

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:23:07

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

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

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

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

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2001

ME UAIRDATA 4901 2001

ME STARTEND 2001 01 01 1 2001 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

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

**Model Uses URBAN Dispersion.

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

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

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

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

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

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/20/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2,	21.2,	0.0,	1.2);	(-113.1,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-99.0,	0.0,	0.0,	1.2);
(-91.9,	-7.1,	0.0,	1.2);	(-84.8,	-14.1,	0.0,	1.2);
(-77.8,	-21.2,	0.0,	1.2);	(-70.7,	-28.3,	0.0,	1.2);
(-67.2,	-31.8,	0.0,	1.2);	(-63.6,	-35.4,	0.0,	1.2);
(-61.5,	-37.5,	0.0,	1.2);	(-60.1,	-38.9,	0.0,	1.2);
(-58.7,	-40.3,	0.0,	1.2);	(-57.3,	-41.7,	0.0,	1.2);
(-55.9,	-43.1,	0.0,	1.2);	(-43.1,	-55.9,	0.0,	1.2);
(-41.7,	-57.3,	0.0,	1.2);	(-40.3,	-58.7,	0.0,	1.2);
(-38.9,	-60.1,	0.0,	1.2);	(-37.5,	-61.5,	0.0,	1.2);
(-35.4,	-63.6,	0.0,	1.2);	(-31.8,	-67.2,	0.0,	1.2);
(-28.3,	-70.7,	0.0,	1.2);	(-21.2,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(7.1,	-106.1,	0.0,	1.2);
(14.1,	-113.1,	0.0,	1.2);	(21.2,	-120.2,	0.0,	1.2);
(-113.1,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-99.0,	14.1,	0.0,	1.2);	(-91.9,	7.1,	0.0,	1.2);
(-84.8,	0.0,	0.0,	1.2);	(-77.8,	-7.1,	0.0,	1.2);
(-70.7,	-14.1,	0.0,	1.2);	(-63.6,	-21.2,	0.0,	1.2);
(-60.1,	-24.8,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-54.5,	-30.4,	0.0,	1.2);	(-53.0,	-31.8,	0.0,	1.2);
(-51.6,	-33.2,	0.0,	1.2);	(-50.2,	-34.7,	0.0,	1.2);
(-48.8,	-36.1,	0.0,	1.2);	(-36.1,	-48.8,	0.0,	1.2);
(-34.7,	-50.2,	0.0,	1.2);	(-33.2,	-51.6,	0.0,	1.2);
(-31.8,	-53.0,	0.0,	1.2);	(-30.4,	-54.5,	0.0,	1.2);
(-28.3,	-56.6,	0.0,	1.2);	(-24.8,	-60.1,	0.0,	1.2);
(-21.2,	-63.6,	0.0,	1.2);	(-14.1,	-70.7,	0.0,	1.2);
(-7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(7.1,	-91.9,	0.0,	1.2);	(14.1,	-99.0,	0.0,	1.2);
(21.2,	-106.1,	0.0,	1.2);	(28.3,	-113.1,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-99.0,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-84.8,	14.1,	0.0,	1.2);
(-77.8,	7.1,	0.0,	1.2);	(-70.7,	0.0,	0.0,	1.2);
(-63.6,	-7.1,	0.0,	1.2);	(-56.6,	-14.1,	0.0,	1.2);
(-53.0,	-17.7,	0.0,	1.2);	(-49.5,	-21.2,	0.0,	1.2);
(-47.4,	-23.3,	0.0,	1.2);	(-46.0,	-24.8,	0.0,	1.2);
(-44.5,	-26.2,	0.0,	1.2);	(-43.1,	-27.6,	0.0,	1.2);
(-41.7,	-29.0,	0.0,	1.2);	(-29.0,	-41.7,	0.0,	1.2);
(-27.6,	-43.1,	0.0,	1.2);	(-26.2,	-44.5,	0.0,	1.2);
(-24.8,	-46.0,	0.0,	1.2);	(-23.3,	-47.4,	0.0,	1.2);
(-21.2,	-49.5,	0.0,	1.2);	(-17.7,	-53.0,	0.0,	1.2);
(-14.1,	-56.6,	0.0,	1.2);	(-7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(7.1,	-77.8,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/20/08

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/20/08

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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URBAN FLAT FLGPOL DFAULT

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00015	-163.34	-147.79	0.00015
-161.93	-149.20	0.00015	-149.20	-161.93	0.00015
-147.79	-163.34	0.00015	-146.37	-164.76	0.00015
-144.96	-166.17	0.00015	-143.54	-167.58	0.00015
-141.42	-169.71	0.00015	-137.89	-173.24	0.00015
-134.35	-176.78	0.00015	-127.28	-183.85	0.00015
-120.21	-190.92	0.00015	-113.14	-197.99	0.00015
-106.07	-205.06	0.00015	-98.99	-212.13	0.00014
-91.92	-219.20	0.00014	-84.85	-226.27	0.00014
-219.20	-77.78	0.00016	-212.13	-84.85	0.00016
-205.06	-91.92	0.00016	-197.99	-99.00	0.00016
-190.92	-106.07	0.00016	-183.85	-113.14	0.00016
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00016
-160.51	-136.47	0.00016	-159.10	-137.89	0.00016
-157.68	-139.30	0.00016	-156.27	-140.71	0.00016
-154.86	-142.13	0.00016	-142.13	-154.86	0.00016
-140.71	-156.27	0.00016	-139.30	-157.68	0.00016
-137.89	-159.10	0.00016	-136.47	-160.51	0.00016
-134.35	-162.63	0.00016	-130.81	-166.17	0.00016
-127.28	-169.71	0.00016	-120.21	-176.78	0.00016
-113.14	-183.85	0.00015	-106.07	-190.92	0.00015
-98.99	-197.99	0.00015	-91.92	-205.06	0.00015
-84.85	-212.13	0.00015	-77.78	-219.20	0.00015
-212.13	-70.71	0.00016	-205.06	-77.78	0.00017
-197.99	-84.85	0.00017	-190.92	-91.92	0.00017
-183.85	-98.99	0.00017	-176.78	-106.07	0.00017
-169.71	-113.14	0.00017	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

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

18:23:07
 **MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00017	-152.03	-130.81	0.00017
-150.61	-132.23	0.00017	-149.20	-133.64	0.00017
-147.79	-135.06	0.00017	-135.06	-147.79	0.00017
-133.64	-149.20	0.00017	-132.23	-150.61	0.00016
-130.81	-152.03	0.00016	-129.40	-153.44	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00019	-183.85	-56.57	0.00019
-176.78	-63.64	0.00019	-169.71	-70.71	0.00020
-162.63	-77.78	0.00020	-155.56	-84.85	0.00020
-148.49	-91.92	0.00020	-141.42	-98.99	0.00020
-137.89	-102.53	0.00020	-134.35	-106.07	0.00020
-132.23	-108.19	0.00020	-130.81	-109.60	0.00019
-129.40	-111.02	0.00019	-127.99	-112.43	0.00019
-126.57	-113.84	0.00019	-113.84	-126.57	0.00019
-112.43	-127.99	0.00019	-111.02	-129.40	0.00019
-109.60	-130.81	0.00019	-108.19	-132.23	0.00019
-106.07	-134.35	0.00019	-102.53	-137.89	0.00019
-98.99	-141.42	0.00019	-91.92	-148.49	0.00019
-84.85	-155.56	0.00019	-77.78	-162.63	0.00019
-70.71	-169.71	0.00018	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00018
-183.85	-42.43	0.00019	-176.78	-49.50	0.00020
-169.71	-56.57	0.00020	-162.63	-63.64	0.00021
-155.56	-70.71	0.00021	-148.49	-77.78	0.00021
-141.42	-84.85	0.00021	-134.35	-91.92	0.00021
-130.81	-95.46	0.00021	-127.28	-98.99	0.00021
-125.16	-101.12	0.00021	-123.74	-102.53	0.00021
-122.33	-103.94	0.00021	-120.92	-105.36	0.00020
-119.50	-106.77	0.00020	-106.77	-119.50	0.00020
-105.36	-120.92	0.00020	-103.94	-122.33	0.00020
-102.53	-123.74	0.00020	-101.12	-125.16	0.00020
-98.99	-127.28	0.00020	-95.46	-130.81	0.00020
-91.92	-134.35	0.00020	-84.85	-141.42	0.00020
-77.78	-148.49	0.00020	-70.71	-155.56	0.00020
-63.64	-162.63	0.00019	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00019
-176.78	-35.36	0.00020	-169.71	-42.43	0.00021
-162.63	-49.50	0.00021	-155.56	-56.57	0.00022
-148.49	-63.64	0.00022	-141.42	-70.71	0.00022
-134.35	-77.78	0.00022	-127.28	-84.85	0.00022
-123.74	-88.39	0.00022	-120.21	-91.92	0.00022
-118.09	-94.05	0.00022	-116.67	-95.46	0.00022
-115.26	-96.87	0.00022	-113.84	-98.29	0.00022
-112.43	-99.70	0.00022	-99.70	-112.43	0.00021
-98.29	-113.84	0.00021	-96.87	-115.26	0.00021
-95.46	-116.67	0.00021	-94.05	-118.09	0.00021

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00021	-88.39	-123.74	0.00021
-84.85	-127.28	0.00021	-77.78	-134.35	0.00021
-70.71	-141.42	0.00021	-63.64	-148.49	0.00021
-56.57	-155.56	0.00020	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00019
-169.71	-28.28	0.00021	-162.63	-35.36	0.00022
-155.56	-42.43	0.00023	-148.49	-49.50	0.00023
-141.42	-56.57	0.00023	-134.35	-63.64	0.00023
-127.28	-70.71	0.00023	-120.21	-77.78	0.00023
-116.67	-81.32	0.00023	-113.14	-84.85	0.00023
-111.02	-86.97	0.00023	-109.60	-88.39	0.00023
-108.19	-89.80	0.00023	-106.77	-91.22	0.00023
-105.36	-92.63	0.00023	-92.63	-105.36	0.00023
-91.22	-106.77	0.00023	-89.80	-108.19	0.00023
-88.39	-109.60	0.00023	-86.97	-111.02	0.00022
-84.85	-113.14	0.00022	-81.32	-116.67	0.00022
-77.78	-120.21	0.00022	-70.71	-127.28	0.00022
-63.64	-134.35	0.00022	-56.57	-141.42	0.00022
-49.50	-148.49	0.00022	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00020
-162.63	-21.21	0.00022	-155.56	-28.28	0.00023
-148.49	-35.36	0.00024	-141.42	-42.43	0.00024
-134.35	-49.50	0.00025	-127.28	-56.57	0.00025
-120.21	-63.64	0.00025	-113.14	-70.71	0.00025
-109.60	-74.25	0.00025	-106.07	-77.78	0.00024
-103.94	-79.90	0.00024	-102.53	-81.32	0.00024
-101.12	-82.73	0.00024	-99.70	-84.15	0.00024
-98.29	-85.56	0.00024	-85.56	-98.29	0.00024
-84.15	-99.70	0.00024	-82.73	-101.12	0.00024
-81.32	-102.53	0.00024	-79.90	-103.94	0.00024
-77.78	-106.07	0.00024	-74.25	-109.60	0.00024
-70.71	-113.14	0.00024	-63.64	-120.21	0.00023
-56.57	-127.28	0.00023	-49.50	-134.35	0.00023
-42.43	-141.42	0.00023	-35.36	-148.49	0.00022
-28.28	-155.56	0.00022	-21.21	-162.63	0.00022
-155.56	-14.14	0.00023	-148.49	-21.21	0.00024
-141.42	-28.28	0.00025	-134.35	-35.36	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-42.43	0.00026	-120.21	-49.50	0.00026
-113.14	-56.57	0.00026	-106.07	-63.64	0.00026
-102.53	-67.18	0.00026	-98.99	-70.71	0.00026

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00026	-95.46	-74.25	0.00026
-94.05	-75.66	0.00026	-92.63	-77.07	0.00026
-91.22	-78.49	0.00026	-78.49	-91.22	0.00025
-77.07	-92.63	0.00025	-75.66	-94.05	0.00025
-74.25	-95.46	0.00025	-72.83	-96.87	0.00025
-70.71	-98.99	0.00025	-67.18	-102.53	0.00025
-63.64	-106.07	0.00025	-56.57	-113.14	0.00025
-49.50	-120.21	0.00025	-42.43	-127.28	0.00024
-35.36	-134.35	0.00024	-28.28	-141.42	0.00024
-21.21	-148.49	0.00023	-14.14	-155.56	0.00023
-148.49	-7.07	0.00024	-141.42	-14.14	0.00025
-134.35	-21.21	0.00026	-127.28	-28.28	0.00027
-120.21	-35.36	0.00028	-113.14	-42.43	0.00028
-106.07	-49.50	0.00028	-98.99	-56.57	0.00028
-95.46	-60.10	0.00028	-91.92	-63.64	0.00028
-89.80	-65.76	0.00028	-88.39	-67.18	0.00028
-86.97	-68.59	0.00028	-85.56	-70.00	0.00027
-84.15	-71.42	0.00027	-71.42	-84.15	0.00027
-70.00	-85.56	0.00027	-68.59	-86.97	0.00027
-67.18	-88.39	0.00027	-65.76	-89.80	0.00027
-63.64	-91.92	0.00027	-60.10	-95.46	0.00027
-56.57	-98.99	0.00027	-49.50	-106.07	0.00026
-42.43	-113.14	0.00026	-35.36	-120.21	0.00026
-28.28	-127.28	0.00026	-21.21	-134.35	0.00025
-14.14	-141.42	0.00025	-7.07	-148.49	0.00024
-141.42	0.00	0.00025	-134.35	-7.07	0.00027
-127.28	-14.14	0.00028	-120.21	-21.21	0.00029
-113.14	-28.28	0.00029	-106.07	-35.36	0.00030
-98.99	-42.43	0.00030	-91.92	-49.50	0.00030
-88.39	-53.03	0.00030	-84.85	-56.57	0.00030
-82.73	-58.69	0.00029	-81.32	-60.10	0.00029

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00029	-78.49	-62.93	0.00029
-77.07	-64.35	0.00029	-64.35	-77.07	0.00029
-62.93	-78.49	0.00029	-61.52	-79.90	0.00029
-60.10	-81.32	0.00029	-58.69	-82.73	0.00029
-56.57	-84.85	0.00029	-53.03	-88.39	0.00029
-49.50	-91.92	0.00028	-42.43	-98.99	0.00028
-35.36	-106.07	0.00028	-28.28	-113.14	0.00028
-21.21	-120.21	0.00027	-14.14	-127.28	0.00027
-7.07	-134.35	0.00026	0.00	-141.42	0.00025

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

18:23:07
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00026	-127.28	0.00	0.00028
-120.21	-7.07	0.00029	-113.14	-14.14	0.00030
-106.07	-21.21	0.00031	-98.99	-28.28	0.00032
-91.92	-35.36	0.00032	-84.85	-42.43	0.00032
-81.32	-45.96	0.00032	-77.78	-49.50	0.00032
-75.66	-51.62	0.00032	-74.25	-53.03	0.00031
-72.83	-54.45	0.00031	-71.42	-55.86	0.00031
-70.00	-57.28	0.00031	-57.28	-70.00	0.00031
-55.86	-71.42	0.00031	-54.45	-72.83	0.00031
-53.03	-74.25	0.00031	-51.62	-75.66	0.00031
-49.50	-77.78	0.00031	-45.96	-81.32	0.00030
-42.43	-84.85	0.00030	-35.36	-91.92	0.00030
-28.28	-98.99	0.00030	-21.21	-106.07	0.00029
-14.14	-113.14	0.00029	-7.07	-120.21	0.00028
0.00	-127.28	0.00027	7.07	-134.35	0.00027
-127.28	14.14	0.00027	-120.21	7.07	0.00029
-113.14	0.00	0.00031	-106.07	-7.07	0.00032
-98.99	-14.14	0.00033	-91.92	-21.21	0.00034
-84.85	-28.28	0.00034	-77.78	-35.36	0.00034
-74.25	-38.89	0.00034	-70.71	-42.43	0.00034
-68.59	-44.55	0.00034	-67.18	-45.96	0.00034
-65.76	-47.38	0.00034	-64.35	-48.79	0.00034
-62.93	-50.20	0.00034	-50.20	-62.93	0.00033
-48.79	-64.35	0.00033	-47.38	-65.76	0.00033
-45.96	-67.18	0.00033	-44.55	-68.59	0.00033

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00033	-38.89	-74.25	0.00033
-35.36	-77.78	0.00032	-28.28	-84.85	0.00032
-21.21	-91.92	0.00032	-14.14	-98.99	0.00031
-7.07	-106.07	0.00031	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00028
-120.21	21.21	0.00028	-113.14	14.14	0.00030
-106.07	7.07	0.00033	-98.99	0.00	0.00034
-91.92	-7.07	0.00036	-84.85	-14.14	0.00036
-77.78	-21.21	0.00037	-70.71	-28.28	0.00037
-67.18	-31.82	0.00037	-63.64	-35.36	0.00036
-61.52	-37.48	0.00036	-60.10	-38.89	0.00036
-58.69	-40.31	0.00036	-57.28	-41.72	0.00036
-55.86	-43.13	0.00036	-43.13	-55.86	0.00036
-41.72	-57.28	0.00035	-40.31	-58.69	0.00035
-38.89	-60.10	0.00035	-37.48	-61.52	0.00035

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

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

18:23:07
 **MODELOPTs:
 PAGE 30

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00035	-31.82	-67.18	0.00035
-28.28	-70.71	0.00035	-21.21	-77.78	0.00034
-14.14	-84.85	0.00034	-7.07	-91.92	0.00034
0.00	-98.99	0.00033	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00030
-113.14	28.28	0.00029	-106.07	21.21	0.00032
-98.99	14.14	0.00034	-91.92	7.07	0.00036
-84.85	0.00	0.00038	-77.78	-7.07	0.00039
-70.71	-14.14	0.00040	-63.64	-21.21	0.00040
-60.10	-24.75	0.00039	-56.57	-28.28	0.00039
-54.45	-30.41	0.00039	-53.03	-31.82	0.00039
-51.62	-33.23	0.00039	-50.20	-34.65	0.00039
-48.79	-36.06	0.00039	-36.06	-48.79	0.00038
-34.65	-50.20	0.00038	-33.23	-51.62	0.00038
-31.82	-53.03	0.00038	-30.41	-54.45	0.00038
-28.28	-56.57	0.00038	-24.75	-60.10	0.00038
-21.21	-63.64	0.00038	-14.14	-70.71	0.00037
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00032
-106.07	35.36	0.00030	-98.99	28.28	0.00033
-91.92	21.21	0.00036	-84.85	14.14	0.00039
-77.78	7.07	0.00041	-70.71	0.00	0.00042
-63.64	-7.07	0.00043	-56.57	-14.14	0.00043
-53.03	-17.68	0.00043	-49.50	-21.21	0.00043
-47.38	-23.33	0.00042	-45.96	-24.75	0.00042
-44.55	-26.16	0.00042	-43.13	-27.58	0.00042
-41.72	-28.99	0.00042	-28.99	-41.72	0.00041
-27.58	-43.13	0.00041	-26.16	-44.55	0.00041
-24.75	-45.96	0.00041	-23.33	-47.38	0.00041
-21.21	-49.50	0.00041	-17.68	-53.03	0.00041
-14.14	-56.57	0.00041	-7.07	-63.64	0.00040
0.00	-70.71	0.00039	7.07	-77.78	0.00039
14.14	-84.85	0.00038	21.21	-91.92	0.00036
28.28	-98.99	0.00035	35.36	-106.07	0.00033
-98.99	42.43	0.00031	-91.92	35.36	0.00035
-84.85	28.28	0.00038	-77.78	21.21	0.00041
-70.71	14.14	0.00044	-63.64	7.07	0.00045
-56.57	0.00	0.00046	-49.50	-7.07	0.00046
-45.96	-10.61	0.00046	-42.43	-14.14	0.00046

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

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

18:23:07

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00046	-38.89	-17.68	0.00046
-37.48	-19.09	0.00046	-36.06	-20.51	0.00046
-34.65	-21.92	0.00046	-21.92	-34.65	0.00045
-20.51	-36.06	0.00045	-19.09	-37.48	0.00045
-17.68	-38.89	0.00045	-16.26	-40.31	0.00045
-14.14	-42.43	0.00044	-10.61	-45.96	0.00044
-7.07	-49.50	0.00044	0.00	-56.57	0.00043
7.07	-63.64	0.00043	14.14	-70.71	0.00042
21.21	-77.78	0.00040	28.28	-84.85	0.00039
35.36	-91.92	0.00037	42.43	-98.99	0.00035
-91.92	49.50	0.00033	-84.85	42.43	0.00036
-77.78	35.36	0.00040	-70.71	28.28	0.00044
-63.64	21.21	0.00047	-56.57	14.14	0.00049

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00050	-42.43	0.00	0.00051
-38.89	-3.54	0.00051	-35.36	-7.07	0.00050
-33.23	-9.19	0.00050	-31.82	-10.61	0.00050
-30.41	-12.02	0.00050	-28.99	-13.44	0.00050
-27.58	-14.85	0.00050	-14.85	-27.58	0.00049
-13.44	-28.99	0.00049	-12.02	-30.41	0.00049
-10.61	-31.82	0.00049	-9.19	-33.23	0.00049
-7.07	-35.36	0.00048	-3.54	-38.89	0.00048
0.00	-42.43	0.00048	7.07	-49.50	0.00047
14.14	-56.57	0.00046	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00042
42.43	-84.85	0.00040	49.50	-91.92	0.00038
-84.85	56.57	0.00034	-77.78	49.50	0.00038
-70.71	42.43	0.00042	-63.64	35.36	0.00046
-56.57	28.28	0.00050	-49.50	21.21	0.00053
-42.43	14.14	0.00055	-35.36	7.07	0.00055
-31.82	3.54	0.00055	-28.28	0.00	0.00055
-26.16	-2.12	0.00055	-24.75	-3.54	0.00055
-23.33	-4.95	0.00055	-21.92	-6.36	0.00055
-20.51	-7.78	0.00055	-7.78	-20.51	0.00053
-6.36	-21.92	0.00053	-4.95	-23.33	0.00053
-3.54	-24.75	0.00053	-2.12	-26.16	0.00053
0.00	-28.28	0.00053	3.54	-31.82	0.00053
7.07	-35.36	0.00052	14.14	-42.43	0.00051
21.21	-49.50	0.00050	28.28	-56.57	0.00049
35.36	-63.64	0.00047	42.43	-70.71	0.00045
49.50	-77.78	0.00042	56.57	-84.85	0.00040

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00035	-70.71	56.57	0.00039
-63.64	49.50	0.00044	-56.57	42.43	0.00049
-49.50	35.36	0.00054	-42.43	28.28	0.00057
-35.36	21.21	0.00060	-28.28	14.14	0.00061
-24.75	10.61	0.00061	-21.21	7.07	0.00061
-19.09	4.95	0.00061	-17.68	3.54	0.00060
-16.26	2.12	0.00060	-14.85	0.71	0.00060

