36
89.80	-106.77	0.00009	91.22 (03041604)	0.00010	(03120221)	-108.19
86.97	-109.60	0.00008	88.39 (03043001)	0.00008	(03091401)	-111.02
81.32	-113.14	0.00006	84.85 (03030103)	0.00007	(03052702)	-116.67
70.71	-120.21	0.00004	77.78 (03112707)	0.00005	(03041807)	-127.28
56.57	-134.35	0.00003	63.64 (03011102)	0.00004	(03052806)	-141.42
42.43	-148.49	0.00002	49.50 (03121520)	0.00003	(03080705)	-155.56
28.28	-162.63	0.00002	35.36 (03122302)	0.00002	(03041603)	-169.71
155.56	-21.21	0.00002	162.63 (03062701)	0.00002	(03053104)	-28.28
141.42	-35.36	0.00003	148.49 (03051001)	0.00002	(03011304)	-42.43
127.28	-49.50	0.00004	134.35 (03112808)	0.00003	(03052104)	-56.57
113.14	-63.64	0.00005	120.21 (03080904)	0.00004	(03021822)	-70.71
106.07	-74.25	0.00007	109.60 (03080704)	0.00006	(03052823)	-77.78
102.53	-79.90	0.00008	103.94 (03101401)	0.00008	(03042301)	-81.32
99.70	-82.73	0.00010	101.12 (03040504)	0.00009	(03060105)	-84.15
85.56	-85.56	0.00011	98.29 (03021005)	0.00011	(03031521)	-98.29
82.73	-99.70	0.00009	84.15 (03041604)	0.00010	(03120221)	-101.12
79.90	-102.53	0.00008	81.32 (03110308)	0.00008	(03091401)	-103.94
74.25	-106.07	0.00006	77.78 (03012102)	0.00007	(03052702)	-109.60
63.64	-113.14	0.00004	70.71 (03112707)	0.00005	(03041807)	-120.21
49.50	-127.28	0.00003	56.57 (03010903)	0.00004	(03021502)	-134.35
35.36	-141.42	0.00002	42.43 (03013007)	0.00003	(03043023)	-148.49
21.21	-155.56	0.00002	28.28 (03122302)	0.00002	(03072703)	-162.63
148.49	-14.14	0.00002	155.56 (03062701)	0.00002	(03111804)	-21.21
134.35	-28.28	0.00003	141.42 (03030622)	0.00002	(03011304)	-35.36
	-42.43		127.28	0.00003	(03052104)	-49.50

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

120.21	0.00004	(03112808)			
-56.57	113.14		0.00004	(03030721)	-63.64
106.07	0.00005	(03102824)			
-67.18	102.53		0.00006	(03052823)	-70.71
98.99	0.00007	(03080704)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-72.83	96.87	0.00008	(03121704)	-74.25
95.46	(03101401)			
-75.66	94.05	0.00009	(03060105)	-77.07
92.63	(03040602)			
-78.49	91.22	0.00011	(03031521)	-91.22
78.49	(03021005)			
-92.63	77.07	0.00010	(03120221)	-94.05
75.66	(03102124)			
-95.46	74.25	0.00008	(03091401)	-96.87
72.83	(03110308)			
-98.99	70.71	0.00007	(03052702)	-102.53
67.18	(03012102)			
-106.07	63.64	0.00005	(03052707)	-113.14
56.57	(03010106)			
-120.21	49.50	0.00004	(03021502)	-127.28
42.43	(03010903)			
-134.35	35.36	0.00003	(03043023)	-141.42
28.28	(03121521)			
-148.49	21.21	0.00002	(03050507)	-155.56
14.14	(03112003)			
-7.07	148.49	0.00002	(03040603)	-14.14
141.42	(03070805)			
-21.21	134.35	0.00002	(03101123)	-28.28
127.28	(03030506)			
-35.36	120.21	0.00003	(03052104)	-42.43
113.14	(03122604)			
-49.50	106.07	0.00004	(03011706)	-56.57
98.99	(03102824)			
-60.10	95.46	0.00006	(03041806)	-63.64
91.92	(03011823)			
-65.76	89.80	0.00008	(03121704)	-67.18
88.39	(03101401)			
-68.59	86.97	0.00009	(03060105)	-70.00
85.56	(03040602)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

71.42	-71.42	0.00011	84.15	0.00011	(03031521)	-84.15
68.59	-85.56	0.00009	70.00	0.00010	(03120221)	-86.97
65.76	-88.39	0.00008	67.18	0.00008	(03043001)	-89.80
60.10	-91.92	0.00006	63.64	0.00007	(03052702)	-95.46
49.50	-98.99	0.00004	56.57	0.00005	(03052707)	-106.07
35.36	-113.14	0.00003	42.43	0.00004	(03040106)	-120.21
21.21	-127.28	0.00002	28.28	0.00003	(03121520)	-134.35
7.07	-141.42	0.00002	14.14	0.00002	(03050507)	-148.49
134.35	0.00	0.00002	141.42	0.00002	(03060101)	-7.07
120.21	-14.14	0.00003	127.28	0.00002	(03021823)	-21.21
106.07	-28.28	0.00004	113.14	0.00003	(03080707)	-35.36
91.92	-42.43	0.00005	98.99	0.00004	(03102802)	-49.50
84.85	-53.03	0.00007	88.39	0.00006	(03041806)	-56.57
81.32	-58.69	0.00008	82.73	0.00008	(03121704)	-60.10
78.49	-61.52	0.00010	79.90	0.00009	(03060105)	-62.93
64.35	-64.35	0.00011	77.07	0.00011	(03031521)	-77.07
61.52	-78.49	0.00009	62.93	0.00010	(03120221)	-79.90
58.69	-81.32	0.00008	60.10	0.00008	(03043001)	-82.73
53.03	-84.85	0.00006	56.57	0.00007	(03092302)	-88.39
42.43	-91.92	0.00004	49.50	0.00005	(03052707)	-98.99
28.28	-106.07	0.00003	35.36	0.00004	(03040106)	-113.14
14.14	-120.21	0.00002	21.21	0.00003	(03043023)	-127.28
0.00	-134.35	0.00002	7.07	0.00002	(03112003)	-141.42
	0.00	0.00002	(03050903)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
	7.07	134.35		0.00002	(03060101)	0.00
127.28		0.00002	(03053104)			
	-7.07	120.21		0.00002	(03062701)	-14.14
113.14		0.00003	(03101124)			
	-21.21	106.07		0.00003	(03041101)	-28.28
98.99		0.00004	(03051303)			
	-35.36	91.92		0.00004	(03102802)	-42.43
84.85		0.00005	(03102824)			
	-45.96	81.32		0.00006	(03041806)	-49.50
77.78		0.00007	(03011823)			
	-51.62	75.66		0.00008	(03082007)	-53.03
74.25		0.00008	(03033103)			
	-54.45	72.83		0.00009	(03100907)	-55.86
71.42		0.00010	(03121120)			
	-57.28	70.00		0.00011	(03031521)	-70.00
57.28		0.00011	(03021005)			
	-71.42	55.86		0.00010	(03120221)	-72.83
54.45		0.00009	(03102124)			
	-74.25	53.03		0.00008	(03043001)	-75.66
51.62		0.00008	(03110308)			
	-77.78	49.50		0.00007	(03092302)	-81.32
45.96		0.00006	(03012102)			
	-84.85	42.43		0.00005	(03031902)	-91.92
35.36		0.00004	(03100905)			
	-98.99	28.28		0.00004	(03040106)	-106.07
21.21		0.00003	(03080705)			
	-113.14	14.14		0.00003	(03043023)	-120.21
7.07		0.00002	(03072703)			
	-127.28	0.00		0.00002	(03122302)	-134.35
-7.07		0.00002	(03032206)			
	14.14	127.28		0.00002	(03040902)	7.07
120.21		0.00002	(03031903)			
	0.00	113.14		0.00002	(03051306)	-7.07
106.07		0.00003	(03011304)			
	-14.14	98.99		0.00003	(03013107)	-21.21
91.92		0.00004	(03051303)			
	-28.28	84.85		0.00004	(03050202)	-35.36
77.78		0.00005	(03102824)			
	-38.89	74.25		0.00006	(03041806)	-42.43
70.71		0.00007	(03011823)			
	-44.55	68.59		0.00008	(03020821)	-45.96
67.18		0.00008	(03033103)			
	-47.38	65.76		0.00009	(03100907)	-48.79
64.35		0.00010	(03021606)			
	-50.20	62.93		0.00011	(03021902)	-62.93
50.20		0.00010	(03120221)			
	-64.35	48.79		0.00010	(03120221)	-65.76
47.38		0.00009	(03091401)			
	-67.18	45.96		0.00008	(03043001)	-68.59
44.55		0.00008	(03110308)			
	-70.71	42.43		0.00007	(03092302)	-74.25
38.89		0.00006	(03082206)			
	-77.78	35.36		0.00005	(03021009)	-84.85
28.28		0.00004	(03091205)			
	-91.92	21.21		0.00004	(03011102)	-98.99
14.14		0.00003	(03080705)			