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00060	-0.71	-13.44	0.00059
0.71	-14.85	0.00059	2.12	-16.26	0.00058
3.54	-17.68	0.00058	4.95	-19.09	0.00058
7.07	-21.21	0.00058	10.61	-24.75	0.00058
14.14	-28.28	0.00057	21.21	-35.36	0.00056
28.28	-42.43	0.00055	35.36	-49.50	0.00053
42.43	-56.57	0.00051	49.50	-63.64	0.00048
56.57	-70.71	0.00045	63.64	-77.78	0.00042
-70.71	70.71	0.00036	-63.64	63.64	0.00041
-56.57	56.57	0.00046	-49.50	49.50	0.00052
-42.43	42.43	0.00057	-35.36	35.36	0.00062
-28.28	28.28	0.00066	-21.21	21.21	0.00067
-17.68	17.68	0.00067	-14.14	14.14	0.00067
-12.02	12.02	0.00067	-10.61	10.61	0.00067
-9.19	9.19	0.00067	-7.78	7.78	0.00067
-6.36	6.36	0.00066	6.36	-6.36	0.00065
7.78	-7.78	0.00065	9.19	-9.19	0.00065
10.61	-10.61	0.00064	12.02	-12.02	0.00064
14.14	-14.14	0.00064	17.68	-17.68	0.00064
21.21	-21.21	0.00063	28.28	-28.28	0.00062
35.36	-35.36	0.00060	42.43	-42.43	0.00058
49.50	-49.50	0.00055	56.57	-56.57	0.00052
63.64	-63.64	0.00048	70.71	-70.71	0.00045
-63.64	77.78	0.00037	-56.57	70.71	0.00042
-49.50	63.64	0.00048	-42.43	56.57	0.00055
-35.36	49.50	0.00061	-28.28	42.43	0.00068
-21.21	35.36	0.00072	-14.14	28.28	0.00074
-10.61	24.75	0.00075	-7.07	21.21	0.00075
-4.95	19.09	0.00074	-3.54	17.68	0.00074
-2.12	16.26	0.00074	-0.71	14.85	0.00074
0.71	13.44	0.00074	13.44	0.71	0.00072
14.85	-0.71	0.00072	16.26	-2.12	0.00072
17.68	-3.54	0.00071	19.09	-4.95	0.00071

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00071	24.75	-10.61	0.00070

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00070	35.36	-21.21	0.00068
42.43	-28.28	0.00066	49.50	-35.36	0.00063
56.57	-42.43	0.00059	63.64	-49.50	0.00056
70.71	-56.57	0.00052	77.78	-63.64	0.00048
-56.57	84.85	0.00038	-49.50	77.78	0.00043
-42.43	70.71	0.00050	-35.36	63.64	0.00057
-28.28	56.57	0.00065	-21.21	49.50	0.00073
-14.14	42.43	0.00079	-7.07	35.36	0.00083
-3.54	31.82	0.00083	0.00	28.28	0.00083
2.12	26.16	0.00083	3.54	24.75	0.00083
4.95	23.33	0.00083	6.36	21.92	0.00083
7.78	20.51	0.00082	20.51	7.78	0.00080
21.92	6.36	0.00080	23.33	4.95	0.00080
24.75	3.54	0.00080	26.16	2.12	0.00079
28.28	0.00	0.00079	31.82	-3.54	0.00078
35.36	-7.07	0.00078	42.43	-14.14	0.00076
49.50	-21.21	0.00073	56.57	-28.28	0.00069
63.64	-35.36	0.00064	70.71	-42.43	0.00060
77.78	-49.50	0.00055	84.85	-56.57	0.00051
-49.50	91.92	0.00039	-42.43	84.85	0.00045
-35.36	77.78	0.00052	-28.28	70.71	0.00060
-21.21	63.64	0.00069	-14.14	56.57	0.00079
-7.07	49.50	0.00087	0.00	42.43	0.00092
3.54	38.89	0.00093	7.07	35.36	0.00094
9.19	33.23	0.00094	10.61	31.82	0.00094
12.02	30.41	0.00093	13.44	28.99	0.00093
14.85	27.58	0.00093	27.58	14.85	0.00090
28.99	13.44	0.00090	30.41	12.02	0.00090
31.82	10.61	0.00090	33.23	9.19	0.00089
35.36	7.07	0.00089	38.89	3.54	0.00088
42.43	0.00	0.00087	49.50	-7.07	0.00084
56.57	-14.14	0.00080	63.64	-21.21	0.00075
70.71	-28.28	0.00070	77.78	-35.36	0.00064
84.85	-42.43	0.00059	91.92	-49.50	0.00053
-42.43	98.99	0.00040	-35.36	91.92	0.00046
-28.28	84.85	0.00054	-21.21	77.78	0.00063
-14.14	70.71	0.00073	-7.07	63.64	0.00085
0.00	56.57	0.00096	7.07	49.50	0.00103
10.61	45.96	0.00105	14.14	42.43	0.00106

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
16.26	40.31	0.00106	17.68	38.89	0.00106	
19.09	37.48	0.00106	20.51	36.06	0.00106	
21.92	34.65	0.00105	34.65	21.92	0.00102	
36.06	20.51	0.00102	37.48	19.09	0.00102	
38.89	17.68	0.00101	40.31	16.26	0.00101	
42.43	14.14	0.00100	45.96	10.61	0.00099	
49.50	7.07	0.00098	56.57	0.00	0.00094	
63.64	-7.07	0.00089	70.71	-14.14	0.00082	
77.78	-21.21	0.00076	84.85	-28.28	0.00069	
91.92	-35.36	0.00062	98.99	-42.43	0.00056	
-35.36	106.07	0.00041	-28.28	98.99	0.00047	
-21.21	91.92	0.00055	-14.14	84.85	0.00065	
-7.07	77.78	0.00077	0.00	70.71	0.00091	
7.07	63.64	0.00105	14.14	56.57	0.00116	
17.68	53.03	0.00119	21.21	49.50	0.00121	
23.33	47.38	0.00121	24.75	45.96	0.00121	
26.16	44.55	0.00121	27.58	43.13	0.00121	
28.99	41.72	0.00121	41.72	28.99	0.00117	
43.13	27.58	0.00116	44.55	26.16	0.00116	
45.96	24.75	0.00115	47.38	23.33	0.00115	
49.50	21.21	0.00114	53.03	17.68	0.00113	
56.57	14.14	0.00111	63.64	7.07	0.00105	
70.71	0.00	0.00098	77.78	-7.07	0.00090	
84.85	-14.14	0.00082	91.92	-21.21	0.00074	
98.99	-28.28	0.00066	106.07	-35.36	0.00058	
-28.28	113.14	0.00041	-21.21	106.07	0.00048	
-14.14	98.99	0.00057	-7.07	91.92	0.00068	
0.00	84.85	0.00081	7.07	77.78	0.00097	
14.14	70.71	0.00115	21.21	63.64	0.00131	
24.75	60.10	0.00136	28.28	56.57	0.00139	
30.41	54.45	0.00140	31.82	53.03	0.00140	
33.23	51.62	0.00140	34.65	50.20	0.00139	
36.06	48.79	0.00139	48.79	36.06	0.00134	
50.20	34.65	0.00134	51.62	33.23	0.00133	
53.03	31.82	0.00133	54.45	30.41	0.00132	
56.57	28.28	0.00131	60.10	24.75	0.00129	
63.64	21.21	0.00126	70.71	14.14	0.00119	
77.78	7.07	0.00109	84.85	0.00	0.00099	
91.92	-7.07	0.00088	98.99	-14.14	0.00078	

106.07 -21.21 0.00069 113.14 -28.28 0.00060

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

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

**MODELOPTs:
PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00042	-14.14	113.14	0.00049
-7.07	106.07	0.00058	0.00	98.99	0.00070
7.07	91.92	0.00085	14.14	84.85	0.00103
21.21	77.78	0.00125	28.28	70.71	0.00146
31.82	67.18	0.00155	35.36	63.64	0.00160
37.48	61.52	0.00162	38.89	60.10	0.00162
40.31	58.69	0.00163	41.72	57.28	0.00162
43.13	55.86	0.00162	55.86	43.13	0.00156
57.28	41.72	0.00155	58.69	40.31	0.00155
60.10	38.89	0.00154	61.52	37.48	0.00153
63.64	35.36	0.00152	67.18	31.82	0.00149
70.71	28.28	0.00144	77.78	21.21	0.00134
84.85	14.14	0.00121	91.92	7.07	0.00108
98.99	0.00	0.00095	106.07	-7.07	0.00082
113.14	-14.14	0.00071	120.21	-21.21	0.00062
-14.14	127.28	0.00042	-7.07	120.21	0.00050
0.00	113.14	0.00059	7.07	106.07	0.00072
14.14	98.99	0.00088	21.21	91.92	0.00108
28.28	84.85	0.00134	35.36	77.78	0.00162
38.89	74.25	0.00175	42.43	70.71	0.00185
44.55	68.59	0.00188	45.96	67.18	0.00190
47.38	65.76	0.00191	48.79	64.35	0.00191
50.20	62.93	0.00190	62.93	50.20	0.00183
64.35	48.79	0.00182	65.76	47.38	0.00181
67.18	45.96	0.00180	68.59	44.55	0.00179
70.71	42.43	0.00177	74.25	38.89	0.00172
77.78	35.36	0.00166	84.85	28.28	0.00151
91.92	21.21	0.00134	98.99	14.14	0.00116
106.07	7.07	0.00100	113.14	0.00	0.00086
120.21	-7.07	0.00073	127.28	-14.14	0.00062
-7.07	134.35	0.00043	0.00	127.28	0.00050
7.07	120.21	0.00060	14.14	113.14	0.00073
21.21	106.07	0.00090	28.28	98.99	0.00113

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	91.92	0.00142	42.43	84.85	0.00178
45.96	81.32	0.00196	49.50	77.78	0.00212
51.62	75.66	0.00219	53.03	74.25	0.00223
54.45	72.83	0.00225	55.86	71.42	0.00226
57.28	70.00	0.00226	70.00	57.28	0.00216
71.42	55.86	0.00215	72.83	54.45	0.00214
74.25	53.03	0.00212	75.66	51.62	0.00210

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00207	81.32	45.96	0.00200
84.85	42.43	0.00191	91.92	35.36	0.00169
98.99	28.28	0.00146	106.07	21.21	0.00124
113.14	14.14	0.00104	120.21	7.07	0.00088
127.28	0.00	0.00074	134.35	-7.07	0.00062
0.00	141.42	0.00043	7.07	134.35	0.00051
14.14	127.28	0.00061	21.21	120.21	0.00074
28.28	113.14	0.00092	35.36	106.07	0.00116
42.43	98.99	0.00149	49.50	91.92	0.00191
53.03	88.39	0.00215	56.57	84.85	0.00240
58.69	82.73	0.00252	60.10	81.32	0.00259
61.52	79.90	0.00265	62.93	78.49	0.00268
64.35	77.07	0.00270	77.07	64.35	0.00258
78.49	62.93	0.00256	79.90	61.52	0.00254
81.32	60.10	0.00252	82.73	58.69	0.00249
84.85	56.57	0.00243	88.39	53.03	0.00232
91.92	49.50	0.00218	98.99	42.43	0.00187
106.07	35.36	0.00156	113.14	28.28	0.00129
120.21	21.21	0.00107	127.28	14.14	0.00088
134.35	7.07	0.00073	141.42	0.00	0.00060
7.07	148.49	0.00044	14.14	141.42	0.00051
21.21	134.35	0.00061	28.28	127.28	0.00075
35.36	120.21	0.00093	42.43	113.14	0.00118
49.50	106.07	0.00153	56.57	98.99	0.00202
60.10	95.46	0.00231	63.64	91.92	0.00264
65.76	89.80	0.00283	67.18	88.39	0.00296
68.59	86.97	0.00307	70.00	85.56	0.00315

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00322	84.15	71.42	0.00310
85.56	70.00	0.00307	86.97	68.59	0.00304
88.39	67.18	0.00299	89.80	65.76	0.00294
91.92	63.64	0.00284	95.46	60.10	0.00265
98.99	56.57	0.00244	106.07	49.50	0.00201
113.14	42.43	0.00163	120.21	35.36	0.00131
127.28	28.28	0.00106	134.35	21.21	0.00086
141.42	14.14	0.00070	148.49	7.07	0.00058
14.14	155.56	0.00044	21.21	148.49	0.00052
28.28	141.42	0.00062	35.36	134.35	0.00076
42.43	127.28	0.00094	49.50	120.21	0.00119
56.57	113.14	0.00155	63.64	106.07	0.00207
67.18	102.53	0.00241	70.71	98.99	0.00280

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00307	74.25	95.46	0.00325
75.66	94.05	0.00343	77.07	92.63	0.00361
78.49	91.22	0.00376	91.22	78.49	0.00377
92.63	77.07	0.00371	94.05	75.66	0.00363
95.46	74.25	0.00353	96.87	72.83	0.00342
98.99	70.71	0.00325	102.53	67.18	0.00294
106.07	63.64	0.00263	113.14	56.57	0.00208
120.21	49.50	0.00163	127.28	42.43	0.00129
134.35	35.36	0.00103	141.42	28.28	0.00083
148.49	21.21	0.00067	155.56	14.14	0.00055
21.21	162.63	0.00045	28.28	155.56	0.00053
35.36	148.49	0.00063	42.43	141.42	0.00077
49.50	134.35	0.00095	56.57	127.28	0.00120
63.64	120.21	0.00157	70.71	113.14	0.00210
74.25	109.60	0.00246	77.78	106.07	0.00289
79.90	103.94	0.00319	81.32	102.53	0.00341
82.73	101.12	0.00365	84.15	99.70	0.00392
85.56	98.29	0.00422	98.29	85.56	0.00453
99.70	84.15	0.00432	101.12	82.73	0.00411
102.53	81.32	0.00391	103.94	79.90	0.00372
106.07	77.78	0.00345	109.60	74.25	0.00304

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00267	120.21	63.64	0.00206
127.28	56.57	0.00160	134.35	49.50	0.00125
141.42	42.43	0.00098	148.49	35.36	0.00078
155.56	28.28	0.00063	162.63	21.21	0.00051
28.28	169.71	0.00046	35.36	162.63	0.00054
42.43	155.56	0.00064	49.50	148.49	0.00078
56.57	141.42	0.00096	63.64	134.35	0.00122
70.71	127.28	0.00159	77.78	120.21	0.00215
81.32	116.67	0.00253	84.85	113.14	0.00302
86.97	111.02	0.00338	88.39	109.60	0.00366
89.80	108.19	0.00398	91.22	106.77	0.00440
92.63	105.36	0.00497	105.36	92.63	0.00478
106.77	91.22	0.00447	108.19	89.80	0.00421
109.60	88.39	0.00398	111.02	86.97	0.00377
113.14	84.85	0.00347	116.67	81.32	0.00302
120.21	77.78	0.00263	127.28	70.71	0.00201
134.35	63.64	0.00154	141.42	56.57	0.00119
148.49	49.50	0.00093	155.56	42.43	0.00073
162.63	35.36	0.00059	169.71	28.28	0.00048

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

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

18:23:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00047	42.43	169.71	0.00055
49.50	162.63	0.00066	56.57	155.56	0.00081
63.64	148.49	0.00101	70.71	141.42	0.00129
77.78	134.35	0.00172	84.85	127.28	0.00248
88.39	123.74	0.00308	91.92	120.21	0.00394
94.05	118.09	0.00462	95.46	116.67	0.00513
96.87	115.26	0.00570	98.29	113.84	0.00634
99.70	112.43	0.00705	112.43	99.70	0.00489
113.84	98.29	0.00452	115.26	96.87	0.00422
116.67	95.46	0.00395	118.09	94.05	0.00372
120.21	91.92	0.00340	123.74	88.39	0.00293
127.28	84.85	0.00253	134.35	77.78	0.00190
141.42	70.71	0.00144	148.49	63.64	0.00110
155.56	56.57	0.00086	162.63	49.50	0.00068
169.71	42.43	0.00054	176.78	35.36	0.00044

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00050	49.50	176.78	0.00059
56.57	169.71	0.00071	63.64	162.63	0.00088
70.71	155.56	0.00113	77.78	148.49	0.00151
84.85	141.42	0.00214	91.92	134.35	0.00325
95.46	130.81	0.00407	98.99	127.28	0.00509
101.12	125.16	0.00580	102.53	123.74	0.00631
103.94	122.33	0.00685	105.36	120.92	0.00741
106.77	119.50	0.00803	119.50	106.77	0.00495
120.92	105.36	0.00453	122.33	103.94	0.00420
123.74	102.53	0.00391	125.16	101.12	0.00364
127.28	98.99	0.00329	130.81	95.46	0.00279
134.35	91.92	0.00238	141.42	84.85	0.00176
148.49	77.78	0.00131	155.56	70.71	0.00100
162.63	63.64	0.00077	169.71	56.57	0.00061
176.78	49.50	0.00049	183.85	42.43	0.00040
49.50	190.92	0.00054	56.57	183.85	0.00065
63.64	176.78	0.00081	70.71	169.71	0.00103
77.78	162.63	0.00137	84.85	155.56	0.00189
91.92	148.49	0.00270	98.99	141.42	0.00394
102.53	137.89	0.00475	106.07	134.35	0.00572
108.19	132.23	0.00637	109.60	130.81	0.00684
111.02	129.40	0.00733	112.43	127.99	0.00784
113.84	126.57	0.00840	126.57	113.84	0.00489
127.99	112.43	0.00445	129.40	111.02	0.00409
130.81	109.60	0.00378	132.23	108.19	0.00350

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00313	137.89	102.53	0.00262
141.42	98.99	0.00220	148.49	91.92	0.00158
155.56	84.85	0.00116	162.63	77.78	0.00088
169.71	70.71	0.00068	176.78	63.64	0.00054
183.85	56.57	0.00044	190.92	49.50	0.00036
56.57	197.99	0.00061	63.64	190.92	0.00076
70.71	183.85	0.00096	77.78	176.78	0.00125
84.85	169.71	0.00167	91.92	162.63	0.00230
98.99	155.56	0.00317	106.07	148.49	0.00436

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00511	113.14	141.42	0.00598
115.26	139.30	0.00656	116.67	137.89	0.00698
118.09	136.47	0.00743	119.50	135.06	0.00791
120.92	133.64	0.00843	133.64	120.92	0.00470
135.06	119.50	0.00424	136.47	118.09	0.00386
137.89	116.67	0.00354	139.30	115.26	0.00326
141.42	113.14	0.00289	144.96	109.60	0.00237
148.49	106.07	0.00197	155.56	98.99	0.00138
162.63	91.92	0.00101	169.71	84.85	0.00076
176.78	77.78	0.00060	183.85	70.71	0.00048
190.92	63.64	0.00040	197.99	56.57	0.00033
63.64	205.06	0.00071	70.71	197.99	0.00090
77.78	190.92	0.00115	84.85	183.85	0.00150
91.92	176.78	0.00199	98.99	169.71	0.00264
106.07	162.63	0.00350	113.14	155.56	0.00460
116.67	152.03	0.00527	120.21	148.49	0.00602
122.33	146.37	0.00653	123.74	144.96	0.00690
125.16	143.54	0.00730	126.57	142.13	0.00774
127.99	140.71	0.00823	140.71	127.99	0.00437
142.13	126.57	0.00390	143.54	125.16	0.00352
144.96	123.74	0.00319	146.37	122.33	0.00291
148.49	120.21	0.00255	152.03	116.67	0.00206
155.56	113.14	0.00169	162.63	106.07	0.00118
169.71	98.99	0.00086	176.78	91.92	0.00066
183.85	84.85	0.00052	190.92	77.78	0.00043
197.99	70.71	0.00036	205.06	63.64	0.00030
70.71	212.13	0.00084	77.78	205.06	0.00105
84.85	197.99	0.00135	91.92	190.92	0.00174
98.99	183.85	0.00224	106.07	176.78	0.00289
113.14	169.71	0.00371	120.21	162.63	0.00473
123.74	159.10	0.00531	127.28	155.56	0.00597

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00639	130.81	152.03	0.00670
132.23	150.61	0.00703	133.64	149.20	0.00740
135.06	147.79	0.00784	147.79	135.06	0.00388

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00341	150.61	132.23	0.00303
152.03	130.81	0.00272	153.44	129.40	0.00245
155.56	127.28	0.00212	159.10	123.74	0.00169
162.63	120.21	0.00139	169.71	113.14	0.00098
176.78	106.07	0.00074	183.85	98.99	0.00058
190.92	91.92	0.00047	197.99	84.85	0.00039
205.06	77.78	0.00033	212.13	70.71	0.00028
77.78	219.20	0.00096	84.85	212.13	0.00121
91.92	205.06	0.00152	98.99	197.99	0.00193
106.07	190.92	0.00243	113.14	183.85	0.00307
120.21	176.78	0.00385	127.28	169.71	0.00479
130.81	166.17	0.00532	134.35	162.63	0.00589
136.47	160.51	0.00623	137.89	159.10	0.00647
139.30	157.68	0.00672	140.71	156.27	0.00700
142.13	154.86	0.00734	154.86	142.13	0.00320
156.27	140.71	0.00275	157.68	139.30	0.00241
159.10	137.89	0.00214	160.51	136.47	0.00193
162.63	134.35	0.00166	166.17	130.81	0.00135
169.71	127.28	0.00113	176.78	120.21	0.00085
183.85	113.14	0.00066	190.92	106.07	0.00053
197.99	98.99	0.00043	205.06	91.92	0.00036
212.13	84.85	0.00030	219.20	77.78	0.00026
84.85	226.27	0.00109	91.92	219.20	0.00135
98.99	212.13	0.00167	106.07	205.06	0.00207
113.14	197.99	0.00256	120.21	190.92	0.00317
127.28	183.85	0.00392	134.35	176.78	0.00480
137.89	173.24	0.00530	141.42	169.71	0.00580
143.54	167.58	0.00609	144.96	166.17	0.00629
146.37	164.76	0.00648	147.79	163.34	0.00669
149.20	161.93	0.00689	161.93	149.20	0.00238
163.34	147.79	0.00207	164.76	146.37	0.00185
166.17	144.96	0.00168	167.58	143.54	0.00154
169.71	141.42	0.00137	173.24	137.89	0.00115
176.78	134.35	0.00099	183.85	127.28	0.00076
190.92	120.21	0.00060	197.99	113.14	0.00048
205.06	106.07	0.00040	212.13	98.99	0.00033
219.20	91.92	0.00028	226.27	84.85	0.00024

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
91.92	233.35	0.00120		98.99	226.27	0.00146	
106.07	219.20	0.00178		113.14	212.13	0.00217	
120.21	205.06	0.00265		127.28	197.99	0.00323	
134.35	190.92	0.00392		141.42	183.85	0.00474	
144.96	180.31	0.00518		148.49	176.78	0.00560	
150.61	174.66	0.00584		152.03	173.24	0.00597	
153.44	171.83	0.00608		154.86	170.41	0.00612	
156.27	169.00	0.00606		169.00	156.27	0.00202	
170.41	154.86	0.00181		171.83	153.44	0.00163	
173.24	152.03	0.00149		174.66	150.61	0.00137	
176.78	148.49	0.00123		180.31	144.96	0.00104	
183.85	141.42	0.00089		190.92	134.35	0.00069	
197.99	127.28	0.00055		205.06	120.21	0.00044	
212.13	113.14	0.00036		219.20	106.07	0.00030	
226.27	98.99	0.00026		233.35	91.92	0.00022	
98.99	240.42	0.00129		106.07	233.35	0.00154	
113.14	226.27	0.00185		120.21	219.20	0.00222	
127.28	212.13	0.00266		134.35	205.06	0.00318	
141.42	197.99	0.00377		148.49	190.92	0.00433	
152.03	187.38	0.00452		155.56	183.85	0.00455	
157.68	181.73	0.00447		159.10	180.31	0.00436	
160.51	178.90	0.00421		161.93	177.48	0.00403	
163.34	176.07	0.00381		176.07	163.34	0.00174	
177.48	161.93	0.00159		178.90	160.51	0.00146	
180.31	159.10	0.00135		181.73	157.68	0.00125	
183.85	155.56	0.00112		187.38	152.03	0.00096	
190.92	148.49	0.00082		197.99	141.42	0.00064	
205.06	134.35	0.00051		212.13	127.28	0.00041	
219.20	120.21	0.00034		226.27	113.14	0.00028	
233.35	106.07	0.00024		240.42	98.99	0.00021	
106.07	247.49	0.00135		113.14	240.42	0.00159	
120.21	233.35	0.00187		127.28	226.27	0.00220	
134.35	219.20	0.00257		141.42	212.13	0.00296	
148.49	205.06	0.00330		155.56	197.99	0.00343	
159.10	194.45	0.00337		162.63	190.92	0.00321	
164.76	188.80	0.00307		166.17	187.38	0.00297	
167.58	185.97	0.00285		169.00	184.55	0.00273	
170.41	183.14	0.00261		183.14	170.41	0.00145	
184.55	169.00	0.00134		185.97	167.58	0.00125	
187.38	166.17	0.00117		188.80	164.76	0.00109	

04/20/08

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00100	194.45	159.10	0.00087
197.99	155.56	0.00076	205.06	148.49	0.00059
212.13	141.42	0.00047	219.20	134.35	0.00039
226.27	127.28	0.00032	233.35	120.21	0.00027
240.42	113.14	0.00023	247.49	106.07	0.00020

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00019	-240.42	-113.14	0.00020
-233.35	-120.21	0.00020	-226.27	-127.28	0.00021
-219.20	-134.35	0.00021	-212.13	-141.42	0.00021
-205.06	-148.49	0.00021	-197.99	-155.56	0.00021
-194.45	-159.10	0.00021	-190.92	-162.63	0.00021
-188.80	-164.76	0.00021	-187.38	-166.17	0.00021
-185.97	-167.58	0.00021	-184.55	-169.00	0.00020
-183.14	-170.41	0.00020	-170.41	-183.14	0.00020
-169.00	-184.55	0.00020	-167.58	-185.97	0.00020
-166.17	-187.38	0.00020	-164.76	-188.80	0.00020
-162.63	-190.92	0.00020	-159.10	-194.45	0.00020
-155.56	-197.99	0.00020	-148.49	-205.06	0.00020
-141.42	-212.13	0.00020	-134.35	-219.20	0.00020
-127.28	-226.27	0.00019	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00019
-240.42	-98.99	0.00020	-233.35	-106.07	0.00021
-226.27	-113.14	0.00021	-219.20	-120.21	0.00022
-212.13	-127.28	0.00022	-205.06	-134.35	0.00022
-197.99	-141.42	0.00022	-190.92	-148.49	0.00022
-187.38	-152.03	0.00022	-183.85	-155.56	0.00022

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00022	-180.31	-159.10	0.00022
-178.90	-160.51	0.00022	-177.48	-161.93	0.00022
-176.07	-163.34	0.00022	-163.34	-176.07	0.00021
-161.93	-177.48	0.00021	-160.51	-178.90	0.00021
-159.10	-180.31	0.00021	-157.68	-181.73	0.00021
-155.56	-183.85	0.00021	-152.03	-187.38	0.00021
-148.49	-190.92	0.00021	-141.42	-197.99	0.00021
-134.35	-205.06	0.00021	-127.28	-212.13	0.00021
-120.21	-219.20	0.00020	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00019
-233.35	-91.92	0.00021	-226.27	-99.00	0.00022
-219.20	-106.07	0.00023	-212.13	-113.14	0.00023
-205.06	-120.21	0.00023	-197.99	-127.28	0.00023
-190.92	-134.35	0.00023	-183.85	-141.42	0.00023
-180.31	-144.96	0.00023	-176.78	-148.49	0.00023
-174.66	-150.61	0.00023	-173.24	-152.03	0.00023
-171.83	-153.44	0.00023	-170.41	-154.86	0.00023
-169.00	-156.27	0.00023	-156.27	-169.00	0.00023
-154.86	-170.41	0.00023	-153.44	-171.83	0.00023
-152.03	-173.24	0.00023	-150.61	-174.66	0.00022

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

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

18:23:07

**MODELOPTS:
 PAGE 44

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00024	-143.54	-167.58	0.00024
-141.42	-169.71	0.00024	-137.89	-173.24	0.00024
-134.35	-176.78	0.00024	-127.28	-183.85	0.00023
-120.21	-190.92	0.00023	-113.14	-197.99	0.00023
-106.07	-205.06	0.00023	-98.99	-212.13	0.00022
-91.92	-219.20	0.00022	-84.85	-226.27	0.00022
-219.20	-77.78	0.00023	-212.13	-84.85	0.00024
-205.06	-91.92	0.00025	-197.99	-99.00	0.00026
-190.92	-106.07	0.00026	-183.85	-113.14	0.00026
-176.78	-120.21	0.00026	-169.71	-127.28	0.00026
-166.17	-130.81	0.00026	-162.63	-134.35	0.00026
-160.51	-136.47	0.00026	-159.10	-137.89	0.00026
-157.68	-139.30	0.00026	-156.27	-140.71	0.00026
-154.86	-142.13	0.00026	-142.13	-154.86	0.00025
-140.71	-156.27	0.00025	-139.30	-157.68	0.00025
-137.89	-159.10	0.00025	-136.47	-160.51	0.00025
-134.35	-162.63	0.00025	-130.81	-166.17	0.00025
-127.28	-169.71	0.00025	-120.21	-176.78	0.00025
-113.14	-183.85	0.00025	-106.07	-190.92	0.00024
-98.99	-197.99	0.00024	-91.92	-205.06	0.00024
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00024	-205.06	-77.78	0.00025
-197.99	-84.85	0.00026	-190.92	-91.92	0.00027
-183.85	-98.99	0.00028	-176.78	-106.07	0.00028
-169.71	-113.14	0.00028	-162.63	-120.21	0.00028
-159.10	-123.74	0.00028	-155.56	-127.28	0.00028

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

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

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00028	-152.03	-130.81	0.00028
-150.61	-132.23	0.00028	-149.20	-133.64	0.00027
-147.79	-135.06	0.00027	-135.06	-147.79	0.00027
-133.64	-149.20	0.00027	-132.23	-150.61	0.00027
-130.81	-152.03	0.00027	-129.40	-153.44	0.00027
-127.28	-155.56	0.00027	-123.74	-159.10	0.00027
-120.21	-162.63	0.00027	-113.14	-169.71	0.00026
-106.07	-176.78	0.00026	-98.99	-183.85	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00026	-84.85	-197.99	0.00025
-77.78	-205.06	0.00025	-70.71	-212.13	0.00024
-205.06	-63.64	0.00025	-197.99	-70.71	0.00027
-190.92	-77.78	0.00028	-183.85	-84.85	0.00029
-176.78	-91.92	0.00029	-169.71	-98.99	0.00030
-162.63	-106.07	0.00030	-155.56	-113.14	0.00030
-152.03	-116.67	0.00030	-148.49	-120.21	0.00030
-146.37	-122.33	0.00029	-144.96	-123.74	0.00029
-143.54	-125.16	0.00029	-142.13	-126.57	0.00029
-140.71	-127.99	0.00029	-127.99	-140.71	0.00029
-126.57	-142.13	0.00029	-125.16	-143.54	0.00029
-123.74	-144.96	0.00029	-122.33	-146.37	0.00029
-120.21	-148.49	0.00029	-116.67	-152.03	0.00029
-113.14	-155.56	0.00028	-106.07	-162.63	0.00028
-98.99	-169.71	0.00028	-91.92	-176.78	0.00028
-84.85	-183.85	0.00027	-77.78	-190.92	0.00027
-70.71	-197.99	0.00026	-63.64	-205.06	0.00025
-197.99	-56.57	0.00026	-190.92	-63.64	0.00028
-183.85	-70.71	0.00029	-176.78	-77.78	0.00030
-169.71	-84.85	0.00031	-162.63	-91.92	0.00032
-155.56	-98.99	0.00032	-148.49	-106.07	0.00032
-144.96	-109.60	0.00032	-141.42	-113.14	0.00032
-139.30	-115.26	0.00032	-137.89	-116.67	0.00031
-136.47	-118.09	0.00031	-135.06	-119.50	0.00031
-133.64	-120.92	0.00031	-120.92	-133.64	0.00031
-119.50	-135.06	0.00031	-118.09	-136.47	0.00031
-116.67	-137.89	0.00031	-115.26	-139.30	0.00031
-113.14	-141.42	0.00031	-109.60	-144.96	0.00030
-106.07	-148.49	0.00030	-98.99	-155.56	0.00030
-91.92	-162.63	0.00030	-84.85	-169.71	0.00029
-77.78	-176.78	0.00029	-70.71	-183.85	0.00028
-63.64	-190.92	0.00027	-56.57	-197.99	0.00027

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

18:23:07
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00027	-183.85	-56.57	0.00029
-176.78	-63.64	0.00031	-169.71	-70.71	0.00032

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00033	-155.56	-84.85	0.00034
-148.49	-91.92	0.00034	-141.42	-98.99	0.00034
-137.89	-102.53	0.00034	-134.35	-106.07	0.00034
-132.23	-108.19	0.00034	-130.81	-109.60	0.00034
-129.40	-111.02	0.00034	-127.99	-112.43	0.00034
-126.57	-113.84	0.00034	-113.84	-126.57	0.00033
-112.43	-127.99	0.00033	-111.02	-129.40	0.00033
-109.60	-130.81	0.00033	-108.19	-132.23	0.00033
-106.07	-134.35	0.00033	-102.53	-137.89	0.00033
-98.99	-141.42	0.00032	-91.92	-148.49	0.00032
-84.85	-155.56	0.00032	-77.78	-162.63	0.00031
-70.71	-169.71	0.00031	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00028
-183.85	-42.43	0.00028	-176.78	-49.50	0.00030
-169.71	-56.57	0.00033	-162.63	-63.64	0.00034
-155.56	-70.71	0.00036	-148.49	-77.78	0.00036
-141.42	-84.85	0.00037	-134.35	-91.92	0.00037
-130.81	-95.46	0.00037	-127.28	-98.99	0.00036
-125.16	-101.12	0.00036	-123.74	-102.53	0.00036
-122.33	-103.94	0.00036	-120.92	-105.36	0.00036
-119.50	-106.77	0.00036	-106.77	-119.50	0.00036
-105.36	-120.92	0.00035	-103.94	-122.33	0.00035
-102.53	-123.74	0.00035	-101.12	-125.16	0.00035
-98.99	-127.28	0.00035	-95.46	-130.81	0.00035
-91.92	-134.35	0.00035	-84.85	-141.42	0.00034
-77.78	-148.49	0.00034	-70.71	-155.56	0.00034
-63.64	-162.63	0.00033	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00030
-176.78	-35.36	0.00029	-169.71	-42.43	0.00032
-162.63	-49.50	0.00034	-155.56	-56.57	0.00036
-148.49	-63.64	0.00038	-141.42	-70.71	0.00039
-134.35	-77.78	0.00040	-127.28	-84.85	0.00040
-123.74	-88.39	0.00039	-120.21	-91.92	0.00039
-118.09	-94.05	0.00039	-116.67	-95.46	0.00039
-115.26	-96.87	0.00039	-113.84	-98.29	0.00039
-112.43	-99.70	0.00039	-99.70	-112.43	0.00038
-98.29	-113.84	0.00038	-96.87	-115.26	0.00038
-95.46	-116.67	0.00038	-94.05	-118.09	0.00038

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

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

18:23:07
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00038	-88.39	-123.74	0.00038
-84.85	-127.28	0.00038	-77.78	-134.35	0.00037
-70.71	-141.42	0.00037	-63.64	-148.49	0.00036
-56.57	-155.56	0.00035	-49.50	-162.63	0.00034
-42.43	-169.71	0.00033	-35.36	-176.78	0.00032
-169.71	-28.28	0.00030	-162.63	-35.36	0.00033
-155.56	-42.43	0.00036	-148.49	-49.50	0.00039
-141.42	-56.57	0.00041	-134.35	-63.64	0.00042
-127.28	-70.71	0.00043	-120.21	-77.78	0.00043
-116.67	-81.32	0.00043	-113.14	-84.85	0.00043
-111.02	-86.97	0.00042	-109.60	-88.39	0.00042
-108.19	-89.80	0.00042	-106.77	-91.22	0.00042
-105.36	-92.63	0.00042	-92.63	-105.36	0.00041
-91.22	-106.77	0.00041	-89.80	-108.19	0.00041
-88.39	-109.60	0.00041	-86.97	-111.02	0.00041
-84.85	-113.14	0.00041	-81.32	-116.67	0.00041
-77.78	-120.21	0.00041	-70.71	-127.28	0.00040
-63.64	-134.35	0.00039	-56.57	-141.42	0.00039
-49.50	-148.49	0.00038	-42.43	-155.56	0.00036
-35.36	-162.63	0.00035	-28.28	-169.71	0.00033
-162.63	-21.21	0.00031	-155.56	-28.28	0.00035
-148.49	-35.36	0.00038	-141.42	-42.43	0.00041
-134.35	-49.50	0.00044	-127.28	-56.57	0.00045
-120.21	-63.64	0.00046	-113.14	-70.71	0.00046
-109.60	-74.25	0.00046	-106.07	-77.78	0.00046
-103.94	-79.90	0.00046	-102.53	-81.32	0.00046
-101.12	-82.73	0.00046	-99.70	-84.15	0.00046
-98.29	-85.56	0.00046	-85.56	-98.29	0.00045
-84.15	-99.70	0.00045	-82.73	-101.12	0.00045
-81.32	-102.53	0.00045	-79.90	-103.94	0.00045
-77.78	-106.07	0.00044	-74.25	-109.60	0.00044
-70.71	-113.14	0.00044	-63.64	-120.21	0.00043
-56.57	-127.28	0.00043	-49.50	-134.35	0.00042
-42.43	-141.42	0.00040	-35.36	-148.49	0.00039
-28.28	-155.56	0.00037	-21.21	-162.63	0.00035
-155.56	-14.14	0.00033	-148.49	-21.21	0.00036
-141.42	-28.28	0.00040	-134.35	-35.36	0.00044
-127.28	-42.43	0.00047	-120.21	-49.50	0.00049
-113.14	-56.57	0.00050	-106.07	-63.64	0.00051
-102.53	-67.18	0.00051	-98.99	-70.71	0.00050

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

*** NCRA Cumulative DPM Impacts

18:23:07

**MODELOPTS:

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

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00050	-95.46	-74.25	0.00050
-94.05	-75.66	0.00050	-92.63	-77.07	0.00050
-91.22	-78.49	0.00050	-78.49	-91.22	0.00049
-77.07	-92.63	0.00049	-75.66	-94.05	0.00049
-74.25	-95.46	0.00049	-72.83	-96.87	0.00049
-70.71	-98.99	0.00048	-67.18	-102.53	0.00048
-63.64	-106.07	0.00048	-56.57	-113.14	0.00047
-49.50	-120.21	0.00046	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00042
-21.21	-148.49	0.00040	-14.14	-155.56	0.00038
-148.49	-7.07	0.00034	-141.42	-14.14	0.00038
-134.35	-21.21	0.00042	-127.28	-28.28	0.00046
-120.21	-35.36	0.00050	-113.14	-42.43	0.00053
-106.07	-49.50	0.00055	-98.99	-56.57	0.00055
-95.46	-60.10	0.00055	-91.92	-63.64	0.00055
-89.80	-65.76	0.00055	-88.39	-67.18	0.00055
-86.97	-68.59	0.00055	-85.56	-70.00	0.00055
-84.15	-71.42	0.00055	-71.42	-84.15	0.00053
-70.00	-85.56	0.00053	-68.59	-86.97	0.00053
-67.18	-88.39	0.00053	-65.76	-89.80	0.00053
-63.64	-91.92	0.00053	-60.10	-95.46	0.00053
-56.57	-98.99	0.00052	-49.50	-106.07	0.00051
-42.43	-113.14	0.00050	-35.36	-120.21	0.00049
-28.28	-127.28	0.00047	-21.21	-134.35	0.00045
-14.14	-141.42	0.00042	-7.07	-148.49	0.00040
-141.42	0.00	0.00035	-134.35	-7.07	0.00039
-127.28	-14.14	0.00044	-120.21	-21.21	0.00049
-113.14	-28.28	0.00054	-106.07	-35.36	0.00057
-98.99	-42.43	0.00060	-91.92	-49.50	0.00061
-88.39	-53.03	0.00061	-84.85	-56.57	0.00061
-82.73	-58.69	0.00061	-81.32	-60.10	0.00060
-79.90	-61.52	0.00060	-78.49	-62.93	0.00060
-77.07	-64.35	0.00060	-64.35	-77.07	0.00059
-62.93	-78.49	0.00059	-61.52	-79.90	0.00058

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00058	-58.69	-82.73	0.00058
-56.57	-84.85	0.00058	-53.03	-88.39	0.00058
-49.50	-91.92	0.00057	-42.43	-98.99	0.00056
-35.36	-106.07	0.00055	-28.28	-113.14	0.00053
-21.21	-120.21	0.00051	-14.14	-127.28	0.00048
-7.07	-134.35	0.00045	0.00	-141.42	0.00042

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

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00036	-127.28	0.00	0.00041
-120.21	-7.07	0.00046	-113.14	-14.14	0.00052
-106.07	-21.21	0.00057	-98.99	-28.28	0.00062
-91.92	-35.36	0.00066	-84.85	-42.43	0.00067
-81.32	-45.96	0.00067	-77.78	-49.50	0.00067
-75.66	-51.62	0.00067	-74.25	-53.03	0.00067
-72.83	-54.45	0.00067	-71.42	-55.86	0.00067
-70.00	-57.28	0.00066	-57.28	-70.00	0.00065
-55.86	-71.42	0.00065	-54.45	-72.83	0.00065
-53.03	-74.25	0.00064	-51.62	-75.66	0.00064
-49.50	-77.78	0.00064	-45.96	-81.32	0.00064
-42.43	-84.85	0.00063	-35.36	-91.92	0.00062
-28.28	-98.99	0.00060	-21.21	-106.07	0.00058
-14.14	-113.14	0.00055	-7.07	-120.21	0.00052
0.00	-127.28	0.00048	7.07	-134.35	0.00045
-127.28	14.14	0.00037	-120.21	7.07	0.00042
-113.14	0.00	0.00048	-106.07	-7.07	0.00055
-98.99	-14.14	0.00061	-91.92	-21.21	0.00068
-84.85	-28.28	0.00072	-77.78	-35.36	0.00074
-74.25	-38.89	0.00075	-70.71	-42.43	0.00075
-68.59	-44.55	0.00074	-67.18	-45.96	0.00074
-65.76	-47.38	0.00074	-64.35	-48.79	0.00074
-62.93	-50.20	0.00074	-50.20	-62.93	0.00072
-48.79	-64.35	0.00072	-47.38	-65.76	0.00072
-45.96	-67.18	0.00071	-44.55	-68.59	0.00071
-42.43	-70.71	0.00071	-38.89	-74.25	0.00070
-35.36	-77.78	0.00070	-28.28	-84.85	0.00068
-21.21	-91.92	0.00066	-14.14	-98.99	0.00063

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00059	0.00	-113.14	0.00056
7.07	-120.21	0.00052	14.14	-127.28	0.00048
-120.21	21.21	0.00038	-113.14	14.14	0.00043
-106.07	7.07	0.00050	-98.99	0.00	0.00057
-91.92	-7.07	0.00065	-84.85	-14.14	0.00073
-77.78	-21.21	0.00079	-70.71	-28.28	0.00083
-67.18	-31.82	0.00083	-63.64	-35.36	0.00083
-61.52	-37.48	0.00083	-60.10	-38.89	0.00083
-58.69	-40.31	0.00083	-57.28	-41.72	0.00083
-55.86	-43.13	0.00082	-43.13	-55.86	0.00080
-41.72	-57.28	0.00080	-40.31	-58.69	0.00080
-38.89	-60.10	0.00080	-37.48	-61.52	0.00079

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

18:23:07

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00079	-31.82	-67.18	0.00078
-28.28	-70.71	0.00078	-21.21	-77.78	0.00076
-14.14	-84.85	0.00073	-7.07	-91.92	0.00069
0.00	-98.99	0.00064	7.07	-106.07	0.00060
14.14	-113.14	0.00055	21.21	-120.21	0.00051
-113.14	28.28	0.00039	-106.07	21.21	0.00045
-98.99	14.14	0.00052	-91.92	7.07	0.00060
-84.85	0.00	0.00069	-77.78	-7.07	0.00079
-70.71	-14.14	0.00087	-63.64	-21.21	0.00092
-60.10	-24.75	0.00093	-56.57	-28.28	0.00094
-54.45	-30.41	0.00094	-53.03	-31.82	0.00094
-51.62	-33.23	0.00093	-50.20	-34.65	0.00093
-48.79	-36.06	0.00093	-36.06	-48.79	0.00090
-34.65	-50.20	0.00090	-33.23	-51.62	0.00090
-31.82	-53.03	0.00090	-30.41	-54.45	0.00089
-28.28	-56.57	0.00089	-24.75	-60.10	0.00088
-21.21	-63.64	0.00087	-14.14	-70.71	0.00084
-7.07	-77.78	0.00080	0.00	-84.85	0.00075
7.07	-91.92	0.00070	14.14	-98.99	0.00064
21.21	-106.07	0.00059	28.28	-113.14	0.00053
-106.07	35.36	0.00040	-98.99	28.28	0.00046
-91.92	21.21	0.00054	-84.85	14.14	0.00063