02_13NCRA_SRO3-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
0.00	-106.07	7.07	0.00003	(03013007)	-113.14
-14.14	0.00002	(03072703)	0.00002	(03050903)	-127.28
113.14	-120.21	-7.07	0.00002	(03091206)	14.14
98.99	21.21	120.21	0.00002	(03090108)	0.00
84.85	7.07	106.07	0.00003	(03030622)	-14.14
70.71	-7.07	91.92	0.00004	(03110701)	-28.28
63.64	-21.21	77.78	0.00005	(03041024)	-35.36
60.10	-31.82	67.18	0.00006	(03021103)	-38.89
57.28	-37.48	61.52	0.00008	(03020821)	-41.72
43.13	-40.31	58.69	0.00009	(03100907)	-55.86
40.31	-43.13	55.86	0.00010	(03021902)	-58.69
37.48	-57.28	41.72	0.00010	(03041604)	-61.52
	-60.10	38.89	0.00008	(03043001)	
	37.48	0.00008	(03052702)		

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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	(YYMMDDHH)	X-COORD (M)
31.82	-63.64	35.36	0.00007 (03092302)	-67.18
21.21	-70.71	28.28	0.00005 (03030924)	-77.78
7.07	-84.85	14.14	0.00003 (03011102)	-91.92
-7.07	-98.99	0.00	0.00003 (03121521)	-106.07
-21.21	-113.14	-14.14	0.00002 (03050903)	-120.21
106.07	28.28	113.14	0.00002 (03101523)	21.21
91.92	14.14	98.99	0.00002 (03090123)	7.07
	0.00	84.85	0.00003 (03011101)	-7.07

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

77.78	0.00003	(03082301)			
-14.14	70.71		0.00004	(03110701)	-21.21
63.64	0.00005	(03041024)			
-24.75	60.10		0.00006	(03021103)	-28.28
56.57	0.00007	(03011823)			
-30.41	54.45		0.00007	(03020821)	-31.82
53.03	0.00008	(03042301)			
-33.23	51.62		0.00009	(03100907)	-34.65
50.20	0.00009	(03030923)			
-36.06	48.79		0.00010	(03021902)	-48.79
36.06	0.00010	(03120221)			
-50.20	34.65		0.00009	(03041604)	-51.62
33.23	0.00009	(03091401)			
-53.03	31.82		0.00008	(03110308)	-54.45
30.41	0.00007	(03052702)			
-56.57	28.28		0.00007	(03102106)	-60.10
24.75	0.00006	(03082206)			
-63.64	21.21		0.00005	(03040105)	-70.71
14.14	0.00004	(03041023)			
-77.78	7.07		0.00003	(03041524)	-84.85
0.00	0.00003	(03043023)			
-91.92	-7.07		0.00003	(03112001)	-98.99
-14.14	0.00002	(03112003)			
-106.07	-21.21		0.00002	(03041506)	-113.14
-28.28	0.00002	(03040505)			
35.36	106.07		0.00002	(03081504)	28.28
98.99	0.00002	(03111124)			
21.21	91.92		0.00002	(03053104)	14.14
84.85	0.00003	(03021823)			
7.07	77.78		0.00003	(03030506)	0.00
70.71	0.00003	(03020321)			
-7.07	63.64		0.00004	(03061505)	-14.14
56.57	0.00005	(03042305)			
-17.68	53.03		0.00006	(03021103)	-21.21
49.50	0.00007	(03090207)			
-23.33	47.38		0.00007	(03080704)	-24.75
45.96	0.00008	(03121704)			
-26.16	44.55		0.00009	(03100907)	-27.58
43.13	0.00009	(03030923)			
-28.99	41.72		0.00010	(03021902)	-41.72
28.99	0.00010	(03120221)			
-43.13	27.58		0.00009	(03041604)	-44.55
26.16	0.00009	(03091401)			
-45.96	24.75		0.00008	(03110308)	-47.38
23.33	0.00007	(03052702)			
-49.50	21.21		0.00007	(03102106)	-53.03
17.68	0.00006	(03041807)			
-56.57	14.14		0.00005	(03051104)	-63.64
7.07	0.00004	(03021605)			
-70.71	0.00		0.00003	(03050106)	-77.78
-7.07	0.00003	(03121520)			
-84.85	-14.14		0.00003	(03072703)	-91.92
-21.21	0.00002	(03122302)			
-98.99	-28.28		0.00002	(03120708)	-106.07
-35.36	0.00002	(03040505)			
42.43	98.99		0.00002	(03111403)	35.36
91.92	0.00002	(03070407)			
28.28	84.85		0.00002	(03081701)	21.21
77.78	0.00003	(03062701)			
14.14	70.71		0.00003	(03101124)	7.07
63.64	0.00003	(03100903)			
0.00	56.57		0.00004	(03112808)	-7.07
49.50	0.00005	(03102208)			

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW\_BOUND\_CORRECTED  
 -10.61 45.96 0.00006 (03080904) -14.14  
 42.43 0.00007 (03090207)  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-14.14	-16.26	40.31	(03121704)	0.00007	(03080704)	-17.68
-28.28	-19.09	37.48	(03101401)	0.00009	(03101401)	-20.51
-42.43	-21.92	34.65	(03021902)	0.00010	(03021902)	-34.65
-56.57	-36.06	20.51	(03041604)	0.00009	(03041604)	-37.48
-70.71	-38.89	17.68	(03110308)	0.00008	(03110308)	-40.31
-84.85	-42.43	14.14	(03030103)	0.00007	(03030103)	-45.96
-98.99	-49.50	7.07	(03051104)	0.00005	(03051104)	-56.57
-113.03	0.00	-7.07	(03052806)	0.00004	(03052806)	-70.71
-127.07	-63.64	-21.21	(03013007)	0.00003	(03050106)	-84.85
-141.11	-77.78	-35.36	(03050903)	0.00003	(03050507)	-98.99
-155.15	-91.92	91.92	(03111123)	0.00002	(03120708)	-113.03
-169.19	49.50	77.78	(03072707)	0.00002	(03062804)	-127.07
-183.23	84.85	63.64	(03070805)	0.00002	(03081102)	-141.11
-197.27	70.71	49.50	(03070805)	0.00003	(03011304)	-155.15
-211.31	56.57	35.36	(03090806)	0.00003	(03011304)	-169.19
-225.35	42.43	21.21	(03090806)	0.00003	(03090105)	-183.23
-239.39	28.28	7.07	(03021822)	0.00004	(03090105)	-197.27
-253.43	14.14	38.89	(03090207)	0.00005	(03102824)	-211.31
-267.47	0.00	33.23	(03090207)	0.00006	(03102824)	-225.35
-281.51	-14.14	30.41	(03082007)	0.00007	(03080704)	-239.39
-295.55	-28.28	27.58	(03082007)	0.00007	(03080704)	-253.43
-309.59	-42.43	20.51	(03101401)	0.00008	(03101401)	-267.47
-323.63	-56.57	17.68	(03060105)	0.00008	(03101401)	-281.51
-337.67	-70.71	14.14	(03060105)	0.00010	(03021902)	-295.55
-351.71	-84.85	11.23	(03021902)	0.00010	(03021902)	-309.59
-365.75	-98.99	8.32	(03120221)	0.00010	(03021902)	-323.63
-379.79	-113.03	5.41	(03120221)	0.00009	(03041604)	-337.67
-393.83	-127.07	2.50	(03120221)	0.00009	(03041604)	-351.71
-407.87	-141.11	-0.41	(03120221)	0.00009	(03041604)	-365.75
-421.91	-155.15	-3.32	(03120221)	0.00009	(03041604)	-379.79
-435.95	-169.19	-6.23	(03120221)	0.00009	(03041604)	-393.83
-449.99	-183.23	-9.14	(03120221)	0.00009	(03041604)	-407.87
-464.03	-197.27	-12.05	(03120221)	0.00009	(03041604)	-421.91
-478.07	-211.31	-14.96	(03120221)	0.00009	(03041604)	-435.95
-492.11	-225.35	-17.87	(03120221)	0.00009	(03041604)	-449.99
-506.15	-239.39	-20.78	(03120221)	0.00009	(03041604)	-464.03
-520.19	-253.43	-23.69	(03120221)	0.00009	(03041604)	-478.07
-534.23	-267.47	-26.60	(03120221)	0.00009	(03041604)	-492.11
-548.27	-281.51	-29.51	(03120221)	0.00009	(03041604)	-506.15
-562.31	-295.55	-32.42	(03120221)	0.00009	(03041604)	-520.19
-576.35	-309.59	-35.33	(03120221)	0.00009	(03041604)	-534.23
-590.39	-323.63	-38.24	(03120221)	0.00009	(03041604)	-548.27
-604.43	-337.67	-41.15	(03120221)	0.00009	(03041604)	-562.31
-618.47	-351.71	-44.06	(03120221)	0.00009	(03041604)	-576.35
-632.51	-365.75	-46.97	(03120221)	0.00009	(03041604)	-590.39
-646.55	-379.79	-49.88	(03120221)	0.00009	(03041604)	-604.43
-660.59	-393.83	-52.79	(03120221)	0.00009	(03041604)	-618.47
-674.63	-407.87	-55.70	(03120221)	0.00009	(03041604)	-632.51
-688.67	-421.91	-58.61	(03120221)	0.00009	(03041604)	-646.55
-702.71	-435.95	-61.52	(03120221)	0.00009	(03041604)	-660.59
-716.75	-449.99	-64.43	(03120221)	0.00009	(03041604)	-674.63
-730.79	-464.03	-67.34	(03120221)	0.00009	(03041604)	-688.67
-744.83	-478.07	-70.25	(03120221)	0.00009	(03041604)	-702.71
-758.87	-492.11	-73.16	(03120221)	0.00009	(03041604)	-716.75
-772.91	-506.15	-76.07	(03120221)	0.00009	(03041604)	-730.79
-786.95	-520.19	-78.98	(03120221)	0.00009	(03041604)	-744.83
-800.99	-534.23	-81.89	(03120221)	0.00009	(03041604)	-758.87
-815.03	-548.27	-84.80	(03120221)	0.00009	(03041604)	-772.91
-829.07	-562.31	-87.71	(03120221)	0.00009	(03041604)	-786.95
-843.11	-576.35	-90.62	(03120221)	0.00009	(03041604)	-800.99
-857.15	-590.39	-93.53	(03120221)	0.00009	(03041604)	-815.03
-871.19	-604.43	-96.44	(03120221)	0.00009	(03041604)	-829.07
-885.23	-618.47	-99.35	(03120221)	0.00009	(03041604)	-843.11
-899.27	-632.51	-102.26	(03120221)	0.00009	(03041604)	-857.15
-913.31	-646.55	-105.17	(03120221)	0.00009	(03041604)	-871.19
-927.35	-660.59	-108.08	(03120221)	0.00009	(03041604)	-885.23
-941.39	-674.63	-110.99	(03120221)	0.00009	(03041604)	-899.27
-955.43	-688.67	-113.90	(03120221)	0.00009	(03041604)	-913.31
-969.47	-702.71	-116.81	(03120221)	0.00009	(03041604)	-927.35
-983.51	-716.75	-119.72	(03120221)	0.00009	(03041604)	-941.39
-997.55	-730.79	-122.63	(03120221)	0.00009	(03041604)	-955.43
-1011.59	-744.83	-125.54	(03120221)	0.00009	(03041604)	-969.47
-1025.63	-758.87	-128.45	(03120221)	0.00009	(03041604)	-983.51
-1039.67	-772.91	-131.36	(03120221)	0.00009	(03041604)	-997.55
-1053.71	-786.95	-134.27	(03120221)	0.00009	(03041604)	-1011.59
-1067.75	-800.99	-137.18	(03120221)	0.00009	(03041604)	-1025.63
-1081.79	-815.03	-140.09	(03120221)	0.00009	(03041604)	-1039.67
-1095.83	-829.07	-143.00	(03120221)	0.00009	(03041604)	-1053.71
-1109.87	-843.11	-145.91	(03120221)	0.00009	(03041604)	-1067.75
-1123.91	-857.15	-148.82	(03120221)	0.00009	(03041604)	-1081.79
-1137.95	-871.19	-151.73	(03120221)	0.00009	(03041604)	-1095.83
-1151.99	-885.23	-154.64	(03120221)	0.00009	(03041604)	-1109.87
-1166.03	-899.27	-157.55	(03120221)	0.00009	(03041604)	-1123.91
-1180.07	-913.31	-160.46	(03120221)	0.00009	(03041604)	-1137.95
-1194.11	-927.35	-163.37	(03120221)	0.00009	(03041604)	-1151.99
-1208.15	-941.39	-166.28	(03120221)	0.00009	(03041604)	-1166.03
-1222.19	-955.43	-169.19	(03120221)	0.00009	(03041604)	-1180.07
-1236.23	-969.47	-172.10	(03120221)	0.00009	(03041604)	-1194.11
-1250.27	-983.51	-175.01	(03120221)	0.00009	(03041604)	-1208.15
-1264.31	-997.55	-177.92	(03120221)	0.00009	(03041604)	-1222.19
-1278.35	-1011.59	-180.83	(03120221)	0.00009	(03041604)	-1236.23
-1292.39	-1025.63	-183.74	(03120221)	0.00009	(03041604)	-1250.27
-1306.43	-1039.67	-186.65	(03120221)	0.00009	(03041604)	-1264.31
-1320.47	-1053.71	-189.56	(03120221)	0.00009	(03041604)	-1278.35
-1334.51	-1067.75	-192.47	(03120221)	0.00009	(03041604)	-1292.39
-1348.55	-1081.79	-195.38	(03120221)	0.00009	(03041604)	-1306.43
-1362.59	-1095.83	-198.29	(03120221)	0.00009	(03041604)	-1320.47
-1376.63	-1109.87	-201.20	(03120221)	0.00009	(03041604)	-1334.51
-1390.67	-1123.91	-204.11	(03120221)	0.00009	(03041604)	-1348.55
-1404.71	-1137.95	-207.02	(03120221)	0.00009	(03041604)	-1362.59
-1418.75	-1151.99	-209.93	(03120221)	0.00009	(03041604)	-1376.63
-1432.79	-1166.03	-212.84	(03120221)	0.00009	(03041604)	-1390.67
-1446.83	-1180.07	-215.75	(03120221)	0.00009	(03041604)	-1404.71
-1460.87	-1194.11	-218.66	(03120221)	0.00009	(03041604)	-1418.75
-1474.91	-1208.15	-221.57	(03120221)	0.00009	(03041604)	-1432.79
-1488.95	-1222.19	-224.48	(03120221)	0.00009	(03041604)	-1446.83
-1502.99	-1236.23	-227.39	(03120221)	0.00009	(03041604)	-1460.87
-1517.03	-1250.27	-230.30	(03120221)	0.00009	(03041604)	-1474.91
-1531.07	-1264.31	-233.21	(03120221)	0.00009	(03041604)	-1488.95
-1545.11	-1278.35	-236.12	(03120221)	0.00009	(03041604)	-1502.99
-1559.15	-1292.39	-239.03	(03120221)	0.00009	(03041604)	-1517.03
-1573.19	-1306.43	-241.94	(03120221)	0.00009	(03041604)	-1531.07
-1587.23	-1320.47	-244.85	(03120221)	0.00009	(03041604)	-1545.11
-1601.27	-1334.51	-247.76	(03120221)	0.00009	(03041604)	-1559.15
-1615.31	-1348.55	-250.67	(03120221)	0.00009	(03041604)	-1573.19
-1629.35	-1362.59	-253.58	(03120221)	0.00009	(03041604)	-1587.23
-1643.39	-1376.63	-256.49	(03120221)	0.00009	(03041604)	-1601.27
-1657.43	-1390.67	-259.40	(03120221)	0.00009	(03041604)	-1615.31
-1671.47	-1404.71	-262.31	(03120221)	0.00009	(03041604)	-1629.35
-1685.51	-1418.75	-265.22	(03120221)	0.00009	(03041604)	-1643.39
-1699.55	-1432.79	-268.13	(03120221)	0.00009	(03041604)	-1657.43
-1713.59	-1446.83	-271.04	(03120221)	0.00009	(03041604)	-1671.47
-1727.63	-1460.87	-273.95	(03120221)	0.00009	(03041604)	-1685.51
-1741.67	-1474.91	-276.86	(03120221)	0.00009	(03041604)	-1699.55
-1755.71	-1488.95	-279.77	(03120221)	0.00009	(03041604)	-1713.59
-1769.75	-1502.99	-282.68	(03120221)	0.00009	(03041604)	-1727.63
-1783.79	-1517.03	-285.59	(03120221)	0.00009	(03041604)	-1741.67
-1797.83	-1531.07	-288.50	(03120221)	0.00009	(03041604)	-1755.71
-1811.87	-1545.11	-291.41	(03120221)	0.00009	(03041604)	-1769.75
-1825.91	-1559.15	-294.32	(03120221)	0.00009	(03041604)	-1783.79
-1839.95	-1573.19	-297.23	(03120221)	0.00009	(03041604)	-1797.83
-1853.99	-1587.23	-300.14	(03120221)	0.00009	(03041604)	-1811.87
-1868.03	-1601.27	-303.05	(03120221)	0.00009	(03041604)	-1825.91
-1882.07	-1615.31	-305.96	(03120221)	0.00009	(03041604)	-1839.95
-1896.11	-1629.35	-308.87	(03120221)	0.00009	(03041604)	-1853.99
-1910.						