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00073	-70.71	0.00	0.00085
-63.64	-7.07	0.00096	-56.57	-14.14	0.00103
-53.03	-17.68	0.00105	-49.50	-21.21	0.00106
-47.38	-23.33	0.00106	-45.96	-24.75	0.00106
-44.55	-26.16	0.00106	-43.13	-27.58	0.00106
-41.72	-28.99	0.00105	-28.99	-41.72	0.00102
-27.58	-43.13	0.00102	-26.16	-44.55	0.00102
-24.75	-45.96	0.00101	-23.33	-47.38	0.00101
-21.21	-49.50	0.00100	-17.68	-53.03	0.00099
-14.14	-56.57	0.00098	-7.07	-63.64	0.00094
0.00	-70.71	0.00089	7.07	-77.78	0.00082
14.14	-84.85	0.00076	21.21	-91.92	0.00069
28.28	-98.99	0.00062	35.36	-106.07	0.00056
-98.99	42.43	0.00041	-91.92	35.36	0.00047
-84.85	28.28	0.00055	-77.78	21.21	0.00065
-70.71	14.14	0.00077	-63.64	7.07	0.00091
-56.57	0.00	0.00105	-49.50	-7.07	0.00116
-45.96	-10.61	0.00119	-42.43	-14.14	0.00121

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00121	-38.89	-17.68	0.00121
-37.48	-19.09	0.00121	-36.06	-20.51	0.00121
-34.65	-21.92	0.00121	-21.92	-34.65	0.00117
-20.51	-36.06	0.00116	-19.09	-37.48	0.00116
-17.68	-38.89	0.00115	-16.26	-40.31	0.00115
-14.14	-42.43	0.00114	-10.61	-45.96	0.00113
-7.07	-49.50	0.00111	0.00	-56.57	0.00105
7.07	-63.64	0.00098	14.14	-70.71	0.00090
21.21	-77.78	0.00082	28.28	-84.85	0.00074
35.36	-91.92	0.00066	42.43	-98.99	0.00058
-91.92	49.50	0.00041	-84.85	42.43	0.00048
-77.78	35.36	0.00057	-70.71	28.28	0.00068
-63.64	21.21	0.00081	-56.57	14.14	0.00097
-49.50	7.07	0.00115	-42.43	0.00	0.00131
-38.89	-3.54	0.00136	-35.36	-7.07	0.00139
-33.23	-9.19	0.00140	-31.82	-10.61	0.00140

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00140	-28.99	-13.44	0.00139
-27.58	-14.85	0.00139	-14.85	-27.58	0.00134
-13.44	-28.99	0.00134	-12.02	-30.41	0.00133
-10.61	-31.82	0.00133	-9.19	-33.23	0.00132
-7.07	-35.36	0.00131	-3.54	-38.89	0.00129
0.00	-42.43	0.00126	7.07	-49.50	0.00119
14.14	-56.57	0.00109	21.21	-63.64	0.00099
28.28	-70.71	0.00088	35.36	-77.78	0.00078
42.43	-84.85	0.00069	49.50	-91.92	0.00060
-84.85	56.57	0.00042	-77.78	49.50	0.00049
-70.71	42.43	0.00058	-63.64	35.36	0.00070
-56.57	28.28	0.00085	-49.50	21.21	0.00103
-42.43	14.14	0.00125	-35.36	7.07	0.00146
-31.82	3.54	0.00155	-28.28	0.00	0.00160
-26.16	-2.12	0.00162	-24.75	-3.54	0.00162
-23.33	-4.95	0.00163	-21.92	-6.36	0.00162
-20.51	-7.78	0.00162	-7.78	-20.51	0.00156
-6.36	-21.92	0.00155	-4.95	-23.33	0.00155
-3.54	-24.75	0.00154	-2.12	-26.16	0.00153
0.00	-28.28	0.00152	3.54	-31.82	0.00149
7.07	-35.36	0.00144	14.14	-42.43	0.00134
21.21	-49.50	0.00121	28.28	-56.57	0.00108
35.36	-63.64	0.00095	42.43	-70.71	0.00082
49.50	-77.78	0.00071	56.57	-84.85	0.00062

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

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00042	-70.71	56.57	0.00050
-63.64	49.50	0.00059	-56.57	42.43	0.00072
-49.50	35.36	0.00088	-42.43	28.28	0.00108
-35.36	21.21	0.00134	-28.28	14.14	0.00162
-24.75	10.61	0.00175	-21.21	7.07	0.00185
-19.09	4.95	0.00188	-17.68	3.54	0.00190
-16.26	2.12	0.00191	-14.85	0.71	0.00191
-13.44	-0.71	0.00190	-0.71	-13.44	0.00183
0.71	-14.85	0.00182	2.12	-16.26	0.00181
3.54	-17.68	0.00180	4.95	-19.09	0.00179

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00177	10.61	-24.75	0.00172
14.14	-28.28	0.00166	21.21	-35.36	0.00151
28.28	-42.43	0.00134	35.36	-49.50	0.00116
42.43	-56.57	0.00100	49.50	-63.64	0.00086
56.57	-70.71	0.00073	63.64	-77.78	0.00062
-70.71	70.71	0.00043	-63.64	63.64	0.00050
-56.57	56.57	0.00060	-49.50	49.50	0.00073
-42.43	42.43	0.00090	-35.36	35.36	0.00113
-28.28	28.28	0.00142	-21.21	21.21	0.00178
-17.68	17.68	0.00196	-14.14	14.14	0.00212
-12.02	12.02	0.00219	-10.61	10.61	0.00223
-9.19	9.19	0.00225	-7.78	7.78	0.00226
-6.36	6.36	0.00226	6.36	-6.36	0.00216
7.78	-7.78	0.00215	9.19	-9.19	0.00214
10.61	-10.61	0.00212	12.02	-12.02	0.00210
14.14	-14.14	0.00207	17.68	-17.68	0.00200
21.21	-21.21	0.00191	28.28	-28.28	0.00169
35.36	-35.36	0.00146	42.43	-42.43	0.00124
49.50	-49.50	0.00104	56.57	-56.57	0.00088
63.64	-63.64	0.00074	70.71	-70.71	0.00062
-63.64	77.78	0.00043	-56.57	70.71	0.00051
-49.50	63.64	0.00061	-42.43	56.57	0.00074
-35.36	49.50	0.00092	-28.28	42.43	0.00116
-21.21	35.36	0.00149	-14.14	28.28	0.00191
-10.61	24.75	0.00215	-7.07	21.21	0.00240
-4.95	19.09	0.00252	-3.54	17.68	0.00259
-2.12	16.26	0.00265	-0.71	14.85	0.00268
0.71	13.44	0.00270	13.44	0.71	0.00258
14.85	-0.71	0.00256	16.26	-2.12	0.00254
17.68	-3.54	0.00252	19.09	-4.95	0.00249

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00243	24.75	-10.61	0.00232
28.28	-14.14	0.00218	35.36	-21.21	0.00187
42.43	-28.28	0.00156	49.50	-35.36	0.00129
56.57	-42.43	0.00107	63.64	-49.50	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00073	77.78	-63.64	0.00060
-56.57	84.85	0.00044	-49.50	77.78	0.00051
-42.43	70.71	0.00061	-35.36	63.64	0.00075
-28.28	56.57	0.00093	-21.21	49.50	0.00118
-14.14	42.43	0.00153	-7.07	35.36	0.00202
-3.54	31.82	0.00231	0.00	28.28	0.00264
2.12	26.16	0.00283	3.54	24.75	0.00296
4.95	23.33	0.00307	6.36	21.92	0.00315
7.78	20.51	0.00322	20.51	7.78	0.00310
21.92	6.36	0.00307	23.33	4.95	0.00304
24.75	3.54	0.00299	26.16	2.12	0.00294
28.28	0.00	0.00284	31.82	-3.54	0.00265
35.36	-7.07	0.00244	42.43	-14.14	0.00201
49.50	-21.21	0.00163	56.57	-28.28	0.00131
63.64	-35.36	0.00106	70.71	-42.43	0.00086
77.78	-49.50	0.00070	84.85	-56.57	0.00058
-49.50	91.92	0.00044	-42.43	84.85	0.00052
-35.36	77.78	0.00062	-28.28	70.71	0.00076
-21.21	63.64	0.00094	-14.14	56.57	0.00119
-7.07	49.50	0.00155	0.00	42.43	0.00207
3.54	38.89	0.00241	7.07	35.36	0.00280
9.19	33.23	0.00307	10.61	31.82	0.00325
12.02	30.41	0.00343	13.44	28.99	0.00361
14.85	27.58	0.00376	27.58	14.85	0.00377
28.99	13.44	0.00371	30.41	12.02	0.00363
31.82	10.61	0.00353	33.23	9.19	0.00342
35.36	7.07	0.00325	38.89	3.54	0.00294
42.43	0.00	0.00263	49.50	-7.07	0.00208
56.57	-14.14	0.00163	63.64	-21.21	0.00129
70.71	-28.28	0.00103	77.78	-35.36	0.00083
84.85	-42.43	0.00067	91.92	-49.50	0.00055
-42.43	98.99	0.00045	-35.36	91.92	0.00053
-28.28	84.85	0.00063	-21.21	77.78	0.00077
-14.14	70.71	0.00095	-7.07	63.64	0.00120
0.00	56.57	0.00157	7.07	49.50	0.00210
10.61	45.96	0.00246	14.14	42.43	0.00289

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00319	17.68	38.89	0.00341
19.09	37.48	0.00365	20.51	36.06	0.00392
21.92	34.65	0.00422	34.65	21.92	0.00453
36.06	20.51	0.00432	37.48	19.09	0.00411
38.89	17.68	0.00391	40.31	16.26	0.00372
42.43	14.14	0.00345	45.96	10.61	0.00304
49.50	7.07	0.00267	56.57	0.00	0.00206
63.64	-7.07	0.00160	70.71	-14.14	0.00125
77.78	-21.21	0.00098	84.85	-28.28	0.00078
91.92	-35.36	0.00063	98.99	-42.43	0.00051
-35.36	106.07	0.00046	-28.28	98.99	0.00054
-21.21	91.92	0.00064	-14.14	84.85	0.00078
-7.07	77.78	0.00096	0.00	70.71	0.00122
7.07	63.64	0.00159	14.14	56.57	0.00215
17.68	53.03	0.00253	21.21	49.50	0.00302
23.33	47.38	0.00338	24.75	45.96	0.00366
26.16	44.55	0.00398	27.58	43.13	0.00440
28.99	41.72	0.00497	41.72	28.99	0.00478
43.13	27.58	0.00447	44.55	26.16	0.00421
45.96	24.75	0.00398	47.38	23.33	0.00377
49.50	21.21	0.00347	53.03	17.68	0.00302
56.57	14.14	0.00263	63.64	7.07	0.00201
70.71	0.00	0.00154	77.78	-7.07	0.00119
84.85	-14.14	0.00093	91.92	-21.21	0.00073
98.99	-28.28	0.00059	106.07	-35.36	0.00048
-28.28	113.14	0.00047	-21.21	106.07	0.00055
-14.14	98.99	0.00066	-7.07	91.92	0.00081
0.00	84.85	0.00101	7.07	77.78	0.00129
14.14	70.71	0.00172	21.21	63.64	0.00248
24.75	60.10	0.00308	28.28	56.57	0.00394
30.41	54.45	0.00462	31.82	53.03	0.00513
33.23	51.62	0.00570	34.65	50.20	0.00634
36.06	48.79	0.00705	48.79	36.06	0.00489
50.20	34.65	0.00452	51.62	33.23	0.00422
53.03	31.82	0.00395	54.45	30.41	0.00372
56.57	28.28	0.00340	60.10	24.75	0.00293
63.64	21.21	0.00253	70.71	14.14	0.00190
77.78	7.07	0.00144	84.85	0.00	0.00110
91.92	-7.07	0.00086	98.99	-14.14	0.00068
106.07	-21.21	0.00054	113.14	-28.28	0.00044

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00050	-14.14	113.14	0.00059
-7.07	106.07	0.00071	0.00	98.99	0.00088
7.07	91.92	0.00113	14.14	84.85	0.00151
21.21	77.78	0.00214	28.28	70.71	0.00325
31.82	67.18	0.00407	35.36	63.64	0.00509
37.48	61.52	0.00580	38.89	60.10	0.00631
40.31	58.69	0.00685	41.72	57.28	0.00741
43.13	55.86	0.00803	55.86	43.13	0.00495
57.28	41.72	0.00453	58.69	40.31	0.00420
60.10	38.89	0.00391	61.52	37.48	0.00364
63.64	35.36	0.00329	67.18	31.82	0.00279
70.71	28.28	0.00238	77.78	21.21	0.00176
84.85	14.14	0.00131	91.92	7.07	0.00100
98.99	0.00	0.00077	106.07	-7.07	0.00061
113.14	-14.14	0.00049	120.21	-21.21	0.00040
-14.14	127.28	0.00054	-7.07	120.21	0.00065
0.00	113.14	0.00081	7.07	106.07	0.00103
14.14	98.99	0.00137	21.21	91.92	0.00189
28.28	84.85	0.00270	35.36	77.78	0.00394
38.89	74.25	0.00475	42.43	70.71	0.00572
44.55	68.59	0.00637	45.96	67.18	0.00684
47.38	65.76	0.00733	48.79	64.35	0.00784
50.20	62.93	0.00840	62.93	50.20	0.00489
64.35	48.79	0.00445	65.76	47.38	0.00409
67.18	45.96	0.00378	68.59	44.55	0.00350
70.71	42.43	0.00313	74.25	38.89	0.00262
77.78	35.36	0.00220	84.85	28.28	0.00158
91.92	21.21	0.00116	98.99	14.14	0.00088
106.07	7.07	0.00068	113.14	0.00	0.00054
120.21	-7.07	0.00044	127.28	-14.14	0.00036
-7.07	134.35	0.00061	0.00	127.28	0.00076
7.07	120.21	0.00096	14.14	113.14	0.00125
21.21	106.07	0.00167	28.28	98.99	0.00230
35.36	91.92	0.00317	42.43	84.85	0.00436
45.96	81.32	0.00511	49.50	77.78	0.00598
51.62	75.66	0.00656	53.03	74.25	0.00698

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00743	55.86	71.42	0.00791
57.28	70.00	0.00843	70.00	57.28	0.00470
71.42	55.86	0.00424	72.83	54.45	0.00386
74.25	53.03	0.00354	75.66	51.62	0.00326

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00289	81.32	45.96	0.00237
84.85	42.43	0.00197	91.92	35.36	0.00138
98.99	28.28	0.00101	106.07	21.21	0.00076
113.14	14.14	0.00060	120.21	7.07	0.00048
127.28	0.00	0.00040	134.35	-7.07	0.00033
0.00	141.42	0.00071	7.07	134.35	0.00090
14.14	127.28	0.00115	21.21	120.21	0.00150
28.28	113.14	0.00199	35.36	106.07	0.00264
42.43	98.99	0.00350	49.50	91.92	0.00460
53.03	88.39	0.00527	56.57	84.85	0.00602
58.69	82.73	0.00653	60.10	81.32	0.00690
61.52	79.90	0.00730	62.93	78.49	0.00774
64.35	77.07	0.00823	77.07	64.35	0.00437
78.49	62.93	0.00390	79.90	61.52	0.00352
81.32	60.10	0.00319	82.73	58.69	0.00291
84.85	56.57	0.00255	88.39	53.03	0.00206
91.92	49.50	0.00169	98.99	42.43	0.00118
106.07	35.36	0.00086	113.14	28.28	0.00066
120.21	21.21	0.00052	127.28	14.14	0.00043
134.35	7.07	0.00036	141.42	0.00	0.00030
7.07	148.49	0.00084	14.14	141.42	0.00105
21.21	134.35	0.00135	28.28	127.28	0.00174
35.36	120.21	0.00224	42.43	113.14	0.00289
49.50	106.07	0.00371	56.57	98.99	0.00473
60.10	95.46	0.00531	63.64	91.92	0.00597
65.76	89.80	0.00639	67.18	88.39	0.00670
68.59	86.97	0.00703	70.00	85.56	0.00740
71.42	84.15	0.00784	84.15	71.42	0.00388
85.56	70.00	0.00341	86.97	68.59	0.00303
88.39	67.18	0.00272	89.80	65.76	0.00245

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00212	95.46	60.10	0.00169
98.99	56.57	0.00139	106.07	49.50	0.00098
113.14	42.43	0.00074	120.21	35.36	0.00058
127.28	28.28	0.00047	134.35	21.21	0.00039
141.42	14.14	0.00033	148.49	7.07	0.00028
14.14	155.56	0.00096	21.21	148.49	0.00121
28.28	141.42	0.00152	35.36	134.35	0.00193
42.43	127.28	0.00243	49.50	120.21	0.00307
56.57	113.14	0.00385	63.64	106.07	0.00479
67.18	102.53	0.00532	70.71	98.99	0.00589

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00623	74.25	95.46	0.00647
75.66	94.05	0.00672	77.07	92.63	0.00700
78.49	91.22	0.00734	91.22	78.49	0.00320
92.63	77.07	0.00275	94.05	75.66	0.00241
95.46	74.25	0.00214	96.87	72.83	0.00193
98.99	70.71	0.00166	102.53	67.18	0.00135
106.07	63.64	0.00113	113.14	56.57	0.00085
120.21	49.50	0.00066	127.28	42.43	0.00053
134.35	35.36	0.00043	141.42	28.28	0.00036
148.49	21.21	0.00030	155.56	14.14	0.00026
21.21	162.63	0.00109	28.28	155.56	0.00135
35.36	148.49	0.00167	42.43	141.42	0.00207
49.50	134.35	0.00256	56.57	127.28	0.00317
63.64	120.21	0.00392	70.71	113.14	0.00480
74.25	109.60	0.00530	77.78	106.07	0.00580
79.90	103.94	0.00609	81.32	102.53	0.00629
82.73	101.12	0.00648	84.15	99.70	0.00669
85.56	98.29	0.00689	98.29	85.56	0.00238
99.70	84.15	0.00207	101.12	82.73	0.00185
102.53	81.32	0.00168	103.94	79.90	0.00154
106.07	77.78	0.00137	109.60	74.25	0.00115
113.14	70.71	0.00099	120.21	63.64	0.00076
127.28	56.57	0.00060	134.35	49.50	0.00048
141.42	42.43	0.00040	148.49	35.36	0.00033

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00028	162.63	21.21	0.00024
28.28	169.71	0.00120	35.36	162.63	0.00146
42.43	155.56	0.00178	49.50	148.49	0.00217
56.57	141.42	0.00265	63.64	134.35	0.00323
70.71	127.28	0.00392	77.78	120.21	0.00474
81.32	116.67	0.00518	84.85	113.14	0.00560
86.97	111.02	0.00584	88.39	109.60	0.00597
89.80	108.19	0.00608	91.22	106.77	0.00612
92.63	105.36	0.00606	105.36	92.63	0.00202
106.77	91.22	0.00181	108.19	89.80	0.00163
109.60	88.39	0.00149	111.02	86.97	0.00137
113.14	84.85	0.00123	116.67	81.32	0.00104
120.21	77.78	0.00089	127.28	70.71	0.00069
134.35	63.64	0.00055	141.42	56.57	0.00044
148.49	49.50	0.00036	155.56	42.43	0.00030
162.63	35.36	0.00026	169.71	28.28	0.00022

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00129	42.43	169.71	0.00154
49.50	162.63	0.00185	56.57	155.56	0.00222
63.64	148.49	0.00266	70.71	141.42	0.00318
77.78	134.35	0.00377	84.85	127.28	0.00433
88.39	123.74	0.00452	91.92	120.21	0.00455
94.05	118.09	0.00446	95.46	116.67	0.00436
96.87	115.26	0.00421	98.29	113.84	0.00403
99.70	112.43	0.00381	112.43	99.70	0.00174
113.84	98.29	0.00159	115.26	96.87	0.00146
116.67	95.46	0.00135	118.09	94.05	0.00125
120.21	91.92	0.00112	123.74	88.39	0.00096
127.28	84.85	0.00082	134.35	77.78	0.00064
141.42	70.71	0.00051	148.49	63.64	0.00041
155.56	56.57	0.00034	162.63	49.50	0.00028
169.71	42.43	0.00024	176.78	35.36	0.00021
42.43	183.85	0.00135	49.50	176.78	0.00159
56.57	169.71	0.00187	63.64	162.63	0.00220
70.71	155.56	0.00257	77.78	148.49	0.00296

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00330	91.92	134.35	0.00343
95.46	130.81	0.00337	98.99	127.28	0.00321
101.12	125.16	0.00307	102.53	123.74	0.00297
103.94	122.33	0.00285	105.36	120.92	0.00273
106.77	119.50	0.00261	119.50	106.77	0.00145
120.92	105.36	0.00134	122.33	103.94	0.00125
123.74	102.53	0.00117	125.16	101.12	0.00109
127.28	98.99	0.00100	130.81	95.46	0.00087
134.35	91.92	0.00076	141.42	84.85	0.00059
148.49	77.78	0.00047	155.56	70.71	0.00039
162.63	63.64	0.00032	169.71	56.57	0.00027
176.78	49.50	0.00023	183.85	42.43	0.00020
49.50	190.92	0.00137	56.57	183.85	0.00159
63.64	176.78	0.00183	70.71	169.71	0.00209
77.78	162.63	0.00235	84.85	155.56	0.00256
91.92	148.49	0.00266	98.99	141.42	0.00258
102.53	137.89	0.00248	106.07	134.35	0.00233
108.19	132.23	0.00223	109.60	130.81	0.00215
111.02	129.40	0.00208	112.43	127.99	0.00200
113.84	126.57	0.00193	126.57	113.84	0.00121
127.99	112.43	0.00113	129.40	111.02	0.00106
130.81	109.60	0.00100	132.23	108.19	0.00094

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00087	137.89	102.53	0.00077
141.42	98.99	0.00068	148.49	91.92	0.00055
155.56	84.85	0.00045	162.63	77.78	0.00037
169.71	70.71	0.00031	176.78	63.64	0.00026
183.85	56.57	0.00022	190.92	49.50	0.00019
56.57	197.99	0.00135	63.64	190.92	0.00153
70.71	183.85	0.00171	77.78	176.78	0.00189
84.85	169.71	0.00203	91.92	162.63	0.00211
98.99	155.56	0.00209	106.07	148.49	0.00197
109.60	144.96	0.00188	113.14	141.42	0.00176
115.26	139.30	0.00169	116.67	137.89	0.00164
118.09	136.47	0.00160	119.50	135.06	0.00155

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00151	133.64	120.92	0.00102
135.06	119.50	0.00096	136.47	118.09	0.00091
137.89	116.67	0.00086	139.30	115.26	0.00082
141.42	113.14	0.00076	144.96	109.60	0.00067
148.49	106.07	0.00061	155.56	98.99	0.00050
162.63	91.92	0.00042	169.71	84.85	0.00035
176.78	77.78	0.00029	183.85	70.71	0.00025
190.92	63.64	0.00021	197.99	56.57	0.00018
63.64	205.06	0.00129	70.71	197.99	0.00143
77.78	190.92	0.00155	84.85	183.85	0.00165
91.92	176.78	0.00171	98.99	169.71	0.00171
106.07	162.63	0.00166	113.14	155.56	0.00155
116.67	152.03	0.00147	120.21	148.49	0.00138
122.33	146.37	0.00134	123.74	144.96	0.00130
125.16	143.54	0.00127	126.57	142.13	0.00124
127.99	140.71	0.00121	140.71	127.99	0.00087
142.13	126.57	0.00082	143.54	125.16	0.00078
144.96	123.74	0.00074	146.37	122.33	0.00071
148.49	120.21	0.00066	152.03	116.67	0.00059
155.56	113.14	0.00054	162.63	106.07	0.00045
169.71	98.99	0.00038	176.78	91.92	0.00033
183.85	84.85	0.00028	190.92	77.78	0.00024
197.99	70.71	0.00020	205.06	63.64	0.00018
70.71	212.13	0.00120	77.78	205.06	0.00129
84.85	197.99	0.00136	91.92	190.92	0.00141
98.99	183.85	0.00142	106.07	176.78	0.00140
113.14	169.71	0.00134	120.21	162.63	0.00124
123.74	159.10	0.00118	127.28	155.56	0.00112