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

12.02	0.00008	(03091401)	0.00008	(03110308)	-33.23
-31.82	10.61				
9.19	0.00007	(03052702)	0.00007	(03030103)	-38.89
-35.36	7.07				
3.54	0.00006	(03052707)	0.00005	(03051104)	-49.50
-42.43	0.00				
-7.07	0.00004	(03092201)	0.00003	(03080705)	-63.64
-56.57	-14.14				
-21.21	0.00003	(03013007)	0.00003	(03050507)	-77.78
-70.71	-28.28				
-35.36	0.00002	(03050903)	0.00002	(03120708)	-91.92
-84.85	-42.43				
-49.50	0.00002	(03111123)	0.00002	(03060206)	49.50
56.57	84.85				
77.78	0.00002	(03021406)	0.00002	(03040507)	35.36
42.43	70.71				
63.64	0.00003	(03062503)	0.00003	(03012506)	21.21
28.28	56.57				
49.50	0.00003	(03012021)	0.00004	(03090105)	7.07
14.14	42.43				
35.36	0.00005	(03021822)	0.00006	(03102824)	0.00
3.54	31.82				
28.28	0.00007	(03052823)	0.00007	(03011823)	-3.54
-2.12	26.16				
24.75	0.00008	(03082007)	0.00008	(03101401)	-6.36
-4.95	23.33				
21.92	0.00009	(03060105)	0.00010	(03040504)	-20.51
-7.78	20.51				
7.78	0.00010	(03120221)	0.00009	(03102124)	-23.33
-21.92	6.36				
4.95	0.00008	(03043001)	0.00008	(03110308)	-26.16
-24.75	3.54				
2.12	0.00007	(03052702)	0.00007	(03012102)	-31.82
-28.28	0.00				
-3.54	0.00006	(03052707)	0.00005	(03010106)	-42.43
-35.36	-7.07				
-14.14	0.00004	(03040106)	0.00003	(03080705)	-56.57
-49.50	-21.21				
-28.28	0.00003	(03121521)	0.00003	(03112003)	-70.71
-63.64	-35.36				
-42.43	0.00002	(03041506)	0.00002	(03040505)	-84.85
-77.78	-49.50				
-56.57	0.00002	(03080105)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTS:

CONC PAGE 132  
 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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  
 \*\*

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
70.71	63.64	77.78	0.00002	(03100706)	56.57
56.57	49.50	63.64	0.00002	(03070407)	42.43
42.43	35.36	49.50	0.00003	(03033101)	28.28
28.28	21.21	35.36	0.00004	(03051303)	14.14
21.21	10.61	24.75	0.00006	(03102824)	7.07
17.68	4.95	19.09	0.00007	(03011823)	3.54
14.85	2.12	16.26	0.00008	(03033103)	0.71
0.71	-0.71	13.44	0.00010	(03040504)	-13.44
-2.12	-14.85	-0.71	0.00009	(03102124)	-16.26
-4.95	-17.68	-3.54	0.00008	(03052702)	-19.09
-10.61	-21.21	-7.07	0.00007	(03012102)	-24.75
-21.21	-28.28	-14.14	0.00005	(03112707)	-35.36
-35.36	-42.43	-28.28	0.00003	(03043023)	-49.50
-49.50	-56.57	-42.43	0.00003	(03112003)	-63.64
-63.64	-70.71	-56.57	0.00002	(03112509)	-77.78
63.64	70.71	70.71	0.00002	(03022105)	63.64
49.50	56.57	56.57	0.00002	(03042706)	49.50
35.36	42.43	42.43	0.00003	(03110509)	35.36
21.21	28.28	28.28	0.00004	(03042303)	21.21
14.14	17.68	17.68	0.00006	(03042424)	14.14
10.61	12.02	12.02	0.00007	(03011823)	10.61
7.78	9.19	9.19	0.00008	(03042301)	7.78
-6.36	6.36	6.36	0.00010	(03040504)	-6.36
-9.19	-7.78	-7.78	0.00009	(03102124)	-9.19
-12.02	-10.61	-10.61	0.00008	(03052702)	-12.02
-17.68	-14.14	-14.14	0.00006	(03040804)	-17.68
-28.28	-21.21	-21.21	0.00005	(03090505)	-28.28
-42.43	-35.36	-35.36	0.00003	(03031006)	-42.43
-56.57	-49.50	-49.50	0.00003	(03040801)	-56.57
	-63.64	-63.64	0.00002	(03112709)	-70.71

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-70.71	0.00002	(03112603)			
77.78	63.64		0.00002	(03082107)	70.71
56.57	0.00002	(03042502)			
63.64	49.50		0.00002	(03121723)	56.57
42.43	0.00003	(03081922)			
49.50	35.36		0.00003	(03022808)	42.43
28.28	0.00003	(03092004)			
35.36	21.21		0.00004	(03091005)	28.28
14.14	0.00005	(03011707)			
24.75	10.61		0.00006	(03111006)	21.21
7.07	0.00007	(03032407)			
19.09	4.95		0.00007	(03102621)	17.68
3.54	0.00008	(03011307)			
16.26	2.12		0.00008	(03040702)	14.85
0.71	0.00009	(03022802)			
13.44	-0.71		0.00010	(03102422)	0.71
-13.44	0.00010	(03020323)			
-0.71	-14.85		0.00009	(03012501)	-2.12
-16.26	0.00008	(03021706)			
-3.54	-17.68		0.00008	(03082104)	-4.95
-19.09	0.00007	(03102721)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 133  
 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YMMDDHH)	CONC	(YMMDDHH)	X-COORD (M)
-24.75	-7.07	-21.21		0.00007	(03030602)	-10.61
-35.36	-14.14	-28.28		0.00006	(03062705)	-21.21
-49.50	-28.28	-42.43		0.00004	(03111609)	-35.36
-63.64	-42.43	-56.57		0.00003	(03112403)	-49.50
-77.78	-56.57	-70.71		0.00003	(03091104)	-63.64
49.50	84.85	56.57		0.00002	(03030706)	-77.78
35.36	70.71	42.43		0.00002	(03102807)	77.78
21.21	56.57	28.28		0.00002	(03121519)	49.50
7.07	42.43	14.14		0.00002	(03091307)	63.64
				0.00003	(03092104)	49.50
				0.00003	(03050107)	21.21
				0.00003	(03011704)	49.50
				0.00004	(03011705)	35.36
				0.00005	(03022209)	7.07

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

0.00	31.82	0.00007	3.54	0.00006	(03101703)	28.28
-3.54	26.16	0.00008	-2.12	0.00007	(03102621)	24.75
-6.36	23.33	0.00009	-4.95	0.00008	(03011604)	21.92
-20.51	20.51	0.00010	-7.78	0.00010	(03010421)	7.78
-23.33	6.36	0.00008	-21.92	0.00009	(03012501)	4.95
-26.16	3.54	0.00007	-24.75	0.00008	(03082104)	2.12
-31.82	0.00	0.00006	-28.28	0.00007	(03040906)	-3.54
-42.43	-7.07	0.00004	-35.36	0.00005	(03102603)	-14.14
-56.57	-21.21	0.00003	-49.50	0.00003	(03030705)	-28.28
-70.71	-35.36	0.00002	-63.64	0.00003	(03030902)	-42.43
-84.85	-49.50	0.00002	-77.78	0.00002	(03030503)	-56.57
42.43	91.92	0.00002	49.50	0.00002	(03012609)	84.85
28.28	77.78	0.00003	35.36	0.00002	(03102406)	70.71
14.14	63.64	0.00003	21.21	0.00003	(03121909)	56.57
0.00	49.50	0.00005	7.07	0.00004	(03011705)	42.43
-7.07	38.89	0.00007	-3.54	0.00006	(03112404)	35.36
-10.61	33.23	0.00008	-9.19	0.00007	(03102621)	31.82
-13.44	30.41	0.00009	-12.02	0.00009	(03040304)	28.99
-27.58	27.58	0.00010	-14.85	0.00010	(03012324)	14.85
-30.41	13.44	0.00009	-28.99	0.00009	(03101303)	12.02
-33.23	10.61	0.00007	-31.82	0.00008	(03082104)	9.19
-38.89	7.07	0.00006	-35.36	0.00007	(03031607)	3.54
-49.50	0.00	0.00004	-42.43	0.00005	(03010704)	-7.07
-63.64	-14.14	0.00003	-56.57	0.00003	(03040522)	-21.21
-77.78	-28.28	0.00002	-70.71	0.00003	(03010802)	-35.36
-91.92	-42.43	0.00002	-84.85	0.00002	(03040305)	-49.50
35.36	98.99	0.00002	42.43	0.00002	(03111723)	91.92
21.21	84.85	0.00003	28.28	0.00002	(03102423)	77.78
7.07	70.71	0.00003	14.14	0.00003	(03030424)	63.64
-7.07	56.57	0.00005	0.00	0.00004	(03012806)	49.50
-14.14	45.96	0.00007	-10.61	0.00006	(03022123)	42.43
					(03110601)	

\*\*\* 06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
14:51:37

Direction  
\*\*MODELOPTs:

\*\*\*

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-17.68	40.31	-16.26	(03111801)	0.00007	(03011721)	38.89
-20.51	37.48	-19.09	(03050101)	0.00009	(03040304)	36.06
-34.65	34.65	-21.92	(03020604)	0.00010	(03012324)	21.92
-37.48	20.51	-36.06	(03121222)	0.00009	(03101303)	19.09
-40.31	17.68	-38.89	(03102721)	0.00008	(03082104)	16.26
-45.96	14.14	-42.43	(03022723)	0.00007	(03033106)	10.61
-56.57	7.07	-49.50	(03100306)	0.00005	(03110604)	0.00
-70.71	-7.07	-63.64	(03092208)	0.00003	(03040522)	-14.14
-84.85	-21.21	-77.78	(03091104)	0.00003	(03121720)	-28.28
-98.99	-35.36	-91.92	(03021903)	0.00002	(03111904)	-42.43
28.28	106.07	35.36	(03032403)	0.00002	(03082905)	98.99
14.14	91.92	21.21	(03081924)	0.00002	(03081922)	84.85
0.00	77.78	7.07	(03030504)	0.00003	(03111106)	70.71
-14.14	63.64	-7.07	(03012503)	0.00004	(03080804)	56.57
-21.21	53.03	-17.68	(03110601)	0.00006	(03020823)	49.50
-24.75	47.38	-23.33	(03111801)	0.00007	(03010908)	45.96
-27.58	44.55	-26.16	(03050101)	0.00009	(03121803)	43.13
-41.72	41.72	-28.99	(03040707)	0.00010	(03012324)	28.99
-44.55	27.58	-43.13	(03112805)	0.00009	(03101303)	26.16
-47.38	24.75	-45.96	(03102721)	0.00008	(03082104)	23.33

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED						
-53.03	21.21	0.00006	(03010905)	0.00007	(03022722)	17.68
-63.64	14.14	0.00004	(03030904)	0.00005	(03110604)	7.07
-77.78	0.00	0.00003	(03031006)	0.00003	(03021207)	-7.07
-91.92	-14.14	0.00002	(03011709)	0.00003	(03050503)	-21.21
-106.07	-28.28	0.00002	(03030503)	0.00002	(03111907)	-35.36
	113.14	0.00002	(03091707)	0.00002	(03101404)	106.07
	21.21	0.00002	(03042501)	0.00002	(03122806)	91.92
	7.07	0.00003	(03022122)	0.00003	(03111106)	77.78
	84.85	0.00003	(03022122)	0.00004	(03030501)	63.64
	-7.07	0.00005	(03012503)	0.00006	(03021708)	56.57
	70.71	0.00007	(03110601)	0.00007	(03011307)	53.03
	-21.21	0.00008	(03111801)	0.00009	(03121803)	50.20
	60.10	0.00009	(03050101)	0.00010	(03012324)	36.06
	-28.28	0.00010	(03040707)	0.00009	(03101303)	33.23
	54.45	0.00009	(03112805)	0.00008	(03040705)	30.41
	-31.82	0.00007	(03082104)	0.00007	(03091106)	24.75
	51.62	0.00006	(03121806)	0.00005	(03042003)	14.14
	-34.65	0.00004	(03020904)	0.00003	(03122504)	0.00
	48.79	0.00003	(03031006)	0.00003	(03122703)	-14.14
	-48.79	0.00002	(03121804)	0.00002	(03012803)	-28.28
	34.65	0.00002	(03040305)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 135  
 URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR 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 (YYMMDDHH) X-COORD (M)  
 Y-COORD (M) CONC (YYMMDDHH)

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

	120.21	21.21	0.00002	(03110108)	113.14
14.14	0.00002	(03010624)			
	106.07	7.07	0.00002	(03012322)	98.99
0.00	0.00003	(03050107)			
	91.92	-7.07	0.00003	(03032408)	84.85
-14.14	0.00003	(03030824)			
	77.78	-21.21	0.00004	(03030501)	70.71
-28.28	0.00005	(03042424)			
	67.18	-31.82	0.00006	(03021703)	63.64
-35.36	0.00007	(03102707)			
	61.52	-37.48	0.00008	(03011307)	60.10
-38.89	0.00008	(03040702)			
	58.69	-40.31	0.00009	(03022802)	57.28
-41.72	0.00010	(03051823)			
	55.86	-43.13	0.00010	(03112406)	43.13
-55.86	0.00010	(03040707)			
	41.72	-57.28	0.00010	(03101303)	40.31
-58.69	0.00009	(03010907)			
	38.89	-60.10	0.00008	(03021706)	37.48
-61.52	0.00008	(03082104)			
	35.36	-63.64	0.00007	(03091106)	31.82
-67.18	0.00006	(03092605)			
	28.28	-70.71	0.00005	(03042003)	21.21
-77.78	0.00004	(03020904)			
	14.14	-84.85	0.00003	(03111609)	7.07
-91.92	0.00003	(03121623)			
	0.00	-98.99	0.00003	(03121523)	-7.07
-106.07	0.00002	(03101705)			
	-14.14	-113.14	0.00002	(03121422)	-21.21
-120.21	0.00002	(03032324)			
	127.28	14.14	0.00002	(03102605)	120.21
7.07	0.00002	(03010624)			
	113.14	0.00	0.00002	(03052004)	106.07
-7.07	0.00003	(03121518)			
	98.99	-14.14	0.00003	(03011704)	91.92
-21.21	0.00004	(03091005)			
	84.85	-28.28	0.00004	(03111603)	77.78
-35.36	0.00005	(03042424)			
	74.25	-38.89	0.00006	(03041422)	70.71
-42.43	0.00007	(03102708)			
	68.59	-44.55	0.00008	(03011307)	67.18
-45.96	0.00008	(03040702)			
	65.76	-47.38	0.00009	(03022802)	64.35
-48.79	0.00010	(03022707)			
	62.93	-50.20	0.00011	(03112406)	50.20
-62.93	0.00011	(03082106)			
	48.79	-64.35	0.00010	(03052006)	47.38
-65.76	0.00009	(03010907)			
	45.96	-67.18	0.00008	(03032907)	44.55
-68.59	0.00008	(03082104)			
	42.43	-70.71	0.00007	(03032903)	38.89
-74.25	0.00006	(03040804)			
	35.36	-77.78	0.00005	(03062705)	28.28
-84.85	0.00004	(03101924)			
	21.21	-91.92	0.00004	(03122504)	14.14
-98.99	0.00003	(03112323)			
	7.07	-106.07	0.00003	(03031702)	0.00
-113.14	0.00002	(03010802)			
	-7.07	-120.21	0.00002	(03091104)	-14.14
-127.28	0.00002	(03102407)			
	134.35	7.07	0.00002	(03090506)	127.28
0.00	0.00002	(03092104)			