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00109	130.81	152.03	0.00106
132.23	150.61	0.00104	133.64	149.20	0.00102
135.06	147.79	0.00100	147.79	135.06	0.00074
149.20	133.64	0.00071	150.61	132.23	0.00068
152.03	130.81	0.00065	153.44	129.40	0.00062
155.56	127.28	0.00058	159.10	123.74	0.00052

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00048	169.71	113.14	0.00040
176.78	106.07	0.00035	183.85	98.99	0.00030
190.92	91.92	0.00026	197.99	84.85	0.00023
205.06	77.78	0.00020	212.13	70.71	0.00017
77.78	219.20	0.00109	84.85	212.13	0.00114
91.92	205.06	0.00118	98.99	197.99	0.00120
106.07	190.92	0.00119	113.14	183.85	0.00116
120.21	176.78	0.00110	127.28	169.71	0.00101
130.81	166.17	0.00097	134.35	162.63	0.00093
136.47	160.51	0.00090	137.89	159.10	0.00089
139.30	157.68	0.00087	140.71	156.27	0.00085
142.13	154.86	0.00084	154.86	142.13	0.00064
156.27	140.71	0.00062	157.68	139.30	0.00059
159.10	137.89	0.00057	160.51	136.47	0.00055
162.63	134.35	0.00051	166.17	130.81	0.00047
169.71	127.28	0.00043	176.78	120.21	0.00036
183.85	113.14	0.00032	190.92	106.07	0.00028
197.99	98.99	0.00024	205.06	91.92	0.00021
212.13	84.85	0.00019	219.20	77.78	0.00017
84.85	226.27	0.00097	91.92	219.20	0.00100
98.99	212.13	0.00102	106.07	205.06	0.00102
113.14	197.99	0.00101	120.21	190.92	0.00097
127.28	183.85	0.00091	134.35	176.78	0.00085
137.89	173.24	0.00081	141.42	169.71	0.00078
143.54	167.58	0.00076	144.96	166.17	0.00075
146.37	164.76	0.00074	147.79	163.34	0.00073
149.20	161.93	0.00071	161.93	149.20	0.00056
163.34	147.79	0.00054	164.76	146.37	0.00052
166.17	144.96	0.00050	167.58	143.54	0.00048
169.71	141.42	0.00046	173.24	137.89	0.00042
176.78	134.35	0.00038	183.85	127.28	0.00033
190.92	120.21	0.00029	197.99	113.14	0.00025
205.06	106.07	0.00023	212.13	98.99	0.00020
219.20	91.92	0.00018	226.27	84.85	0.00016

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00086	98.99	226.27	0.00088
106.07	219.20	0.00089	113.14	212.13	0.00088
120.21	205.06	0.00086	127.28	197.99	0.00082
134.35	190.92	0.00077	141.42	183.85	0.00072
144.96	180.31	0.00069	148.49	176.78	0.00067
150.61	174.66	0.00065	152.03	173.24	0.00064
153.44	171.83	0.00063	154.86	170.41	0.00062
156.27	169.00	0.00061	169.00	156.27	0.00050
170.41	154.86	0.00048	171.83	153.44	0.00046
173.24	152.03	0.00045	174.66	150.61	0.00043
176.78	148.49	0.00041	180.31	144.96	0.00037
183.85	141.42	0.00035	190.92	134.35	0.00030
197.99	127.28	0.00026	205.06	120.21	0.00023
212.13	113.14	0.00021	219.20	106.07	0.00019
226.27	98.99	0.00017	233.35	91.92	0.00015
98.99	240.42	0.00077	106.07	233.35	0.00077
113.14	226.27	0.00077	120.21	219.20	0.00076
127.28	212.13	0.00074	134.35	205.06	0.00070
141.42	197.99	0.00066	148.49	190.92	0.00062
152.03	187.38	0.00060	155.56	183.85	0.00058
157.68	181.73	0.00057	159.10	180.31	0.00056
160.51	178.90	0.00055	161.93	177.48	0.00054
163.34	176.07	0.00054	176.07	163.34	0.00044
177.48	161.93	0.00043	178.90	160.51	0.00041
180.31	159.10	0.00040	181.73	157.68	0.00039
183.85	155.56	0.00037	187.38	152.03	0.00034
190.92	148.49	0.00031	197.99	141.42	0.00027
205.06	134.35	0.00024	212.13	127.28	0.00022
219.20	120.21	0.00019	226.27	113.14	0.00017
233.35	106.07	0.00016	240.42	98.99	0.00014
106.07	247.49	0.00068	113.14	240.42	0.00068
120.21	233.35	0.00068	127.28	226.27	0.00066
134.35	219.20	0.00064	141.42	212.13	0.00061
148.49	205.06	0.00057	155.56	197.99	0.00054
159.10	194.45	0.00052	162.63	190.92	0.00051
164.76	188.80	0.00050	166.17	187.38	0.00049
167.58	185.97	0.00048	169.00	184.55	0.00048
170.41	183.14	0.00047	183.14	170.41	0.00039
184.55	169.00	0.00038	185.97	167.58	0.00037
187.38	166.17	0.00036	188.80	164.76	0.00035

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00033	194.45	159.10	0.00031	
197.99	155.56	0.00029	205.06	148.49	0.00025	
212.13	141.42	0.00022	219.20	134.35	0.00020	
226.27	127.28	0.00018	233.35	120.21	0.00016	
240.42	113.14	0.00015	247.49	106.07	0.00014	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00038	-160.51	-178.90	0.00038
-159.10	-180.31	0.00038	-157.68	-181.73	0.00038
-155.56	-183.85	0.00038	-152.03	-187.38	0.00038
-148.49	-190.92	0.00038	-141.42	-197.99	0.00037
-134.35	-205.06	0.00037	-127.28	-212.13	0.00036
-120.21	-219.20	0.00035	-113.14	-226.27	0.00034
-106.07	-233.35	0.00033	-98.99	-240.42	0.00032
-233.35	-91.92	0.00030	-226.27	-99.00	0.00033
-219.20	-106.07	0.00036	-212.13	-113.14	0.00039
-205.06	-120.21	0.00041	-197.99	-127.28	0.00042
-190.92	-134.35	0.00043	-183.85	-141.42	0.00043
-180.31	-144.96	0.00043	-176.78	-148.49	0.00043
-174.66	-150.61	0.00042	-173.24	-152.03	0.00042
-171.83	-153.44	0.00042	-170.41	-154.86	0.00042
-169.00	-156.27	0.00042	-156.27	-169.00	0.00041
-154.86	-170.41	0.00041	-153.44	-171.83	0.00041
-152.03	-173.24	0.00041	-150.61	-174.66	0.00041

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00041	-144.96	-180.31	0.00041
-141.42	-183.85	0.00041	-134.35	-190.92	0.00040
-127.28	-197.99	0.00039	-120.21	-205.06	0.00039
-113.14	-212.13	0.00038	-106.07	-219.20	0.00036
-98.99	-226.27	0.00035	-91.92	-233.35	0.00033
-226.27	-84.85	0.00031	-219.20	-91.92	0.00035
-212.13	-99.00	0.00038	-205.06	-106.07	0.00041
-197.99	-113.14	0.00044	-190.92	-120.21	0.00045
-183.85	-127.28	0.00046	-176.78	-134.35	0.00046
-173.24	-137.89	0.00046	-169.71	-141.42	0.00046
-167.58	-143.54	0.00046	-166.17	-144.96	0.00046
-164.76	-146.37	0.00046	-163.34	-147.79	0.00046
-161.93	-149.20	0.00046	-149.20	-161.93	0.00045
-147.79	-163.34	0.00045	-146.37	-164.76	0.00045
-144.96	-166.17	0.00045	-143.54	-167.58	0.00045
-141.42	-169.71	0.00044	-137.89	-173.24	0.00044
-134.35	-176.78	0.00044	-127.28	-183.85	0.00043

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00043	-113.14	-197.99	0.00042
-106.07	-205.06	0.00040	-98.99	-212.13	0.00039
-91.92	-219.20	0.00037	-84.85	-226.27	0.00035
-219.20	-77.78	0.00033	-212.13	-84.85	0.00036
-205.06	-91.92	0.00040	-197.99	-99.00	0.00044
-190.92	-106.07	0.00047	-183.85	-113.14	0.00049
-176.78	-120.21	0.00050	-169.71	-127.28	0.00051
-166.17	-130.81	0.00051	-162.63	-134.35	0.00050
-160.51	-136.47	0.00050	-159.10	-137.89	0.00050
-157.68	-139.30	0.00050	-156.27	-140.71	0.00050
-154.86	-142.13	0.00050	-142.13	-154.86	0.00049
-140.71	-156.27	0.00049	-139.30	-157.68	0.00049
-137.89	-159.10	0.00049	-136.47	-160.51	0.00049
-134.35	-162.63	0.00048	-130.81	-166.17	0.00048
-127.28	-169.71	0.00048	-120.21	-176.78	0.00047
-113.14	-183.85	0.00046	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00042
-84.85	-212.13	0.00040	-77.78	-219.20	0.00038
-212.13	-70.71	0.00034	-205.06	-77.78	0.00038
-197.99	-84.85	0.00042	-190.92	-91.92	0.00046
-183.85	-98.99	0.00050	-176.78	-106.07	0.00053
-169.71	-113.14	0.00055	-162.63	-120.21	0.00055
-159.10	-123.74	0.00055	-155.56	-127.28	0.00055

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

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00055	-152.03	-130.81	0.00055
-150.61	-132.23	0.00055	-149.20	-133.64	0.00055
-147.79	-135.06	0.00055	-135.06	-147.79	0.00053
-133.64	-149.20	0.00053	-132.23	-150.61	0.00053
-130.81	-152.03	0.00053	-129.40	-153.44	0.00053
-127.28	-155.56	0.00053	-123.74	-159.10	0.00053
-120.21	-162.63	0.00052	-113.14	-169.71	0.00051
-106.07	-176.78	0.00050	-98.99	-183.85	0.00049
-91.92	-190.92	0.00047	-84.85	-197.99	0.00045
-77.78	-205.06	0.00042	-70.71	-212.13	0.00040
-205.06	-63.64	0.00035	-197.99	-70.71	0.00039

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00044	-183.85	-84.85	0.00049
-176.78	-91.92	0.00054	-169.71	-98.99	0.00057
-162.63	-106.07	0.00060	-155.56	-113.14	0.00061
-152.03	-116.67	0.00061	-148.49	-120.21	0.00061
-146.37	-122.33	0.00061	-144.96	-123.74	0.00060
-143.54	-125.16	0.00060	-142.13	-126.57	0.00060
-140.71	-127.99	0.00060	-127.99	-140.71	0.00059
-126.57	-142.13	0.00059	-125.16	-143.54	0.00058
-123.74	-144.96	0.00058	-122.33	-146.37	0.00058
-120.21	-148.49	0.00058	-116.67	-152.03	0.00058
-113.14	-155.56	0.00057	-106.07	-162.63	0.00056
-98.99	-169.71	0.00055	-91.92	-176.78	0.00053
-84.85	-183.85	0.00051	-77.78	-190.92	0.00048
-70.71	-197.99	0.00045	-63.64	-205.06	0.00042
-197.99	-56.57	0.00036	-190.92	-63.64	0.00041
-183.85	-70.71	0.00046	-176.78	-77.78	0.00052
-169.71	-84.85	0.00057	-162.63	-91.92	0.00062
-155.56	-98.99	0.00066	-148.49	-106.07	0.00067
-144.96	-109.60	0.00067	-141.42	-113.14	0.00067
-139.30	-115.26	0.00067	-137.89	-116.67	0.00067
-136.47	-118.09	0.00067	-135.06	-119.50	0.00067
-133.64	-120.92	0.00066	-120.92	-133.64	0.00065
-119.50	-135.06	0.00065	-118.09	-136.47	0.00065
-116.67	-137.89	0.00064	-115.26	-139.30	0.00064
-113.14	-141.42	0.00064	-109.60	-144.96	0.00064
-106.07	-148.49	0.00063	-98.99	-155.56	0.00062
-91.92	-162.63	0.00060	-84.85	-169.71	0.00058
-77.78	-176.78	0.00055	-70.71	-183.85	0.00052
-63.64	-190.92	0.00048	-56.57	-197.99	0.00045

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

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

18:23:07
 **MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00037	-183.85	-56.57	0.00042
-176.78	-63.64	0.00048	-169.71	-70.71	0.00055
-162.63	-77.78	0.00061	-155.56	-84.85	0.00068
-148.49	-91.92	0.00072	-141.42	-98.99	0.00074
-137.89	-102.53	0.00075	-134.35	-106.07	0.00075

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00074	-130.81	-109.60	0.00074
-129.40	-111.02	0.00074	-127.99	-112.43	0.00074
-126.57	-113.84	0.00074	-113.84	-126.57	0.00072
-112.43	-127.99	0.00072	-111.02	-129.40	0.00072
-109.60	-130.81	0.00071	-108.19	-132.23	0.00071
-106.07	-134.35	0.00071	-102.53	-137.89	0.00070
-98.99	-141.42	0.00070	-91.92	-148.49	0.00068
-84.85	-155.56	0.00066	-77.78	-162.63	0.00063
-70.71	-169.71	0.00059	-63.64	-176.78	0.00056
-56.57	-183.85	0.00052	-49.50	-190.92	0.00048
-183.85	-42.43	0.00038	-176.78	-49.50	0.00043
-169.71	-56.57	0.00050	-162.63	-63.64	0.00057
-155.56	-70.71	0.00065	-148.49	-77.78	0.00073
-141.42	-84.85	0.00079	-134.35	-91.92	0.00083
-130.81	-95.46	0.00083	-127.28	-98.99	0.00083
-125.16	-101.12	0.00083	-123.74	-102.53	0.00083
-122.33	-103.94	0.00083	-120.92	-105.36	0.00083
-119.50	-106.77	0.00082	-106.77	-119.50	0.00080
-105.36	-120.92	0.00080	-103.94	-122.33	0.00080
-102.53	-123.74	0.00080	-101.12	-125.16	0.00079
-98.99	-127.28	0.00079	-95.46	-130.81	0.00078
-91.92	-134.35	0.00078	-84.85	-141.42	0.00076
-77.78	-148.49	0.00073	-70.71	-155.56	0.00069
-63.64	-162.63	0.00064	-56.57	-169.71	0.00060
-49.50	-176.78	0.00055	-42.43	-183.85	0.00051
-176.78	-35.36	0.00039	-169.71	-42.43	0.00045
-162.63	-49.50	0.00052	-155.56	-56.57	0.00060
-148.49	-63.64	0.00069	-141.42	-70.71	0.00079
-134.35	-77.78	0.00087	-127.28	-84.85	0.00092
-123.74	-88.39	0.00093	-120.21	-91.92	0.00094
-118.09	-94.05	0.00094	-116.67	-95.46	0.00094
-115.26	-96.87	0.00093	-113.84	-98.29	0.00093
-112.43	-99.70	0.00093	-99.70	-112.43	0.00090
-98.29	-113.84	0.00090	-96.87	-115.26	0.00090
-95.46	-116.67	0.00090	-94.05	-118.09	0.00089

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00089	-88.39	-123.74	0.00088
-84.85	-127.28	0.00087	-77.78	-134.35	0.00084
-70.71	-141.42	0.00080	-63.64	-148.49	0.00075
-56.57	-155.56	0.00070	-49.50	-162.63	0.00064
-42.43	-169.71	0.00059	-35.36	-176.78	0.00053
-169.71	-28.28	0.00040	-162.63	-35.36	0.00046
-155.56	-42.43	0.00054	-148.49	-49.50	0.00063
-141.42	-56.57	0.00073	-134.35	-63.64	0.00085
-127.28	-70.71	0.00096	-120.21	-77.78	0.00103
-116.67	-81.32	0.00105	-113.14	-84.85	0.00106
-111.02	-86.97	0.00106	-109.60	-88.39	0.00106
-108.19	-89.80	0.00106	-106.77	-91.22	0.00106
-105.36	-92.63	0.00105	-92.63	-105.36	0.00102
-91.22	-106.77	0.00102	-89.80	-108.19	0.00102
-88.39	-109.60	0.00101	-86.97	-111.02	0.00101
-84.85	-113.14	0.00100	-81.32	-116.67	0.00099
-77.78	-120.21	0.00098	-70.71	-127.28	0.00094
-63.64	-134.35	0.00089	-56.57	-141.42	0.00082
-49.50	-148.49	0.00076	-42.43	-155.56	0.00069
-35.36	-162.63	0.00062	-28.28	-169.71	0.00056
-162.63	-21.21	0.00041	-155.56	-28.28	0.00047
-148.49	-35.36	0.00055	-141.42	-42.43	0.00065
-134.35	-49.50	0.00077	-127.28	-56.57	0.00091
-120.21	-63.64	0.00105	-113.14	-70.71	0.00116
-109.60	-74.25	0.00119	-106.07	-77.78	0.00121
-103.94	-79.90	0.00121	-102.53	-81.32	0.00121
-101.12	-82.73	0.00121	-99.70	-84.15	0.00121
-98.29	-85.56	0.00121	-85.56	-98.29	0.00117
-84.15	-99.70	0.00116	-82.73	-101.12	0.00116
-81.32	-102.53	0.00115	-79.90	-103.94	0.00115
-77.78	-106.07	0.00114	-74.25	-109.60	0.00113
-70.71	-113.14	0.00111	-63.64	-120.21	0.00105
-56.57	-127.28	0.00098	-49.50	-134.35	0.00090
-42.43	-141.42	0.00082	-35.36	-148.49	0.00074
-28.28	-155.56	0.00066	-21.21	-162.63	0.00058
-155.56	-14.14	0.00041	-148.49	-21.21	0.00048
-141.42	-28.28	0.00057	-134.35	-35.36	0.00068
-127.28	-42.43	0.00081	-120.21	-49.50	0.00097
-113.14	-56.57	0.00115	-106.07	-63.64	0.00131
-102.53	-67.18	0.00136	-98.99	-70.71	0.00139

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00140	-95.46	-74.25	0.00140
-94.05	-75.66	0.00140	-92.63	-77.07	0.00139
-91.22	-78.49	0.00139	-78.49	-91.22	0.00134
-77.07	-92.63	0.00134	-75.66	-94.05	0.00133
-74.25	-95.46	0.00133	-72.83	-96.87	0.00132
-70.71	-98.99	0.00131	-67.18	-102.53	0.00129
-63.64	-106.07	0.00126	-56.57	-113.14	0.00119
-49.50	-120.21	0.00109	-42.43	-127.28	0.00099
-35.36	-134.35	0.00088	-28.28	-141.42	0.00078
-21.21	-148.49	0.00069	-14.14	-155.56	0.00060
-148.49	-7.07	0.00042	-141.42	-14.14	0.00049
-134.35	-21.21	0.00058	-127.28	-28.28	0.00070
-120.21	-35.36	0.00085	-113.14	-42.43	0.00103
-106.07	-49.50	0.00125	-98.99	-56.57	0.00146
-95.46	-60.10	0.00155	-91.92	-63.64	0.00160
-89.80	-65.76	0.00162	-88.39	-67.18	0.00162
-86.97	-68.59	0.00163	-85.56	-70.00	0.00162
-84.15	-71.42	0.00162	-71.42	-84.15	0.00156
-70.00	-85.56	0.00155	-68.59	-86.97	0.00155
-67.18	-88.39	0.00154	-65.76	-89.80	0.00153
-63.64	-91.92	0.00152	-60.10	-95.46	0.00149
-56.57	-98.99	0.00145	-49.50	-106.07	0.00134
-42.43	-113.14	0.00121	-35.36	-120.21	0.00108
-28.28	-127.28	0.00095	-21.21	-134.35	0.00082
-14.14	-141.42	0.00071	-7.07	-148.49	0.00062
-141.42	0.00	0.00042	-134.35	-7.07	0.00050
-127.28	-14.14	0.00059	-120.21	-21.21	0.00072
-113.14	-28.28	0.00088	-106.07	-35.36	0.00108
-98.99	-42.43	0.00134	-91.92	-49.50	0.00162
-88.39	-53.03	0.00175	-84.85	-56.57	0.00185
-82.73	-58.69	0.00188	-81.32	-60.10	0.00190
-79.90	-61.52	0.00191	-78.49	-62.93	0.00191
-77.07	-64.35	0.00190	-64.35	-77.07	0.00183
-62.93	-78.49	0.00182	-61.52	-79.90	0.00181
-60.10	-81.32	0.00180	-58.69	-82.73	0.00179
-56.57	-84.85	0.00177	-53.03	-88.39	0.00172
-49.50	-91.92	0.00166	-42.43	-98.99	0.00151

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00134	-28.28	-113.14	0.00116
-21.21	-120.21	0.00100	-14.14	-127.28	0.00086
-7.07	-134.35	0.00073	0.00	-141.42	0.00062

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00043	-127.28	0.00	0.00050
-120.21	-7.07	0.00060	-113.14	-14.14	0.00073
-106.07	-21.21	0.00090	-98.99	-28.28	0.00113
-91.92	-35.36	0.00142	-84.85	-42.43	0.00178
-81.32	-45.96	0.00196	-77.78	-49.50	0.00212
-75.66	-51.62	0.00219	-74.25	-53.03	0.00223
-72.83	-54.45	0.00225	-71.42	-55.86	0.00226
-70.00	-57.28	0.00226	-57.28	-70.00	0.00216
-55.86	-71.42	0.00215	-54.45	-72.83	0.00214
-53.03	-74.25	0.00212	-51.62	-75.66	0.00210
-49.50	-77.78	0.00207	-45.96	-81.32	0.00200
-42.43	-84.85	0.00191	-35.36	-91.92	0.00169
-28.28	-98.99	0.00146	-21.21	-106.07	0.00124
-14.14	-113.14	0.00104	-7.07	-120.21	0.00088
0.00	-127.28	0.00074	7.07	-134.35	0.00062
-127.28	14.14	0.00043	-120.21	7.07	0.00051
-113.14	0.00	0.00061	-106.07	-7.07	0.00074
-98.99	-14.14	0.00092	-91.92	-21.21	0.00116
-84.85	-28.28	0.00149	-77.78	-35.36	0.00191
-74.25	-38.89	0.00215	-70.71	-42.43	0.00240
-68.59	-44.55	0.00252	-67.18	-45.96	0.00259
-65.76	-47.38	0.00265	-64.35	-48.79	0.00268
-62.93	-50.20	0.00270	-50.20	-62.93	0.00258
-48.79	-64.35	0.00256	-47.38	-65.76	0.00254
-45.96	-67.18	0.00252	-44.55	-68.59	0.00249
-42.43	-70.71	0.00243	-38.89	-74.25	0.00232
-35.36	-77.78	0.00218	-28.28	-84.85	0.00187
-21.21	-91.92	0.00156	-14.14	-98.99	0.00129
-7.07	-106.07	0.00107	0.00	-113.14	0.00088
7.07	-120.21	0.00073	14.14	-127.28	0.00060
-120.21	21.21	0.00044	-113.14	14.14	0.00051