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW BOUND_CORRECTED					
-14.14	120.21	0.00003	-7.07 (03030424)	0.00002	(03081924) 113.14
-28.28	106.07	0.00004	-21.21 (03112507)	0.00003	(03081004) 98.99
-42.43	91.92	0.00005	-35.36 (03111006)	0.00004	(03122704) 84.85
-49.50	81.32	0.00007	-45.96 (03102708)	0.00006	(03041422) 77.78
-53.03	75.66	0.00008	-51.62 (03040702)	0.00008	(03121121) 74.25
-55.86	72.83	0.00010	-54.45 (03022707)	0.00009	(03022802) 71.42
-70.00	70.00	0.00011	-57.28 (03082106)	0.00011	(03112406) 57.28
-72.83	55.86	0.00009	-71.42 (03010907)	0.00010	(03052006) 54.45
-75.66	53.03	0.00008	-74.25 (03082104)	0.00008	(03032907) 51.62

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-81.32	49.50	0.00006	-77.78 (03092605)	45.96
-91.92	42.43	0.00004	-84.85 (03020109)	35.36
-106.07	28.28	0.00003	-98.99 (03120421)	21.21
-120.21	14.14	0.00002	-113.14 (03020908)	7.07
-134.35	0.00	0.00002	-127.28 (03091301)	-7.07
-7.07	141.42	0.00002	0.00 (03031624)	134.35
-21.21	127.28	0.00003	-14.14 (03051005)	120.21
-35.36	113.14	0.00004	-28.28 (03051903)	106.07
-49.50	98.99	0.00005	-42.43 (03112404)	91.92
-56.57	88.39	0.00007	-53.03 (03033006)	84.85
	82.73	0.00008	-58.69 (03031005)	81.32

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-60.10	0.00008	(03040702)			
79.90	-61.52		0.00009	(03022802)	78.49
-62.93	0.00010	(03022707)			
77.07	-64.35		0.00011	(03112406)	64.35
-77.07	0.00011	(03082106)			
62.93	-78.49		0.00010	(03052006)	61.52
-79.90	0.00009	(03012501)			
60.10	-81.32		0.00008	(03032907)	58.69
-82.73	0.00008	(03082104)			
56.57	-84.85		0.00007	(03032903)	53.03
-88.39	0.00006	(03030602)			
49.50	-91.92		0.00005	(03120324)	42.43
-98.99	0.00004	(03020109)			
35.36	-106.07		0.00004	(03022503)	28.28
-113.14	0.00003	(03110524)			
21.21	-120.21		0.00003	(03012824)	14.14
-127.28	0.00002	(03050503)			
7.07	-134.35		0.00002	(03030902)	0.00
-141.42	0.00002	(03091301)			
148.49	-7.07		0.00002	(03120707)	141.42
-14.14	0.00002	(03102722)			
134.35	-21.21		0.00002	(03042501)	127.28
-28.28	0.00003	(03111101)			
120.21	-35.36		0.00003	(03041407)	113.14
-42.43	0.00004	(03011705)			
106.07	-49.50		0.00004	(03091204)	98.99
-56.57	0.00005	(03112404)			
95.46	-60.10		0.00006	(03032407)	91.92
-63.64	0.00007	(03020822)			
89.80	-65.76		0.00008	(03031005)	88.39
-67.18	0.00008	(03040304)			
86.97	-68.59		0.00009	(03022802)	85.56
-70.00	0.00010	(03043004)			
84.15	-71.42		0.00011	(03112406)	71.42
-84.15	0.00011	(03082106)			
70.00	-85.56		0.00010	(03052006)	68.59
-86.97	0.00009	(03012501)			
67.18	-88.39		0.00008	(03111608)	65.76
-89.80	0.00008	(03082104)			
63.64	-91.92		0.00007	(03102721)	60.10
-95.46	0.00006	(03030602)			
56.57	-98.99		0.00005	(03120324)	49.50
-106.07	0.00004	(03062523)			
42.43	-113.14		0.00004	(03022503)	35.36
-120.21	0.00003	(03021207)			
28.28	-127.28		0.00003	(03031006)	21.21
-134.35	0.00002	(03122703)			
14.14	-141.42		0.00002	(03101705)	7.07
-148.49	0.00002	(03121422)			
155.56	-14.14		0.00002	(03081922)	148.49
-21.21	0.00002	(03041701)			
141.42	-28.28		0.00002	(03042503)	134.35
-35.36	0.00003	(03032408)			
127.28	-42.43		0.00003	(03030504)	120.21
-49.50	0.00004	(03092307)			
113.14	-56.57		0.00004	(03123109)	106.07
-63.64	0.00005	(03112404)			
102.53	-67.18		0.00006	(03032407)	98.99
-70.71	0.00007	(03011721)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts

06/13/08

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

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14: 51: 37

\*\*MODELOPTS:

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-74.25	96.87	-72.83	(03011604)	0.00008	(03031005)	95.46
-77.07	94.05	-75.66	(03043004)	0.00009	(03022802)	92.63
-91.22	91.22	-78.49	(03111303)	0.00011	(03112406)	78.49
-94.05	77.07	-92.63	(03012501)	0.00010	(03030404)	75.66
-96.87	74.25	-95.46	(03082104)	0.00008	(03111608)	72.83
-102.53	70.71	-98.99	(03040906)	0.00007	(03102721)	67.18
-113.14	63.64	-106.07	(03102603)	0.00005	(03120324)	56.57
-127.28	49.50	-120.21	(03021207)	0.00004	(03022503)	42.43
-141.42	35.36	-134.35	(03031702)	0.00003	(03121623)	28.28
-155.56	21.21	-148.49	(03091104)	0.00002	(03112804)	14.14
-28.28	162.63	-21.21	(03041701)	0.00002	(03092104)	155.56
-42.43	148.49	-35.36	(03092004)	0.00002	(03121518)	141.42
-56.57	134.35	-49.50	(03012806)	0.00003	(03090706)	127.28
-70.71	120.21	-63.64	(03022123)	0.00004	(03022209)	113.14
-77.78	109.60	-74.25	(03011721)	0.00006	(03032407)	106.07
-81.32	103.94	-79.90	(03040304)	0.00008	(03111801)	102.53
-84.15	101.12	-82.73	(03102422)	0.00009	(03050101)	99.70
-98.29	98.29	-85.56	(03111303)	0.00011	(03041702)	85.56
-101.12	84.15	-99.70	(03012501)	0.00010	(03030404)	82.73
-103.94	81.32	-102.53	(03102623)	0.00008	(03121222)	79.90
-109.60	77.78	-106.07	(03040906)	0.00007	(03102721)	74.25
	70.71	-113.14		0.00005	(03022723)	63.64

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-120.21	56.57	0.00004	(03120323)	0.00004	(03100306)	49.50
-134.35	42.43	0.00003	(03122504)	0.00003	(03112403)	35.36
-148.49	28.28	0.00002	(03092208)	0.00002	(03112804)	21.21
-162.63	169.71	0.00002	(03110323)	0.00002	(03122806)	162.63
-35.36	155.56	0.00002	(03051904)	0.00002	(03030424)	148.49
-49.50	141.42	0.00003	(03081004)	0.00003	(03112705)	134.35
-63.64	127.28	0.00004	(03012806)	0.00004	(03011707)	120.21
-77.78	116.67	0.00005	(03020823)	0.00006	(03032407)	113.14
-84.85	111.02	0.00007	(03011721)	0.00008	(03111801)	109.60
-88.39	108.19	0.00008	(03040304)	0.00009	(03050101)	106.77
-91.22	105.36	0.00010	(03102422)	0.00011	(03041702)	92.63
-105.36	91.22	0.00011	(03111303)	0.00010	(03020323)	89.80
-108.19	88.39	0.00009	(03101303)	0.00008	(03121222)	86.97
-111.02	84.85	0.00008	(03021706)	0.00007	(03102721)	81.32
-116.67	77.78	0.00006	(03040906)	0.00005	(03010905)	70.71
-127.28	63.64	0.00004	(03090505)	0.00004	(03100306)	56.57
-141.42	49.50	0.00003	(03122504)	0.00003	(03030423)	42.43
-155.56	35.36	0.00002	(03022807)	0.00002	(03122624)	28.28
-169.71		0.00002	(03121804)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37  
 \*\*MODELOPTs:

CONC URBAN FLAT FLGPOL DFAULT PAGE 138

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-42.43	176.78	0.00002	(03022808)	169.71

02_13NCRA_SR03-300_ACROLEIN_TRAV_1-HR_SE-NW_BOUND_CORRECTED					
	162.63	-49.50	0.00002	(03122507)	155.56
-56.57		0.00003 (03120521)			
	148.49	-63.64	0.00003	(03111706)	141.42
-70.71		0.00004 (03030501)			
	134.35	-77.78	0.00004	(03022209)	127.28
-84.85		0.00005 (03043003)			
	123.74	-88.39	0.00006	(03032407)	120.21
-91.92		0.00007 (03010908)			
	118.09	-94.05	0.00008	(03111801)	116.67
-95.46		0.00008 (03121803)			
	115.26	-96.87	0.00009	(03050101)	113.84
-98.29		0.00010 (03102422)			
	112.43	-99.70	0.00011	(03041702)	99.70
-112.43		0.00011 (03111303)			
	98.29	-113.84	0.00010	(03020323)	96.87
-115.26		0.00009 (03101303)			
	95.46	-116.67	0.00008	(03121222)	94.05
-118.09		0.00008 (03021706)			
	91.92	-120.21	0.00007	(03102721)	88.39
-123.74		0.00006 (03010502)			
	84.85	-127.28	0.00005	(03033003)	77.78
-134.35		0.00004 (03010704)			
	70.71	-141.42	0.00004	(03030904)	63.64
-148.49		0.00003 (03010104)			
	56.57	-155.56	0.00003	(03040522)	49.50
-162.63		0.00002 (03012824)			
	42.43	-169.71	0.00002	(03122703)	35.36
-176.78		0.00002 (03101705)			
	183.85	-42.43	0.00002	(03052004)	176.78
-49.50		0.00002 (03081921)			
	169.71	-56.57	0.00002	(03110408)	162.63
-63.64		0.00003 (03120521)			
	155.56	-70.71	0.00003	(03112507)	148.49
-77.78		0.00004 (03030501)			
	141.42	-84.85	0.00004	(03082506)	134.35
-91.92		0.00005 (03021703)			
	130.81	-95.46	0.00006	(03110601)	127.28
-98.99		0.00007 (03010908)			
	125.16	-101.12	0.00008	(03111801)	123.74
-102.53		0.00008 (03121803)			
	122.33	-103.94	0.00009	(03050101)	120.92
-105.36		0.00010 (03102422)			
	119.50	-106.77	0.00011	(03041702)	106.77
-119.50		0.00011 (03111303)			
	105.36	-120.92	0.00010	(03020323)	103.94
-122.33		0.00009 (03101303)			
	102.53	-123.74	0.00008	(03112805)	101.12
-125.16		0.00008 (03040705)			
	98.99	-127.28	0.00007	(03102721)	95.46
-130.81		0.00006 (03022722)			
	91.92	-134.35	0.00005	(03121806)	84.85
-141.42		0.00004 (03010704)			
	77.78	-148.49	0.00004	(03020904)	70.71
-155.56		0.00003 (03010104)			
	63.64	-162.63	0.00003	(03110524)	56.57
-169.71		0.00002 (03031006)			
	49.50	-176.78	0.00002	(03121523)	42.43
-183.85		0.00002 (03010802)			
	190.92	-49.50	0.00002	(03033005)	183.85
-56.57		0.00002 (03081921)			
	176.78	-63.64	0.00002	(03111101)	169.71
-70.71		0.00003 (03030504)			
	162.63	-77.78	0.00003	(03112507)	155.56

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-84.85	148.49	0.00004	(03090206)	0.00004	(03082506)	141.42
-98.99	137.89	0.00005	(03021703)	0.00006	(03110601)	134.35
-106.07	132.23	0.00007	(03010908)	0.00008	(03111801)	130.81
-109.60	129.40	0.00008	(03022802)	0.00009	(03050101)	127.99
-112.43	126.57	0.00010	(03102422)	0.00011	(03041702)	113.84
-126.57	112.43	0.00011	(03111303)	0.00010	(03020323)	111.02
-129.40	109.60	0.00009	(03101303)	0.00008	(03112805)	108.19
-132.23		0.00008	(03040705)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 139  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* 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	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-137.89	106.07	0.00007	(03082104)	102.53
-148.49	98.99	0.00006	(03022722)	91.92
-162.63	84.85	0.00004	(03010704)	77.78
-176.78	70.71	0.00003	(03010104)	63.64
-190.92	56.57	0.00002	(03121623)	49.50
-63.64	197.99	0.00002	(03010501)	190.92
-77.78	183.85	0.00002	(03121909)	176.78
-91.92	169.71	0.00003	(03030504)	162.63
-106.07	155.56	0.00004	(03090206)	148.49
-113.14	144.96	0.00005	(03012807)	141.42
-116.67	139.30	0.00006	(03110601)	137.89
-119.50	136.47	0.00007	(03040702)	135.06
		0.00008	(03022802)	
		0.00009	(03050101)	
		0.00010	(03010421)	

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-133.64	133.64	-120.92	0.00011	(03041702)	120.92
		(03111303)			
-136.47	119.50	-135.06	0.00010	(03020604)	118.09
		(03101303)			
-139.30	116.67	-137.89	0.00009	(03112805)	115.26
		(03032907)			
-144.96	113.14	-141.42	0.00007	(03082104)	109.60
		(03022722)			
-155.56	106.07	-148.49	0.00005	(03040804)	98.99
		(03042003)			
	91.92	-162.63	0.00004	(03012103)	84.85
-169.71		(03111024)			
	77.78	-176.78	0.00003	(03021207)	70.71
		(03121623)			
-183.85	63.64	-190.92	0.00002	(03031702)	56.57
		(03010501)			
-197.99	205.06	-63.64	0.00002	(03042503)	197.99
		(03051005)			
-70.71		-77.78	0.00002	(03051902)	183.85
-84.85	190.92	(03041407)			
	176.78	-91.92	0.00003	(03011705)	169.71
		(03090206)			
-98.99	162.63	-106.07	0.00004	(03012503)	155.56
		(03041422)			
-113.14	152.03	-116.67	0.00006	(03110601)	148.49
		(03011307)			
-120.21	146.37	-122.33	0.00008	(03040702)	144.96
		(03022802)			
-123.74	143.54	-125.16	0.00009	(03050101)	142.13
		(03010421)			
-126.57	140.71	-127.99	0.00011	(03041702)	127.99
		(03111303)			
-140.71	126.57	-142.13	0.00010	(03020604)	125.16
		(03101303)			
-143.54	123.74	-144.96	0.00009	(03112805)	122.33
		(03111608)			
-146.37	120.21	-148.49	0.00007	(03082104)	116.67
		(03022722)			
-152.03	113.14	-155.56	0.00005	(03040804)	106.07
		(03042003)			
-162.63	98.99	-169.71	0.00004	(03012103)	91.92
		(03111024)			
-176.78	84.85	-183.85	0.00003	(03021207)	77.78
		(03022308)			
-190.92	70.71	-197.99	0.00002	(03012824)	63.64
		(03111104)			
-205.06	212.13	-70.71	0.00002	(03042501)	205.06
		(03051005)			
-77.78	197.99	-84.85	0.00002	(03081004)	190.92
		(03030824)			
-91.92	183.85	-98.99	0.00003	(03092307)	176.78
		(03101524)			
-106.07	169.71	-113.14	0.00004	(03012503)	162.63
		(03041422)			
-120.21	159.10	-123.74	0.00006	(03102707)	155.56
		(03011307)			