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00061	-98.99	0.00	0.00075
-91.92	-7.07	0.00093	-84.85	-14.14	0.00118
-77.78	-21.21	0.00153	-70.71	-28.28	0.00202
-67.18	-31.82	0.00231	-63.64	-35.36	0.00264
-61.52	-37.48	0.00283	-60.10	-38.89	0.00296
-58.69	-40.31	0.00307	-57.28	-41.72	0.00315
-55.86	-43.13	0.00322	-43.13	-55.86	0.00310
-41.72	-57.28	0.00307	-40.31	-58.69	0.00304
-38.89	-60.10	0.00299	-37.48	-61.52	0.00294

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

18:23:07
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00284	-31.82	-67.18	0.00265
-28.28	-70.71	0.00244	-21.21	-77.78	0.00201
-14.14	-84.85	0.00163	-7.07	-91.92	0.00131
0.00	-98.99	0.00106	7.07	-106.07	0.00086
14.14	-113.14	0.00070	21.21	-120.21	0.00058
-113.14	28.28	0.00044	-106.07	21.21	0.00052
-98.99	14.14	0.00062	-91.92	7.07	0.00076
-84.85	0.00	0.00094	-77.78	-7.07	0.00119
-70.71	-14.14	0.00155	-63.64	-21.21	0.00207
-60.10	-24.75	0.00241	-56.57	-28.28	0.00280
-54.45	-30.41	0.00307	-53.03	-31.82	0.00325
-51.62	-33.23	0.00343	-50.20	-34.65	0.00361
-48.79	-36.06	0.00376	-36.06	-48.79	0.00377
-34.65	-50.20	0.00371	-33.23	-51.62	0.00363
-31.82	-53.03	0.00353	-30.41	-54.45	0.00342
-28.28	-56.57	0.00325	-24.75	-60.10	0.00294
-21.21	-63.64	0.00263	-14.14	-70.71	0.00208
-7.07	-77.78	0.00163	0.00	-84.85	0.00129
7.07	-91.92	0.00103	14.14	-98.99	0.00083
21.21	-106.07	0.00067	28.28	-113.14	0.00055
-106.07	35.36	0.00045	-98.99	28.28	0.00053
-91.92	21.21	0.00063	-84.85	14.14	0.00077
-77.78	7.07	0.00095	-70.71	0.00	0.00120
-63.64	-7.07	0.00157	-56.57	-14.14	0.00210
-53.03	-17.68	0.00246	-49.50	-21.21	0.00289

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00319	-45.96	-24.75	0.00341
-44.55	-26.16	0.00365	-43.13	-27.58	0.00392
-41.72	-28.99	0.00422	-28.99	-41.72	0.00453
-27.58	-43.13	0.00432	-26.16	-44.55	0.00411
-24.75	-45.96	0.00391	-23.33	-47.38	0.00372
-21.21	-49.50	0.00345	-17.68	-53.03	0.00304
-14.14	-56.57	0.00267	-7.07	-63.64	0.00206
0.00	-70.71	0.00160	7.07	-77.78	0.00125
14.14	-84.85	0.00098	21.21	-91.92	0.00078
28.28	-98.99	0.00063	35.36	-106.07	0.00051
-98.99	42.43	0.00046	-91.92	35.36	0.00054
-84.85	28.28	0.00064	-77.78	21.21	0.00078
-70.71	14.14	0.00096	-63.64	7.07	0.00122
-56.57	0.00	0.00159	-49.50	-7.07	0.00215
-45.96	-10.61	0.00253	-42.43	-14.14	0.00302

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

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00338	-38.89	-17.68	0.00366
-37.48	-19.09	0.00398	-36.06	-20.51	0.00440
-34.65	-21.92	0.00497	-21.92	-34.65	0.00478
-20.51	-36.06	0.00447	-19.09	-37.48	0.00421
-17.68	-38.89	0.00398	-16.26	-40.31	0.00377
-14.14	-42.43	0.00347	-10.61	-45.96	0.00302
-7.07	-49.50	0.00263	0.00	-56.57	0.00201
7.07	-63.64	0.00154	14.14	-70.71	0.00119
21.21	-77.78	0.00093	28.28	-84.85	0.00073
35.36	-91.92	0.00059	42.43	-98.99	0.00048
-91.92	49.50	0.00047	-84.85	42.43	0.00055
-77.78	35.36	0.00066	-70.71	28.28	0.00081
-63.64	21.21	0.00101	-56.57	14.14	0.00129
-49.50	7.07	0.00172	-42.43	0.00	0.00248
-38.89	-3.54	0.00308	-35.36	-7.07	0.00394
-33.23	-9.19	0.00462	-31.82	-10.61	0.00513
-30.41	-12.02	0.00570	-28.99	-13.44	0.00634
-27.58	-14.85	0.00705	-14.85	-27.58	0.00489
-13.44	-28.99	0.00452	-12.02	-30.41	0.00422

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00395	-9.19	-33.23	0.00372
-7.07	-35.36	0.00340	-3.54	-38.89	0.00293
0.00	-42.43	0.00253	7.07	-49.50	0.00190
14.14	-56.57	0.00144	21.21	-63.64	0.00110
28.28	-70.71	0.00086	35.36	-77.78	0.00068
42.43	-84.85	0.00054	49.50	-91.92	0.00044
-84.85	56.57	0.00050	-77.78	49.50	0.00059
-70.71	42.43	0.00071	-63.64	35.36	0.00088
-56.57	28.28	0.00113	-49.50	21.21	0.00151
-42.43	14.14	0.00214	-35.36	7.07	0.00325
-31.82	3.54	0.00407	-28.28	0.00	0.00509
-26.16	-2.12	0.00580	-24.75	-3.54	0.00631
-23.33	-4.95	0.00685	-21.92	-6.36	0.00741
-20.51	-7.78	0.00803	-7.78	-20.51	0.00495
-6.36	-21.92	0.00453	-4.95	-23.33	0.00420
-3.54	-24.75	0.00391	-2.12	-26.16	0.00364
0.00	-28.28	0.00329	3.54	-31.82	0.00279
7.07	-35.36	0.00238	14.14	-42.43	0.00176
21.21	-49.50	0.00131	28.28	-56.57	0.00100
35.36	-63.64	0.00077	42.43	-70.71	0.00061
49.50	-77.78	0.00049	56.57	-84.85	0.00040

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

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00054	-70.71	56.57	0.00065
-63.64	49.50	0.00081	-56.57	42.43	0.00103
-49.50	35.36	0.00137	-42.43	28.28	0.00189
-35.36	21.21	0.00270	-28.28	14.14	0.00394
-24.75	10.61	0.00475	-21.21	7.07	0.00572
-19.09	4.95	0.00637	-17.68	3.54	0.00684
-16.26	2.12	0.00733	-14.85	0.71	0.00784
-13.44	-0.71	0.00840	-0.71	-13.44	0.00489
0.71	-14.85	0.00445	2.12	-16.26	0.00409
3.54	-17.68	0.00378	4.95	-19.09	0.00350
7.07	-21.21	0.00313	10.61	-24.75	0.00262
14.14	-28.28	0.00220	21.21	-35.36	0.00158
28.28	-42.43	0.00116	35.36	-49.50	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00068	49.50	-63.64	0.00054
56.57	-70.71	0.00044	63.64	-77.78	0.00036
-70.71	70.71	0.00061	-63.64	63.64	0.00076
-56.57	56.57	0.00096	-49.50	49.50	0.00125
-42.43	42.43	0.00167	-35.36	35.36	0.00230
-28.28	28.28	0.00317	-21.21	21.21	0.00436
-17.68	17.68	0.00511	-14.14	14.14	0.00598
-12.02	12.02	0.00656	-10.61	10.61	0.00698
-9.19	9.19	0.00743	-7.78	7.78	0.00791
-6.36	6.36	0.00843	6.36	-6.36	0.00470
7.78	-7.78	0.00424	9.19	-9.19	0.00386
10.61	-10.61	0.00354	12.02	-12.02	0.00326
14.14	-14.14	0.00289	17.68	-17.68	0.00237
21.21	-21.21	0.00197	28.28	-28.28	0.00138
35.36	-35.36	0.00101	42.43	-42.43	0.00076
49.50	-49.50	0.00060	56.57	-56.57	0.00048
63.64	-63.64	0.00040	70.71	-70.71	0.00033
-63.64	77.78	0.00071	-56.57	70.71	0.00090
-49.50	63.64	0.00115	-42.43	56.57	0.00150
-35.36	49.50	0.00199	-28.28	42.43	0.00264
-21.21	35.36	0.00350	-14.14	28.28	0.00460
-10.61	24.75	0.00527	-7.07	21.21	0.00602
-4.95	19.09	0.00653	-3.54	17.68	0.00690
-2.12	16.26	0.00730	-0.71	14.85	0.00774
0.71	13.44	0.00823	13.44	0.71	0.00437
14.85	-0.71	0.00390	16.26	-2.12	0.00352
17.68	-3.54	0.00319	19.09	-4.95	0.00291

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00255	24.75	-10.61	0.00206
28.28	-14.14	0.00169	35.36	-21.21	0.00118
42.43	-28.28	0.00086	49.50	-35.36	0.00066
56.57	-42.43	0.00052	63.64	-49.50	0.00043
70.71	-56.57	0.00036	77.78	-63.64	0.00030
-56.57	84.85	0.00084	-49.50	77.78	0.00105
-42.43	70.71	0.00135	-35.36	63.64	0.00174

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00224	-21.21	49.50	0.00289
-14.14	42.43	0.00371	-7.07	35.36	0.00473
-3.54	31.82	0.00531	0.00	28.28	0.00597
2.12	26.16	0.00639	3.54	24.75	0.00670
4.95	23.33	0.00703	6.36	21.92	0.00740
7.78	20.51	0.00784	20.51	7.78	0.00388
21.92	6.36	0.00341	23.33	4.95	0.00303
24.75	3.54	0.00272	26.16	2.12	0.00245
28.28	0.00	0.00212	31.82	-3.54	0.00169
35.36	-7.07	0.00139	42.43	-14.14	0.00098
49.50	-21.21	0.00074	56.57	-28.28	0.00058
63.64	-35.36	0.00047	70.71	-42.43	0.00039
77.78	-49.50	0.00033	84.85	-56.57	0.00028
-49.50	91.92	0.00096	-42.43	84.85	0.00121
-35.36	77.78	0.00152	-28.28	70.71	0.00193
-21.21	63.64	0.00243	-14.14	56.57	0.00307
-7.07	49.50	0.00385	0.00	42.43	0.00479
3.54	38.89	0.00532	7.07	35.36	0.00589
9.19	33.23	0.00623	10.61	31.82	0.00647
12.02	30.41	0.00672	13.44	28.99	0.00700
14.85	27.58	0.00734	27.58	14.85	0.00320
28.99	13.44	0.00275	30.41	12.02	0.00241
31.82	10.61	0.00214	33.23	9.19	0.00193
35.36	7.07	0.00166	38.89	3.54	0.00135
42.43	0.00	0.00113	49.50	-7.07	0.00085
56.57	-14.14	0.00066	63.64	-21.21	0.00053
70.71	-28.28	0.00043	77.78	-35.36	0.00036
84.85	-42.43	0.00030	91.92	-49.50	0.00026
-42.43	98.99	0.00109	-35.36	91.92	0.00135
-28.28	84.85	0.00167	-21.21	77.78	0.00207
-14.14	70.71	0.00256	-7.07	63.64	0.00317
0.00	56.57	0.00392	7.07	49.50	0.00480
10.61	45.96	0.00530	14.14	42.43	0.00580

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

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00609	17.68	38.89	0.00629

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00648	20.51	36.06	0.00669
21.92	34.65	0.00689	34.65	21.92	0.00238
36.06	20.51	0.00207	37.48	19.09	0.00185
38.89	17.68	0.00168	40.31	16.26	0.00154
42.43	14.14	0.00137	45.96	10.61	0.00115
49.50	7.07	0.00099	56.57	0.00	0.00076
63.64	-7.07	0.00060	70.71	-14.14	0.00048
77.78	-21.21	0.00040	84.85	-28.28	0.00033
91.92	-35.36	0.00028	98.99	-42.43	0.00024
-35.36	106.07	0.00120	-28.28	98.99	0.00146
-21.21	91.92	0.00178	-14.14	84.85	0.00217
-7.07	77.78	0.00265	0.00	70.71	0.00323
7.07	63.64	0.00392	14.14	56.57	0.00474
17.68	53.03	0.00518	21.21	49.50	0.00560
23.33	47.38	0.00584	24.75	45.96	0.00597
26.16	44.55	0.00608	27.58	43.13	0.00612
28.99	41.72	0.00606	41.72	28.99	0.00202
43.13	27.58	0.00181	44.55	26.16	0.00163
45.96	24.75	0.00149	47.38	23.33	0.00137
49.50	21.21	0.00123	53.03	17.68	0.00104
56.57	14.14	0.00089	63.64	7.07	0.00069
70.71	0.00	0.00055	77.78	-7.07	0.00044
84.85	-14.14	0.00036	91.92	-21.21	0.00030
98.99	-28.28	0.00026	106.07	-35.36	0.00022
-28.28	113.14	0.00129	-21.21	106.07	0.00154
-14.14	98.99	0.00185	-7.07	91.92	0.00222
0.00	84.85	0.00266	7.07	77.78	0.00318
14.14	70.71	0.00377	21.21	63.64	0.00433
24.75	60.10	0.00452	28.28	56.57	0.00455
30.41	54.45	0.00446	31.82	53.03	0.00436
33.23	51.62	0.00421	34.65	50.20	0.00403
36.06	48.79	0.00381	48.79	36.06	0.00174
50.20	34.65	0.00159	51.62	33.23	0.00146
53.03	31.82	0.00135	54.45	30.41	0.00125
56.57	28.28	0.00112	60.10	24.75	0.00096
63.64	21.21	0.00082	70.71	14.14	0.00064
77.78	7.07	0.00051	84.85	0.00	0.00041
91.92	-7.07	0.00034	98.99	-14.14	0.00028
106.07	-21.21	0.00024	113.14	-28.28	0.00021

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00135	-14.14	113.14	0.00159
-7.07	106.07	0.00187	0.00	98.99	0.00220
7.07	91.92	0.00257	14.14	84.85	0.00296
21.21	77.78	0.00330	28.28	70.71	0.00343
31.82	67.18	0.00337	35.36	63.64	0.00321
37.48	61.52	0.00307	38.89	60.10	0.00297
40.31	58.69	0.00285	41.72	57.28	0.00273
43.13	55.86	0.00261	55.86	43.13	0.00145
57.28	41.72	0.00134	58.69	40.31	0.00125
60.10	38.89	0.00117	61.52	37.48	0.00109
63.64	35.36	0.00100	67.18	31.82	0.00087
70.71	28.28	0.00076	77.78	21.21	0.00059
84.85	14.14	0.00047	91.92	7.07	0.00039
98.99	0.00	0.00032	106.07	-7.07	0.00027
113.14	-14.14	0.00023	120.21	-21.21	0.00020
-14.14	127.28	0.00137	-7.07	120.21	0.00159
0.00	113.14	0.00183	7.07	106.07	0.00209
14.14	98.99	0.00235	21.21	91.92	0.00256
28.28	84.85	0.00266	35.36	77.78	0.00258
38.89	74.25	0.00248	42.43	70.71	0.00233
44.55	68.59	0.00223	45.96	67.18	0.00215
47.38	65.76	0.00208	48.79	64.35	0.00200
50.20	62.93	0.00193	62.93	50.20	0.00121
64.35	48.79	0.00113	65.76	47.38	0.00106
67.18	45.96	0.00100	68.59	44.55	0.00094
70.71	42.43	0.00087	74.25	38.89	0.00077
77.78	35.36	0.00068	84.85	28.28	0.00055
91.92	21.21	0.00045	98.99	14.14	0.00037
106.07	7.07	0.00031	113.14	0.00	0.00026
120.21	-7.07	0.00022	127.28	-14.14	0.00019
-7.07	134.35	0.00135	0.00	127.28	0.00153
7.07	120.21	0.00171	14.14	113.14	0.00189
21.21	106.07	0.00203	28.28	98.99	0.00211
35.36	91.92	0.00209	42.43	84.85	0.00197
45.96	81.32	0.00188	49.50	77.78	0.00176
51.62	75.66	0.00169	53.03	74.25	0.00164
54.45	72.83	0.00160	55.86	71.42	0.00155
57.28	70.00	0.00151	70.00	57.28	0.00102
71.42	55.86	0.00096	72.83	54.45	0.00091

74.25 53.03 0.00086 75.66 51.62 0.00082

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00076	81.32	45.96	0.00067
84.85	42.43	0.00061	91.92	35.36	0.00050
98.99	28.28	0.00042	106.07	21.21	0.00035
113.14	14.14	0.00029	120.21	7.07	0.00025
127.28	0.00	0.00021	134.35	-7.07	0.00018
0.00	141.42	0.00129	7.07	134.35	0.00143
14.14	127.28	0.00155	21.21	120.21	0.00165
28.28	113.14	0.00171	35.36	106.07	0.00171
42.43	98.99	0.00166	49.50	91.92	0.00155
53.03	88.39	0.00147	56.57	84.85	0.00138
58.69	82.73	0.00134	60.10	81.32	0.00130
61.52	79.90	0.00127	62.93	78.49	0.00124
64.35	77.07	0.00121	77.07	64.35	0.00087
78.49	62.93	0.00082	79.90	61.52	0.00078
81.32	60.10	0.00074	82.73	58.69	0.00071
84.85	56.57	0.00066	88.39	53.03	0.00059
91.92	49.50	0.00054	98.99	42.43	0.00045
106.07	35.36	0.00038	113.14	28.28	0.00033
120.21	21.21	0.00028	127.28	14.14	0.00024
134.35	7.07	0.00020	141.42	0.00	0.00018
7.07	148.49	0.00120	14.14	141.42	0.00129
21.21	134.35	0.00136	28.28	127.28	0.00141
35.36	120.21	0.00142	42.43	113.14	0.00140
49.50	106.07	0.00134	56.57	98.99	0.00124
60.10	95.46	0.00118	63.64	91.92	0.00112
65.76	89.80	0.00109	67.18	88.39	0.00106
68.59	86.97	0.00104	70.00	85.56	0.00102
71.42	84.15	0.00100	84.15	71.42	0.00074
85.56	70.00	0.00071	86.97	68.59	0.00068
88.39	67.18	0.00065	89.80	65.76	0.00062
91.92	63.64	0.00058	95.46	60.10	0.00052
98.99	56.57	0.00048	106.07	49.50	0.00040
113.14	42.43	0.00035	120.21	35.36	0.00030

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00026	134.35	21.21	0.00023
141.42	14.14	0.00020	148.49	7.07	0.00017
14.14	155.56	0.00109	21.21	148.49	0.00114
28.28	141.42	0.00118	35.36	134.35	0.00120
42.43	127.28	0.00119	49.50	120.21	0.00116
56.57	113.14	0.00110	63.64	106.07	0.00101
67.18	102.53	0.00097	70.71	98.99	0.00093

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00090	74.25	95.46	0.00089
75.66	94.05	0.00087	77.07	92.63	0.00085
78.49	91.22	0.00084	91.22	78.49	0.00064
92.63	77.07	0.00062	94.05	75.66	0.00059
95.46	74.25	0.00057	96.87	72.83	0.00055
98.99	70.71	0.00051	102.53	67.18	0.00047
106.07	63.64	0.00043	113.14	56.57	0.00036
120.21	49.50	0.00032	127.28	42.43	0.00028
134.35	35.36	0.00024	141.42	28.28	0.00021
148.49	21.21	0.00019	155.56	14.14	0.00017
21.21	162.63	0.00097	28.28	155.56	0.00100
35.36	148.49	0.00102	42.43	141.42	0.00102
49.50	134.35	0.00101	56.57	127.28	0.00097
63.64	120.21	0.00091	70.71	113.14	0.00085
74.25	109.60	0.00081	77.78	106.07	0.00078
79.90	103.94	0.00076	81.32	102.53	0.00075
82.73	101.12	0.00074	84.15	99.70	0.00073
85.56	98.29	0.00071	98.29	85.56	0.00056
99.70	84.15	0.00054	101.12	82.73	0.00052
102.53	81.32	0.00050	103.94	79.90	0.00048
106.07	77.78	0.00046	109.60	74.25	0.00042
113.14	70.71	0.00038	120.21	63.64	0.00033
127.28	56.57	0.00029	134.35	49.50	0.00025
141.42	42.43	0.00023	148.49	35.36	0.00020
155.56	28.28	0.00018	162.63	21.21	0.00016
28.28	169.71	0.00086	35.36	162.63	0.00088
42.43	155.56	0.00089	49.50	148.49	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00086	63.64	134.35	0.00082
70.71	127.28	0.00077	77.78	120.21	0.00072
81.32	116.67	0.00069	84.85	113.14	0.00067
86.97	111.02	0.00065	88.39	109.60	0.00064
89.80	108.19	0.00063	91.22	106.77	0.00062
92.63	105.36	0.00061	105.36	92.63	0.00050
106.77	91.22	0.00048	108.19	89.80	0.00046
109.60	88.39	0.00045	111.02	86.97	0.00043
113.14	84.85	0.00041	116.67	81.32	0.00037
120.21	77.78	0.00035	127.28	70.71	0.00030
134.35	63.64	0.00026	141.42	56.57	0.00023
148.49	49.50	0.00021	155.56	42.43	0.00019
162.63	35.36	0.00017	169.71	28.28	0.00015

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00077	42.43	169.71	0.00077
49.50	162.63	0.00077	56.57	155.56	0.00076
63.64	148.49	0.00074	70.71	141.42	0.00070
77.78	134.35	0.00066	84.85	127.28	0.00062
88.39	123.74	0.00060	91.92	120.21	0.00058
94.05	118.09	0.00057	95.46	116.67	0.00056
96.87	115.26	0.00055	98.29	113.84	0.00054
99.70	112.43	0.00054	112.43	99.70	0.00044
113.84	98.29	0.00043	115.26	96.87	0.00041
116.67	95.46	0.00040	118.09	94.05	0.00039
120.21	91.92	0.00037	123.74	88.39	0.00034
127.28	84.85	0.00031	134.35	77.78	0.00027
141.42	70.71	0.00024	148.49	63.64	0.00022
155.56	56.57	0.00019	162.63	49.50	0.00017
169.71	42.43	0.00016	176.78	35.36	0.00014
42.43	183.85	0.00068	49.50	176.78	0.00068
56.57	169.71	0.00068	63.64	162.63	0.00066
70.71	155.56	0.00064	77.78	148.49	0.00061
84.85	141.42	0.00057	91.92	134.35	0.00054
95.46	130.81	0.00052	98.99	127.28	0.00051
101.12	125.16	0.00050	102.53	123.74	0.00049