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

O2\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M) CONC	(YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
-130.81	153.44	-129.40	(03022802)	0.00008	(03040702)	152.03
-133.64	150.61	-132.23	(03010421)	0.00009	(03050101)	149.20
-147.79	147.79	-135.06	(03111303)	0.00011	(03030805)	135.06
-150.61	133.64	-149.20	(03101303)	0.00010	(03020604)	132.23
-153.44	130.81	-152.03	(03111608)	0.00009	(03010907)	129.40
-159.10	127.28	-155.56	(03091106)	0.00007	(03082104)	123.74
-169.71	120.21	-162.63	(03042003)	0.00005	(03040804)	113.14
-183.85	106.07	-176.78	(03111024)	0.00004	(03051905)	98.99
-197.99	91.92	-190.92	(03022308)	0.00003	(03122504)	84.85
-212.13	77.78	-205.06	(03092208)	0.00002	(03031006)	70.71
-84.85	219.20	-77.78	(03111106)	0.00002	(03042503)	212.13
-98.99	205.06	-91.92	(03111706)	0.00002	(03120521)	197.99
-113.14	190.92	-106.07	(03101524)	0.00003	(03092307)	183.85
-127.28	176.78	-120.21	(03041422)	0.00004	(03042424)	169.71
-134.35	166.17	-130.81	(03011307)	0.00006	(03110601)	162.63
-137.89	160.51	-136.47	(03022802)	0.00008	(03040702)	159.10
-140.71	157.68	-139.30	(03012324)	0.00009	(03050101)	156.27
-154.86	154.86	-142.13	(03111303)	0.00011	(03030805)	142.13
-157.68	140.71	-156.27	(03101303)	0.00010	(03011523)	139.30
-160.51	137.89	-159.10	(03111608)	0.00009	(03010907)	136.47
-166.17	134.35	-162.63	(03091106)	0.00007	(03082104)	130.81
-176.78	127.28	-169.71	(03042003)	0.00005	(03040804)	120.21
-190.92	113.14	-183.85	(03022503)	0.00004	(03051905)	106.07

O2\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-205.06	98.99	0.00002	(03120421)	0.00003	(03010104)	91.92
-219.20	84.85	0.00002	(03031702)	0.00002	(03031006)	77.78
-91.92	226.27	0.00002	(03111106)	0.00002	(03030424)	219.20
-106.07	212.13	0.00003	(03120308)	0.00002	(03120521)	205.06
-120.21	197.99	0.00004	(03101524)	0.00003	(03012806)	190.92
-134.35	183.85	0.00005	(03032407)	0.00004	(03042424)	176.78
-141.42	173.24	0.00007	(03011307)	0.00006	(03102707)	169.71
-144.96	167.58	0.00009	(03022802)	0.00008	(03040304)	166.17
-147.79	164.76	0.00010	(03012324)	0.00009	(03051823)	163.34
-161.93	161.93	0.00011	(03111303)	0.00011	(03030805)	149.20
-164.76	147.79	0.00009	(03101303)	0.00010	(03011523)	146.37
-167.58	144.96	0.00008	(03111608)	0.00009	(03012501)	143.54
-173.24	141.42	0.00006	(03091106)	0.00007	(03082104)	137.89
-183.85	134.35	0.00004	(03042003)	0.00005	(03030602)	127.28
-197.99	120.21	0.00003	(03100306)	0.00004	(03051905)	113.14
-212.13	106.07	0.00002	(03040522)	0.00003	(03122504)	98.99
-226.27	91.92	0.00002	(03022807)	0.00002	(03112403)	84.85

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 141  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-98.99	233.35	0.00002	(03030424)	226.27
-113.14	219.20	0.00002	(03030524)	212.13
	205.06	0.00003	(03030109)	197.99

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-127.28	0.00004	(03123109)			
190.92	-134.35		0.00004	(03111006)	183.85
-141.42	0.00005	(03032407)			
180.31	-144.96		0.00006	(03102707)	176.78
-148.49	0.00007	(03011307)			
174.66	-150.61		0.00008	(03011604)	173.24
-152.03	0.00009	(03022802)			
171.83	-153.44		0.00009	(03051823)	170.41
-154.86	0.00010	(03012324)			
169.00	-156.27		0.00011	(03030805)	156.27
-169.00	0.00011	(03111303)			
154.86	-170.41		0.00010	(03040707)	153.44
-171.83	0.00009	(03052006)			
152.03	-173.24		0.00009	(03010907)	150.61
-174.66	0.00008	(03111608)			
148.49	-176.78		0.00007	(03082104)	144.96
-180.31	0.00006	(03032903)			
141.42	-183.85		0.00005	(03030804)	134.35
-190.92	0.00004	(03062705)			
127.28	-197.99		0.00004	(03102603)	120.21
-205.06	0.00003	(03030904)			
113.14	-212.13		0.00003	(03010104)	106.07
-219.20	0.00002	(03120421)			
98.99	-226.27		0.00002	(03030705)	91.92
-233.35	0.00002	(03022807)			
240.42	-98.99		0.00002	(03040307)	233.35
-106.07	0.00002	(03032408)			
226.27	-113.14		0.00002	(03041407)	219.20
-120.21	0.00003	(03051903)			
212.13	-127.28		0.00003	(03080804)	205.06
-134.35	0.00004	(03011707)			
197.99	-141.42		0.00004	(03042424)	190.92
-148.49	0.00006	(03032407)			
187.38	-152.03		0.00006	(03102707)	183.85
-155.56	0.00007	(03031005)			
181.73	-157.68		0.00008	(03040304)	180.31
-159.10	0.00009	(03022802)			
178.90	-160.51		0.00009	(03022707)	177.48
-161.93	0.00010	(03012324)			
176.07	-163.34		0.00011	(03030805)	163.34
-176.07	0.00011	(03111303)			
161.93	-177.48		0.00010	(03040707)	160.51
-178.90	0.00009	(03052006)			
159.10	-180.31		0.00009	(03012501)	157.68
-181.73	0.00008	(03121222)			
155.56	-183.85		0.00007	(03082104)	152.03
-187.38	0.00006	(03091106)			
148.49	-190.92		0.00006	(03030602)	141.42
-197.99	0.00004	(03062705)			
134.35	-205.06		0.00004	(03090505)	127.28
-212.13	0.00003	(03030904)			
120.21	-219.20		0.00003	(03010104)	113.14
-226.27	0.00002	(03021207)			
106.07	-233.35		0.00002	(03121623)	98.99
-240.42	0.00002	(03022807)			
247.49	-106.07		0.00002	(03122507)	240.42
-113.14	0.00002	(03032408)			
233.35	-120.21		0.00003	(03041407)	226.27
-127.28	0.00003	(03112507)			
219.20	-134.35		0.00003	(03080804)	212.13
-141.42	0.00004	(03123109)			
205.06	-148.49		0.00004	(03101703)	197.99
-155.56	0.00006	(03032407)			

02\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

-162.63	194.45	0.00007	(03031005)	0.00006	(03102708)	190.92
-166.17	188.80	0.00009	(03022802)	0.00008	(03040304)	187.38
-169.00	185.97	0.00010	(03112406)	0.00009	(03022707)	184.55
-183.14	183.14	0.00011	(03082407)	0.00011	(03111102)	170.41
-185.97	169.00	0.00009	(03052006)	0.00010	(03040707)	167.58
-188.80	166.17	0.00008	(03121222)	0.00009	(03012501)	164.76

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 142  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 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	(YMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YMMDDHH)		
-194.45	162.63	0.00006	(03032903)	159.10
-205.06	155.56	0.00004	(03062705)	148.49
-219.20	141.42	0.00003	(03030904)	134.35
-233.35	127.28	0.00003	(03021207)	120.21
-247.49	113.14	0.00002	(03012824)	106.07

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 14:51:37

Direction  
 \*\*MODELOPTs:

PAGE 143  
 CONC URBAN FLAT FLGPOL DFAULT

RESULTS \*\*\*  
 \*\*\* THE SUMMARY OF HIGHEST 1-HR

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

DATE

02\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_1-HR\_SE-NW BOUND\_CORRECTED

GROUP ID (XR, YR, ZELEV, ZFLAG)	NETWORK AVERAGE CONC GRID-ID	OF TYPE	(YYMMDDHH)	RECEPTOR
NCRA_S1 -176.07,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00007	ON 03082104:	AT ( 163.34,
NCRA_S2 -112.43,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00007	ON 03082104:	AT ( 99.70,
NCRA_S3 -48.79,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00007	ON 03082104:	AT ( 36.06,
NCRA_S4 14.85,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00007	ON 03082104:	AT ( -27.58,
NCRA_S5 78.49,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00007	ON 03082104:	AT ( -91.22,
ALL 163.34,	HIGH 1ST HIGH VALUE IS 0.00, 1.20) DC	0.00011	ON 03021005:	AT ( -176.07,

\*\*\* RECEPTOR TYPES: GC = GRI DCART  
 GP = GRI DPOLR  
 DC = DI SCCART  
 DP = DI SCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative 1-Hr Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 14:51:37

\*\*MODELOPTs:

CONC PAGE 144  
 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 13 Informational Message(s)  
 A Total of 13 Calm Hours Identified

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

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

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