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00048	105.36	120.92	0.00048
106.77	119.50	0.00047	119.50	106.77	0.00039
120.92	105.36	0.00038	122.33	103.94	0.00037
123.74	102.53	0.00036	125.16	101.12	0.00035
127.28	98.99	0.00033	130.81	95.46	0.00031
134.35	91.92	0.00029	141.42	84.85	0.00025
148.49	77.78	0.00022	155.56	70.71	0.00020
162.63	63.64	0.00018	169.71	56.57	0.00016
176.78	49.50	0.00015	183.85	42.43	0.00014
49.50	190.92	0.00061	56.57	183.85	0.00061
63.64	176.78	0.00060	70.71	169.71	0.00058
77.78	162.63	0.00056	84.85	155.56	0.00053
91.92	148.49	0.00050	98.99	141.42	0.00047
102.53	137.89	0.00046	106.07	134.35	0.00045
108.19	132.23	0.00044	109.60	130.81	0.00043
111.02	129.40	0.00043	112.43	127.99	0.00042
113.84	126.57	0.00042	126.57	113.84	0.00035
127.99	112.43	0.00034	129.40	111.02	0.00033
130.81	109.60	0.00032	132.23	108.19	0.00032

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

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

18:23:07
 **MODELOPTs:
 PAGE 79
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00030	137.89	102.53	0.00028
141.42	98.99	0.00026	148.49	91.92	0.00023
155.56	84.85	0.00020	162.63	77.78	0.00018
169.71	70.71	0.00017	176.78	63.64	0.00015
183.85	56.57	0.00014	190.92	49.50	0.00013
56.57	197.99	0.00054	63.64	190.92	0.00054
70.71	183.85	0.00053	77.78	176.78	0.00051
84.85	169.71	0.00049	91.92	162.63	0.00046
98.99	155.56	0.00044	106.07	148.49	0.00042
109.60	144.96	0.00041	113.14	141.42	0.00040
115.26	139.30	0.00039	116.67	137.89	0.00039
118.09	136.47	0.00038	119.50	135.06	0.00038
120.92	133.64	0.00037	133.64	120.92	0.00032
135.06	119.50	0.00031	136.47	118.09	0.00030
137.89	116.67	0.00029	139.30	115.26	0.00029

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00028	144.96	109.60	0.00026
148.49	106.07	0.00024	155.56	98.99	0.00021
162.63	91.92	0.00019	169.71	84.85	0.00017
176.78	77.78	0.00016	183.85	70.71	0.00014
190.92	63.64	0.00013	197.99	56.57	0.00012
63.64	205.06	0.00049	70.71	197.99	0.00048
77.78	190.92	0.00047	84.85	183.85	0.00045
91.92	176.78	0.00043	98.99	169.71	0.00041
106.07	162.63	0.00039	113.14	155.56	0.00037
116.67	152.03	0.00036	120.21	148.49	0.00036
122.33	146.37	0.00035	123.74	144.96	0.00035
125.16	143.54	0.00034	126.57	142.13	0.00034
127.99	140.71	0.00033	140.71	127.99	0.00029
142.13	126.57	0.00028	143.54	125.16	0.00027
144.96	123.74	0.00027	146.37	122.33	0.00026
148.49	120.21	0.00025	152.03	116.67	0.00024
155.56	113.14	0.00022	162.63	106.07	0.00020
169.71	98.99	0.00018	176.78	91.92	0.00016
183.85	84.85	0.00015	190.92	77.78	0.00013
197.99	70.71	0.00012	205.06	63.64	0.00011
70.71	212.13	0.00044	77.78	205.06	0.00043
84.85	197.99	0.00042	91.92	190.92	0.00040
98.99	183.85	0.00039	106.07	176.78	0.00037
113.14	169.71	0.00035	120.21	162.63	0.00034
123.74	159.10	0.00033	127.28	155.56	0.00032

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S) : NCRA_S3 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00032	130.81	152.03	0.00031
132.23	150.61	0.00031	133.64	149.20	0.00031
135.06	147.79	0.00030	147.79	135.06	0.00026
149.20	133.64	0.00026	150.61	132.23	0.00025
152.03	130.81	0.00025	153.44	129.40	0.00024
155.56	127.28	0.00023	159.10	123.74	0.00022
162.63	120.21	0.00020	169.71	113.14	0.00018
176.78	106.07	0.00016	183.85	98.99	0.00015
190.92	91.92	0.00014	197.99	84.85	0.00013

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00012	212.13	70.71	0.00011
77.78	219.20	0.00040	84.85	212.13	0.00039
91.92	205.06	0.00038	98.99	197.99	0.00036
106.07	190.92	0.00035	113.14	183.85	0.00033
120.21	176.78	0.00032	127.28	169.71	0.00030
130.81	166.17	0.00030	134.35	162.63	0.00029
136.47	160.51	0.00029	137.89	159.10	0.00028
139.30	157.68	0.00028	140.71	156.27	0.00028
142.13	154.86	0.00027	154.86	142.13	0.00024
156.27	140.71	0.00024	157.68	139.30	0.00023
159.10	137.89	0.00023	160.51	136.47	0.00022
162.63	134.35	0.00021	166.17	130.81	0.00020
169.71	127.28	0.00019	176.78	120.21	0.00017
183.85	113.14	0.00015	190.92	106.07	0.00014
197.99	98.99	0.00013	205.06	91.92	0.00012
212.13	84.85	0.00011	219.20	77.78	0.00010
84.85	226.27	0.00036	91.92	219.20	0.00035
98.99	212.13	0.00034	106.07	205.06	0.00033
113.14	197.99	0.00031	120.21	190.92	0.00030
127.28	183.85	0.00029	134.35	176.78	0.00028
137.89	173.24	0.00027	141.42	169.71	0.00026
143.54	167.58	0.00026	144.96	166.17	0.00026
146.37	164.76	0.00026	147.79	163.34	0.00025
149.20	161.93	0.00025	161.93	149.20	0.00022
163.34	147.79	0.00022	164.76	146.37	0.00021
166.17	144.96	0.00021	167.58	143.54	0.00020
169.71	141.42	0.00020	173.24	137.89	0.00019
176.78	134.35	0.00018	183.85	127.28	0.00016
190.92	120.21	0.00014	197.99	113.14	0.00013
205.06	106.07	0.00012	212.13	98.99	0.00011
219.20	91.92	0.00010	226.27	84.85	0.00010

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00033	98.99	226.27	0.00032
106.07	219.20	0.00031	113.14	212.13	0.00029
120.21	205.06	0.00028	127.28	197.99	0.00027

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00026	141.42	183.85	0.00025
144.96	180.31	0.00025	148.49	176.78	0.00024
150.61	174.66	0.00024	152.03	173.24	0.00024
153.44	171.83	0.00023	154.86	170.41	0.00023
156.27	169.00	0.00023	169.00	156.27	0.00020
170.41	154.86	0.00020	171.83	153.44	0.00020
173.24	152.03	0.00019	174.66	150.61	0.00019
176.78	148.49	0.00018	180.31	144.96	0.00017
183.85	141.42	0.00017	190.92	134.35	0.00015
197.99	127.28	0.00013	205.06	120.21	0.00012
212.13	113.14	0.00011	219.20	106.07	0.00011
226.27	98.99	0.00010	233.35	91.92	0.00009
98.99	240.42	0.00030	106.07	233.35	0.00029
113.14	226.27	0.00028	120.21	219.20	0.00027
127.28	212.13	0.00026	134.35	205.06	0.00025
141.42	197.99	0.00024	148.49	190.92	0.00023
152.03	187.38	0.00023	155.56	183.85	0.00022
157.68	181.73	0.00022	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00021
163.34	176.07	0.00021	176.07	163.34	0.00019
177.48	161.93	0.00018	178.90	160.51	0.00018
180.31	159.10	0.00018	181.73	157.68	0.00018
183.85	155.56	0.00017	187.38	152.03	0.00016
190.92	148.49	0.00015	197.99	141.42	0.00014
205.06	134.35	0.00013	212.13	127.28	0.00012
219.20	120.21	0.00011	226.27	113.14	0.00010
233.35	106.07	0.00009	240.42	98.99	0.00009
106.07	247.49	0.00027	113.14	240.42	0.00026
120.21	233.35	0.00025	127.28	226.27	0.00024
134.35	219.20	0.00024	141.42	212.13	0.00023
148.49	205.06	0.00022	155.56	197.99	0.00021
159.10	194.45	0.00021	162.63	190.92	0.00020
164.76	188.80	0.00020	166.17	187.38	0.00020
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00020	183.14	170.41	0.00017
184.55	169.00	0.00017	185.97	167.58	0.00017
187.38	166.17	0.00017	188.80	164.76	0.00016

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00016	194.45	159.10	0.00015
197.99	155.56	0.00014	205.06	148.49	0.00013
212.13	141.42	0.00012	219.20	134.35	0.00011
226.27	127.28	0.00010	233.35	120.21	0.00009
240.42	113.14	0.00009	247.49	106.07	0.00008

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

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00038	-240.42	-113.14	0.00043
-233.35	-120.21	0.00050	-226.27	-127.28	0.00057
-219.20	-134.35	0.00065	-212.13	-141.42	0.00073
-205.06	-148.49	0.00079	-197.99	-155.56	0.00083
-194.45	-159.10	0.00083	-190.92	-162.63	0.00083
-188.80	-164.76	0.00083	-187.38	-166.17	0.00083
-185.97	-167.58	0.00083	-184.55	-169.00	0.00083
-183.14	-170.41	0.00082	-170.41	-183.14	0.00080
-169.00	-184.55	0.00080	-167.58	-185.97	0.00080
-166.17	-187.38	0.00080	-164.76	-188.80	0.00079
-162.63	-190.92	0.00079	-159.10	-194.45	0.00078
-155.56	-197.99	0.00078	-148.49	-205.06	0.00076
-141.42	-212.13	0.00073	-134.35	-219.20	0.00069
-127.28	-226.27	0.00064	-120.21	-233.35	0.00060
-113.14	-240.42	0.00055	-106.07	-247.49	0.00051
-240.42	-98.99	0.00039	-233.35	-106.07	0.00045
-226.27	-113.14	0.00052	-219.20	-120.21	0.00060
-212.13	-127.28	0.00069	-205.06	-134.35	0.00079
-197.99	-141.42	0.00087	-190.92	-148.49	0.00092
-187.38	-152.03	0.00093	-183.85	-155.56	0.00094
-181.73	-157.68	0.00094	-180.31	-159.10	0.00094
-178.90	-160.51	0.00093	-177.48	-161.93	0.00093
-176.07	-163.34	0.00093	-163.34	-176.07	0.00090
-161.93	-177.48	0.00090	-160.51	-178.90	0.00090
-159.10	-180.31	0.00090	-157.68	-181.73	0.00089
-155.56	-183.85	0.00089	-152.03	-187.38	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00087	-141.42	-197.99	0.00084
-134.35	-205.06	0.00080	-127.28	-212.13	0.00075
-120.21	-219.20	0.00070	-113.14	-226.27	0.00064
-106.07	-233.35	0.00059	-98.99	-240.42	0.00053
-233.35	-91.92	0.00040	-226.27	-99.00	0.00046
-219.20	-106.07	0.00054	-212.13	-113.14	0.00063
-205.06	-120.21	0.00073	-197.99	-127.28	0.00085
-190.92	-134.35	0.00096	-183.85	-141.42	0.00103
-180.31	-144.96	0.00105	-176.78	-148.49	0.00106
-174.66	-150.61	0.00106	-173.24	-152.03	0.00106
-171.83	-153.44	0.00106	-170.41	-154.86	0.00106
-169.00	-156.27	0.00105	-156.27	-169.00	0.00102
-154.86	-170.41	0.00102	-153.44	-171.83	0.00102
-152.03	-173.24	0.00101	-150.61	-174.66	0.00101

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00100	-144.96	-180.31	0.00099
-141.42	-183.85	0.00098	-134.35	-190.92	0.00094
-127.28	-197.99	0.00089	-120.21	-205.06	0.00082
-113.14	-212.13	0.00076	-106.07	-219.20	0.00069
-98.99	-226.27	0.00062	-91.92	-233.35	0.00056
-226.27	-84.85	0.00041	-219.20	-91.92	0.00047
-212.13	-99.00	0.00055	-205.06	-106.07	0.00065
-197.99	-113.14	0.00077	-190.92	-120.21	0.00091
-183.85	-127.28	0.00105	-176.78	-134.35	0.00116
-173.24	-137.89	0.00119	-169.71	-141.42	0.00121
-167.58	-143.54	0.00121	-166.17	-144.96	0.00121
-164.76	-146.37	0.00121	-163.34	-147.79	0.00121
-161.93	-149.20	0.00121	-149.20	-161.93	0.00117
-147.79	-163.34	0.00116	-146.37	-164.76	0.00116
-144.96	-166.17	0.00115	-143.54	-167.58	0.00115
-141.42	-169.71	0.00114	-137.89	-173.24	0.00113
-134.35	-176.78	0.00111	-127.28	-183.85	0.00105
-120.21	-190.92	0.00098	-113.14	-197.99	0.00090
-106.07	-205.06	0.00082	-98.99	-212.13	0.00074
-91.92	-219.20	0.00066	-84.85	-226.27	0.00058

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00041	-212.13	-84.85	0.00048
-205.06	-91.92	0.00057	-197.99	-99.00	0.00068
-190.92	-106.07	0.00081	-183.85	-113.14	0.00097
-176.78	-120.21	0.00115	-169.71	-127.28	0.00131
-166.17	-130.81	0.00136	-162.63	-134.35	0.00139
-160.51	-136.47	0.00140	-159.10	-137.89	0.00140
-157.68	-139.30	0.00140	-156.27	-140.71	0.00139
-154.86	-142.13	0.00139	-142.13	-154.86	0.00134
-140.71	-156.27	0.00134	-139.30	-157.68	0.00133
-137.89	-159.10	0.00133	-136.47	-160.51	0.00132
-134.35	-162.63	0.00131	-130.81	-166.17	0.00129
-127.28	-169.71	0.00126	-120.21	-176.78	0.00119
-113.14	-183.85	0.00109	-106.07	-190.92	0.00099
-98.99	-197.99	0.00088	-91.92	-205.06	0.00078
-84.85	-212.13	0.00069	-77.78	-219.20	0.00060
-212.13	-70.71	0.00042	-205.06	-77.78	0.00049
-197.99	-84.85	0.00058	-190.92	-91.92	0.00070
-183.85	-98.99	0.00085	-176.78	-106.07	0.00103
-169.71	-113.14	0.00125	-162.63	-120.21	0.00146
-159.10	-123.74	0.00155	-155.56	-127.28	0.00160

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00162	-152.03	-130.81	0.00162
-150.61	-132.23	0.00163	-149.20	-133.64	0.00162
-147.79	-135.06	0.00162	-135.06	-147.79	0.00156
-133.64	-149.20	0.00155	-132.23	-150.61	0.00155
-130.81	-152.03	0.00154	-129.40	-153.44	0.00153
-127.28	-155.56	0.00152	-123.74	-159.10	0.00149
-120.21	-162.63	0.00145	-113.14	-169.71	0.00134
-106.07	-176.78	0.00121	-98.99	-183.85	0.00108
-91.92	-190.92	0.00095	-84.85	-197.99	0.00082
-77.78	-205.06	0.00071	-70.71	-212.13	0.00062
-205.06	-63.64	0.00042	-197.99	-70.71	0.00050
-190.92	-77.78	0.00059	-183.85	-84.85	0.00072
-176.78	-91.92	0.00088	-169.71	-98.99	0.00108
-162.63	-106.07	0.00134	-155.56	-113.14	0.00162

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00175	-148.49	-120.21	0.00185
-146.37	-122.33	0.00188	-144.96	-123.74	0.00190
-143.54	-125.16	0.00191	-142.13	-126.57	0.00191
-140.71	-127.99	0.00190	-127.99	-140.71	0.00183
-126.57	-142.13	0.00182	-125.16	-143.54	0.00181
-123.74	-144.96	0.00180	-122.33	-146.37	0.00179
-120.21	-148.49	0.00177	-116.67	-152.03	0.00172
-113.14	-155.56	0.00166	-106.07	-162.63	0.00151
-98.99	-169.71	0.00134	-91.92	-176.78	0.00116
-84.85	-183.85	0.00100	-77.78	-190.92	0.00086
-70.71	-197.99	0.00073	-63.64	-205.06	0.00062
-197.99	-56.57	0.00043	-190.92	-63.64	0.00050
-183.85	-70.71	0.00060	-176.78	-77.78	0.00073
-169.71	-84.85	0.00090	-162.63	-91.92	0.00113
-155.56	-98.99	0.00142	-148.49	-106.07	0.00178
-144.96	-109.60	0.00196	-141.42	-113.14	0.00212
-139.30	-115.26	0.00219	-137.89	-116.67	0.00223
-136.47	-118.09	0.00225	-135.06	-119.50	0.00226
-133.64	-120.92	0.00226	-120.92	-133.64	0.00216
-119.50	-135.06	0.00215	-118.09	-136.47	0.00214
-116.67	-137.89	0.00212	-115.26	-139.30	0.00210
-113.14	-141.42	0.00207	-109.60	-144.96	0.00200
-106.07	-148.49	0.00191	-98.99	-155.56	0.00169
-91.92	-162.63	0.00146	-84.85	-169.71	0.00124
-77.78	-176.78	0.00104	-70.71	-183.85	0.00088
-63.64	-190.92	0.00074	-56.57	-197.99	0.00062

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

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

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00043	-183.85	-56.57	0.00051
-176.78	-63.64	0.00061	-169.71	-70.71	0.00074
-162.63	-77.78	0.00092	-155.56	-84.85	0.00116
-148.49	-91.92	0.00149	-141.42	-98.99	0.00191
-137.89	-102.53	0.00215	-134.35	-106.07	0.00240
-132.23	-108.19	0.00252	-130.81	-109.60	0.00259
-129.40	-111.02	0.00265	-127.99	-112.43	0.00268
-126.57	-113.84	0.00270	-113.84	-126.57	0.00258

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00256	-111.02	-129.40	0.00254
-109.60	-130.81	0.00252	-108.19	-132.23	0.00249
-106.07	-134.35	0.00243	-102.53	-137.89	0.00232
-98.99	-141.42	0.00218	-91.92	-148.49	0.00187
-84.85	-155.56	0.00156	-77.78	-162.63	0.00129
-70.71	-169.71	0.00107	-63.64	-176.78	0.00088
-56.57	-183.85	0.00073	-49.50	-190.92	0.00060
-183.85	-42.43	0.00044	-176.78	-49.50	0.00051
-169.71	-56.57	0.00061	-162.63	-63.64	0.00075
-155.56	-70.71	0.00093	-148.49	-77.78	0.00118
-141.42	-84.85	0.00153	-134.35	-91.92	0.00202
-130.81	-95.46	0.00231	-127.28	-98.99	0.00264
-125.16	-101.12	0.00283	-123.74	-102.53	0.00296
-122.33	-103.94	0.00307	-120.92	-105.36	0.00315
-119.50	-106.77	0.00322	-106.77	-119.50	0.00310
-105.36	-120.92	0.00307	-103.94	-122.33	0.00304
-102.53	-123.74	0.00299	-101.12	-125.16	0.00294
-98.99	-127.28	0.00284	-95.46	-130.81	0.00265
-91.92	-134.35	0.00244	-84.85	-141.42	0.00201
-77.78	-148.49	0.00163	-70.71	-155.56	0.00131
-63.64	-162.63	0.00106	-56.57	-169.71	0.00086
-49.50	-176.78	0.00070	-42.43	-183.85	0.00058
-176.78	-35.36	0.00044	-169.71	-42.43	0.00052
-162.63	-49.50	0.00062	-155.56	-56.57	0.00076
-148.49	-63.64	0.00094	-141.42	-70.71	0.00119
-134.35	-77.78	0.00155	-127.28	-84.85	0.00207
-123.74	-88.39	0.00241	-120.21	-91.92	0.00280
-118.09	-94.05	0.00307	-116.67	-95.46	0.00325
-115.26	-96.87	0.00343	-113.84	-98.29	0.00361
-112.43	-99.70	0.00376	-99.70	-112.43	0.00377
-98.29	-113.84	0.00371	-96.87	-115.26	0.00363
-95.46	-116.67	0.00353	-94.05	-118.09	0.00342

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

18:23:07
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00325	-88.39	-123.74	0.00294
-84.85	-127.28	0.00263	-77.78	-134.35	0.00208

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00163	-63.64	-148.49	0.00129
-56.57	-155.56	0.00103	-49.50	-162.63	0.00083
-42.43	-169.71	0.00067	-35.36	-176.78	0.00055
-169.71	-28.28	0.00045	-162.63	-35.36	0.00053
-155.56	-42.43	0.00063	-148.49	-49.50	0.00077
-141.42	-56.57	0.00095	-134.35	-63.64	0.00120
-127.28	-70.71	0.00157	-120.21	-77.78	0.00210
-116.67	-81.32	0.00246	-113.14	-84.85	0.00289
-111.02	-86.97	0.00319	-109.60	-88.39	0.00341
-108.19	-89.80	0.00365	-106.77	-91.22	0.00392
-105.36	-92.63	0.00422	-92.63	-105.36	0.00453
-91.22	-106.77	0.00432	-89.80	-108.19	0.00411
-88.39	-109.60	0.00391	-86.97	-111.02	0.00372
-84.85	-113.14	0.00345	-81.32	-116.67	0.00304
-77.78	-120.21	0.00267	-70.71	-127.28	0.00206
-63.64	-134.35	0.00160	-56.57	-141.42	0.00125
-49.50	-148.49	0.00098	-42.43	-155.56	0.00078
-35.36	-162.63	0.00063	-28.28	-169.71	0.00051
-162.63	-21.21	0.00046	-155.56	-28.28	0.00054
-148.49	-35.36	0.00064	-141.42	-42.43	0.00078
-134.35	-49.50	0.00096	-127.28	-56.57	0.00122
-120.21	-63.64	0.00159	-113.14	-70.71	0.00215
-109.60	-74.25	0.00253	-106.07	-77.78	0.00302
-103.94	-79.90	0.00338	-102.53	-81.32	0.00366
-101.12	-82.73	0.00398	-99.70	-84.15	0.00440
-98.29	-85.56	0.00497	-85.56	-98.29	0.00478
-84.15	-99.70	0.00447	-82.73	-101.12	0.00421
-81.32	-102.53	0.00398	-79.90	-103.94	0.00377
-77.78	-106.07	0.00347	-74.25	-109.60	0.00302
-70.71	-113.14	0.00263	-63.64	-120.21	0.00201
-56.57	-127.28	0.00154	-49.50	-134.35	0.00119
-42.43	-141.42	0.00093	-35.36	-148.49	0.00073
-28.28	-155.56	0.00059	-21.21	-162.63	0.00048
-155.56	-14.14	0.00047	-148.49	-21.21	0.00055
-141.42	-28.28	0.00066	-134.35	-35.36	0.00081
-127.28	-42.43	0.00101	-120.21	-49.50	0.00129
-113.14	-56.57	0.00172	-106.07	-63.64	0.00248
-102.53	-67.18	0.00308	-98.99	-70.71	0.00394

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

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

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00462	-95.46	-74.25	0.00513	
-94.05	-75.66	0.00570	-92.63	-77.07	0.00634	
-91.22	-78.49	0.00705	-78.49	-91.22	0.00489	
-77.07	-92.63	0.00452	-75.66	-94.05	0.00422	
-74.25	-95.46	0.00395	-72.83	-96.87	0.00372	
-70.71	-98.99	0.00340	-67.18	-102.53	0.00293	
-63.64	-106.07	0.00253	-56.57	-113.14	0.00190	
-49.50	-120.21	0.00144	-42.43	-127.28	0.00110	
-35.36	-134.35	0.00086	-28.28	-141.42	0.00068	
-21.21	-148.49	0.00054	-14.14	-155.56	0.00044	
-148.49	-7.07	0.00050	-141.42	-14.14	0.00059	
-134.35	-21.21	0.00071	-127.28	-28.28	0.00088	
-120.21	-35.36	0.00113	-113.14	-42.43	0.00151	
-106.07	-49.50	0.00214	-98.99	-56.57	0.00325	
-95.46	-60.10	0.00407	-91.92	-63.64	0.00509	
-89.80	-65.76	0.00580	-88.39	-67.18	0.00631	
-86.97	-68.59	0.00685	-85.56	-70.00	0.00741	
-84.15	-71.42	0.00803	-71.42	-84.15	0.00495	
-70.00	-85.56	0.00453	-68.59	-86.97	0.00420	
-67.18	-88.39	0.00391	-65.76	-89.80	0.00364	
-63.64	-91.92	0.00329	-60.10	-95.46	0.00279	
-56.57	-98.99	0.00238	-49.50	-106.07	0.00176	
-42.43	-113.14	0.00131	-35.36	-120.21	0.00100	
-28.28	-127.28	0.00077	-21.21	-134.35	0.00061	
-14.14	-141.42	0.00049	-7.07	-148.49	0.00040	
-141.42	0.00	0.00054	-134.35	-7.07	0.00065	
-127.28	-14.14	0.00081	-120.21	-21.21	0.00103	
-113.14	-28.28	0.00137	-106.07	-35.36	0.00189	
-98.99	-42.43	0.00270	-91.92	-49.50	0.00394	
-88.39	-53.03	0.00475	-84.85	-56.57	0.00572	
-82.73	-58.69	0.00637	-81.32	-60.10	0.00684	
-79.90	-61.52	0.00733	-78.49	-62.93	0.00784	
-77.07	-64.35	0.00840	-64.35	-77.07	0.00489	
-62.93	-78.49	0.00445	-61.52	-79.90	0.00409	
-60.10	-81.32	0.00378	-58.69	-82.73	0.00350	
-56.57	-84.85	0.00313	-53.03	-88.39	0.00262	
-49.50	-91.92	0.00220	-42.43	-98.99	0.00158	
-35.36	-106.07	0.00116	-28.28	-113.14	0.00088	
-21.21	-120.21	0.00068	-14.14	-127.28	0.00054	
-7.07	-134.35	0.00044	0.00	-141.42	0.00036	

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00061	-127.28	0.00	0.00076
-120.21	-7.07	0.00096	-113.14	-14.14	0.00125
-106.07	-21.21	0.00167	-98.99	-28.28	0.00230
-91.92	-35.36	0.00317	-84.85	-42.43	0.00436
-81.32	-45.96	0.00511	-77.78	-49.50	0.00598
-75.66	-51.62	0.00656	-74.25	-53.03	0.00698
-72.83	-54.45	0.00743	-71.42	-55.86	0.00791
-70.00	-57.28	0.00843	-57.28	-70.00	0.00470
-55.86	-71.42	0.00424	-54.45	-72.83	0.00386
-53.03	-74.25	0.00354	-51.62	-75.66	0.00326
-49.50	-77.78	0.00289	-45.96	-81.32	0.00237
-42.43	-84.85	0.00197	-35.36	-91.92	0.00138
-28.28	-98.99	0.00101	-21.21	-106.07	0.00076
-14.14	-113.14	0.00060	-7.07	-120.21	0.00048
0.00	-127.28	0.00040	7.07	-134.35	0.00033
-127.28	14.14	0.00071	-120.21	7.07	0.00090
-113.14	0.00	0.00115	-106.07	-7.07	0.00150
-98.99	-14.14	0.00199	-91.92	-21.21	0.00264
-84.85	-28.28	0.00350	-77.78	-35.36	0.00460
-74.25	-38.89	0.00527	-70.71	-42.43	0.00602
-68.59	-44.55	0.00653	-67.18	-45.96	0.00690
-65.76	-47.38	0.00730	-64.35	-48.79	0.00774
-62.93	-50.20	0.00823	-50.20	-62.93	0.00437
-48.79	-64.35	0.00390	-47.38	-65.76	0.00352
-45.96	-67.18	0.00319	-44.55	-68.59	0.00291
-42.43	-70.71	0.00255	-38.89	-74.25	0.00206
-35.36	-77.78	0.00169	-28.28	-84.85	0.00118
-21.21	-91.92	0.00086	-14.14	-98.99	0.00066
-7.07	-106.07	0.00052	0.00	-113.14	0.00043
7.07	-120.21	0.00036	14.14	-127.28	0.00030
-120.21	21.21	0.00084	-113.14	14.14	0.00105
-106.07	7.07	0.00135	-98.99	0.00	0.00174
-91.92	-7.07	0.00224	-84.85	-14.14	0.00289
-77.78	-21.21	0.00371	-70.71	-28.28	0.00473

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00531	-63.64	-35.36	0.00597
-61.52	-37.48	0.00639	-60.10	-38.89	0.00670
-58.69	-40.31	0.00703	-57.28	-41.72	0.00740
-55.86	-43.13	0.00784	-43.13	-55.86	0.00388
-41.72	-57.28	0.00341	-40.31	-58.69	0.00303
-38.89	-60.10	0.00272	-37.48	-61.52	0.00245

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

18:23:07
 **MODELOPTs:
 PAGE 90
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00212	-31.82	-67.18	0.00169
-28.28	-70.71	0.00139	-21.21	-77.78	0.00098
-14.14	-84.85	0.00074	-7.07	-91.92	0.00058
0.00	-98.99	0.00047	7.07	-106.07	0.00039
14.14	-113.14	0.00033	21.21	-120.21	0.00028
-113.14	28.28	0.00096	-106.07	21.21	0.00121
-98.99	14.14	0.00152	-91.92	7.07	0.00193
-84.85	0.00	0.00243	-77.78	-7.07	0.00307
-70.71	-14.14	0.00385	-63.64	-21.21	0.00479
-60.10	-24.75	0.00532	-56.57	-28.28	0.00589
-54.45	-30.41	0.00623	-53.03	-31.82	0.00647
-51.62	-33.23	0.00672	-50.20	-34.65	0.00700
-48.79	-36.06	0.00734	-36.06	-48.79	0.00320
-34.65	-50.20	0.00275	-33.23	-51.62	0.00241
-31.82	-53.03	0.00214	-30.41	-54.45	0.00193
-28.28	-56.57	0.00166	-24.75	-60.10	0.00135
-21.21	-63.64	0.00113	-14.14	-70.71	0.00085
-7.07	-77.78	0.00066	0.00	-84.85	0.00053
7.07	-91.92	0.00043	14.14	-98.99	0.00036
21.21	-106.07	0.00030	28.28	-113.14	0.00026
-106.07	35.36	0.00109	-98.99	28.28	0.00135
-91.92	21.21	0.00167	-84.85	14.14	0.00207
-77.78	7.07	0.00256	-70.71	0.00	0.00317
-63.64	-7.07	0.00392	-56.57	-14.14	0.00480
-53.03	-17.68	0.00530	-49.50	-21.21	0.00580
-47.38	-23.33	0.00609	-45.96	-24.75	0.00629
-44.55	-26.16	0.00648	-43.13	-27.58	0.00669
-41.72	-28.99	0.00689	-28.99	-41.72	0.00238

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00207	-26.16	-44.55	0.00185
-24.75	-45.96	0.00168	-23.33	-47.38	0.00154
-21.21	-49.50	0.00137	-17.68	-53.03	0.00115
-14.14	-56.57	0.00099	-7.07	-63.64	0.00076
0.00	-70.71	0.00060	7.07	-77.78	0.00048
14.14	-84.85	0.00040	21.21	-91.92	0.00033
28.28	-98.99	0.00028	35.36	-106.07	0.00024
-98.99	42.43	0.00120	-91.92	35.36	0.00146
-84.85	28.28	0.00178	-77.78	21.21	0.00217
-70.71	14.14	0.00265	-63.64	7.07	0.00323
-56.57	0.00	0.00392	-49.50	-7.07	0.00474
-45.96	-10.61	0.00518	-42.43	-14.14	0.00560

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

18:23:07
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00584	-38.89	-17.68	0.00597
-37.48	-19.09	0.00608	-36.06	-20.51	0.00612
-34.65	-21.92	0.00606	-21.92	-34.65	0.00202
-20.51	-36.06	0.00181	-19.09	-37.48	0.00163
-17.68	-38.89	0.00149	-16.26	-40.31	0.00137
-14.14	-42.43	0.00123	-10.61	-45.96	0.00104
-7.07	-49.50	0.00089	0.00	-56.57	0.00069
7.07	-63.64	0.00055	14.14	-70.71	0.00044
21.21	-77.78	0.00036	28.28	-84.85	0.00030
35.36	-91.92	0.00026	42.43	-98.99	0.00022
-91.92	49.50	0.00129	-84.85	42.43	0.00154
-77.78	35.36	0.00185	-70.71	28.28	0.00222
-63.64	21.21	0.00266	-56.57	14.14	0.00318
-49.50	7.07	0.00377	-42.43	0.00	0.00433
-38.89	-3.54	0.00452	-35.36	-7.07	0.00455
-33.23	-9.19	0.00446	-31.82	-10.61	0.00436
-30.41	-12.02	0.00421	-28.99	-13.44	0.00403
-27.58	-14.85	0.00381	-14.85	-27.58	0.00174
-13.44	-28.99	0.00159	-12.02	-30.41	0.00146
-10.61	-31.82	0.00135	-9.19	-33.23	0.00125
-7.07	-35.36	0.00112	-3.54	-38.89	0.00096
0.00	-42.43	0.00082	7.07	-49.50	0.00064

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00051	21.21	-63.64	0.00041
28.28	-70.71	0.00034	35.36	-77.78	0.00028
42.43	-84.85	0.00024	49.50	-91.92	0.00021
-84.85	56.57	0.00135	-77.78	49.50	0.00159
-70.71	42.43	0.00187	-63.64	35.36	0.00220
-56.57	28.28	0.00257	-49.50	21.21	0.00296
-42.43	14.14	0.00330	-35.36	7.07	0.00343
-31.82	3.54	0.00337	-28.28	0.00	0.00321
-26.16	-2.12	0.00307	-24.75	-3.54	0.00297
-23.33	-4.95	0.00285	-21.92	-6.36	0.00273
-20.51	-7.78	0.00261	-7.78	-20.51	0.00145
-6.36	-21.92	0.00134	-4.95	-23.33	0.00125
-3.54	-24.75	0.00117	-2.12	-26.16	0.00109
0.00	-28.28	0.00100	3.54	-31.82	0.00087
7.07	-35.36	0.00076	14.14	-42.43	0.00059
21.21	-49.50	0.00047	28.28	-56.57	0.00039
35.36	-63.64	0.00032	42.43	-70.71	0.00027
49.50	-77.78	0.00023	56.57	-84.85	0.00020

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00137	-70.71	56.57	0.00159
-63.64	49.50	0.00183	-56.57	42.43	0.00209
-49.50	35.36	0.00235	-42.43	28.28	0.00256
-35.36	21.21	0.00266	-28.28	14.14	0.00258
-24.75	10.61	0.00248	-21.21	7.07	0.00233
-19.09	4.95	0.00223	-17.68	3.54	0.00215
-16.26	2.12	0.00208	-14.85	0.71	0.00200
-13.44	-0.71	0.00193	-0.71	-13.44	0.00121
0.71	-14.85	0.00113	2.12	-16.26	0.00106
3.54	-17.68	0.00100	4.95	-19.09	0.00094
7.07	-21.21	0.00087	10.61	-24.75	0.00077
14.14	-28.28	0.00068	21.21	-35.36	0.00055
28.28	-42.43	0.00045	35.36	-49.50	0.00037
42.43	-56.57	0.00031	49.50	-63.64	0.00026
56.57	-70.71	0.00022	63.64	-77.78	0.00019
-70.71	70.71	0.00135	-63.64	63.64	0.00153

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00171	-49.50	49.50	0.00189
-42.43	42.43	0.00203	-35.36	35.36	0.00211
-28.28	28.28	0.00209	-21.21	21.21	0.00197
-17.68	17.68	0.00188	-14.14	14.14	0.00176
-12.02	12.02	0.00169	-10.61	10.61	0.00164
-9.19	9.19	0.00160	-7.78	7.78	0.00155
-6.36	6.36	0.00151	6.36	-6.36	0.00102
7.78	-7.78	0.00096	9.19	-9.19	0.00091
10.61	-10.61	0.00086	12.02	-12.02	0.00082
14.14	-14.14	0.00076	17.68	-17.68	0.00067
21.21	-21.21	0.00061	28.28	-28.28	0.00050
35.36	-35.36	0.00042	42.43	-42.43	0.00035
49.50	-49.50	0.00029	56.57	-56.57	0.00025
63.64	-63.64	0.00021	70.71	-70.71	0.00018
-63.64	77.78	0.00129	-56.57	70.71	0.00143
-49.50	63.64	0.00155	-42.43	56.57	0.00165
-35.36	49.50	0.00171	-28.28	42.43	0.00171
-21.21	35.36	0.00166	-14.14	28.28	0.00155
-10.61	24.75	0.00147	-7.07	21.21	0.00138
-4.95	19.09	0.00134	-3.54	17.68	0.00130
-2.12	16.26	0.00127	-0.71	14.85	0.00124
0.71	13.44	0.00121	13.44	0.71	0.00087
14.85	-0.71	0.00082	16.26	-2.12	0.00078
17.68	-3.54	0.00074	19.09	-4.95	0.00071

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

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 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00066	24.75	-10.61	0.00059
28.28	-14.14	0.00054	35.36	-21.21	0.00045
42.43	-28.28	0.00038	49.50	-35.36	0.00033
56.57	-42.43	0.00028	63.64	-49.50	0.00024
70.71	-56.57	0.00020	77.78	-63.64	0.00018
-56.57	84.85	0.00120	-49.50	77.78	0.00129
-42.43	70.71	0.00136	-35.36	63.64	0.00141
-28.28	56.57	0.00142	-21.21	49.50	0.00140
-14.14	42.43	0.00134	-7.07	35.36	0.00124
-3.54	31.82	0.00118	0.00	28.28	0.00112

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00109	3.54	24.75	0.00106
4.95	23.33	0.00104	6.36	21.92	0.00102
7.78	20.51	0.00100	20.51	7.78	0.00074
21.92	6.36	0.00071	23.33	4.95	0.00068
24.75	3.54	0.00065	26.16	2.12	0.00062
28.28	0.00	0.00058	31.82	-3.54	0.00052
35.36	-7.07	0.00048	42.43	-14.14	0.00040
49.50	-21.21	0.00035	56.57	-28.28	0.00030
63.64	-35.36	0.00026	70.71	-42.43	0.00023
77.78	-49.50	0.00020	84.85	-56.57	0.00017
-49.50	91.92	0.00109	-42.43	84.85	0.00114
-35.36	77.78	0.00118	-28.28	70.71	0.00120
-21.21	63.64	0.00119	-14.14	56.57	0.00116
-7.07	49.50	0.00110	0.00	42.43	0.00101
3.54	38.89	0.00097	7.07	35.36	0.00093
9.19	33.23	0.00090	10.61	31.82	0.00089
12.02	30.41	0.00087	13.44	28.99	0.00085
14.85	27.58	0.00084	27.58	14.85	0.00064
28.99	13.44	0.00062	30.41	12.02	0.00059
31.82	10.61	0.00057	33.23	9.19	0.00055
35.36	7.07	0.00051	38.89	3.54	0.00047
42.43	0.00	0.00043	49.50	-7.07	0.00036
56.57	-14.14	0.00032	63.64	-21.21	0.00028
70.71	-28.28	0.00024	77.78	-35.36	0.00021
84.85	-42.43	0.00019	91.92	-49.50	0.00017
-42.43	98.99	0.00097	-35.36	91.92	0.00100
-28.28	84.85	0.00102	-21.21	77.78	0.00102
-14.14	70.71	0.00101	-7.07	63.64	0.00097
0.00	56.57	0.00091	7.07	49.50	0.00085
10.61	45.96	0.00081	14.14	42.43	0.00078

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00076	17.68	38.89	0.00075
19.09	37.48	0.00074	20.51	36.06	0.00073
21.92	34.65	0.00071	34.65	21.92	0.00056
36.06	20.51	0.00054	37.48	19.09	0.00052

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00050	40.31	16.26	0.00048
42.43	14.14	0.00046	45.96	10.61	0.00042
49.50	7.07	0.00038	56.57	0.00	0.00033
63.64	-7.07	0.00029	70.71	-14.14	0.00025
77.78	-21.21	0.00023	84.85	-28.28	0.00020
91.92	-35.36	0.00018	98.99	-42.43	0.00016
-35.36	106.07	0.00086	-28.28	98.99	0.00088
-21.21	91.92	0.00089	-14.14	84.85	0.00088
-7.07	77.78	0.00086	0.00	70.71	0.00082
7.07	63.64	0.00077	14.14	56.57	0.00072
17.68	53.03	0.00069	21.21	49.50	0.00067
23.33	47.38	0.00065	24.75	45.96	0.00064
26.16	44.55	0.00063	27.58	43.13	0.00062
28.99	41.72	0.00061	41.72	28.99	0.00050
43.13	27.58	0.00048	44.55	26.16	0.00046
45.96	24.75	0.00045	47.38	23.33	0.00043
49.50	21.21	0.00041	53.03	17.68	0.00037
56.57	14.14	0.00035	63.64	7.07	0.00030
70.71	0.00	0.00026	77.78	-7.07	0.00023
84.85	-14.14	0.00021	91.92	-21.21	0.00019
98.99	-28.28	0.00017	106.07	-35.36	0.00015
-28.28	113.14	0.00077	-21.21	106.07	0.00077
-14.14	98.99	0.00077	-7.07	91.92	0.00076
0.00	84.85	0.00074	7.07	77.78	0.00070
14.14	70.71	0.00066	21.21	63.64	0.00062
24.75	60.10	0.00060	28.28	56.57	0.00058
30.41	54.45	0.00057	31.82	53.03	0.00056
33.23	51.62	0.00055	34.65	50.20	0.00054
36.06	48.79	0.00054	48.79	36.06	0.00044
50.20	34.65	0.00043	51.62	33.23	0.00041
53.03	31.82	0.00040	54.45	30.41	0.00039
56.57	28.28	0.00037	60.10	24.75	0.00034
63.64	21.21	0.00031	70.71	14.14	0.00027
77.78	7.07	0.00024	84.85	0.00	0.00022
91.92	-7.07	0.00019	98.99	-14.14	0.00017
106.07	-21.21	0.00016	113.14	-28.28	0.00014

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00068	-14.14	113.14	0.00068
-7.07	106.07	0.00068	0.00	98.99	0.00066
7.07	91.92	0.00064	14.14	84.85	0.00061
21.21	77.78	0.00057	28.28	70.71	0.00054
31.82	67.18	0.00052	35.36	63.64	0.00051
37.48	61.52	0.00050	38.89	60.10	0.00049
40.31	58.69	0.00048	41.72	57.28	0.00048
43.13	55.86	0.00047	55.86	43.13	0.00039
57.28	41.72	0.00038	58.69	40.31	0.00037
60.10	38.89	0.00036	61.52	37.48	0.00035
63.64	35.36	0.00033	67.18	31.82	0.00031
70.71	28.28	0.00029	77.78	21.21	0.00025
84.85	14.14	0.00022	91.92	7.07	0.00020
98.99	0.00	0.00018	106.07	-7.07	0.00016
113.14	-14.14	0.00015	120.21	-21.21	0.00014
-14.14	127.28	0.00061	-7.07	120.21	0.00061
0.00	113.14	0.00060	7.07	106.07	0.00058
14.14	98.99	0.00056	21.21	91.92	0.00053
28.28	84.85	0.00050	35.36	77.78	0.00047
38.89	74.25	0.00046	42.43	70.71	0.00045
44.55	68.59	0.00044	45.96	67.18	0.00043
47.38	65.76	0.00043	48.79	64.35	0.00042
50.20	62.93	0.00042	62.93	50.20	0.00035
64.35	48.79	0.00034	65.76	47.38	0.00033
67.18	45.96	0.00032	68.59	44.55	0.00032
70.71	42.43	0.00030	74.25	38.89	0.00028
77.78	35.36	0.00026	84.85	28.28	0.00023
91.92	21.21	0.00020	98.99	14.14	0.00018
106.07	7.07	0.00017	113.14	0.00	0.00015
120.21	-7.07	0.00014	127.28	-14.14	0.00013
-7.07	134.35	0.00054	0.00	127.28	0.00054
7.07	120.21	0.00053	14.14	113.14	0.00051
21.21	106.07	0.00049	28.28	98.99	0.00046
35.36	91.92	0.00044	42.43	84.85	0.00042
45.96	81.32	0.00041	49.50	77.78	0.00040
51.62	75.66	0.00039	53.03	74.25	0.00039
54.45	72.83	0.00038	55.86	71.42	0.00038
57.28	70.00	0.00037	70.00	57.28	0.00032
71.42	55.86	0.00031	72.83	54.45	0.00030
74.25	53.03	0.00029	75.66	51.62	0.00029

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00028	81.32	45.96	0.00026
84.85	42.43	0.00024	91.92	35.36	0.00021
98.99	28.28	0.00019	106.07	21.21	0.00017
113.14	14.14	0.00016	120.21	7.07	0.00014
127.28	0.00	0.00013	134.35	-7.07	0.00012
0.00	141.42	0.00049	7.07	134.35	0.00048
14.14	127.28	0.00047	21.21	120.21	0.00045
28.28	113.14	0.00043	35.36	106.07	0.00041
42.43	98.99	0.00039	49.50	91.92	0.00037
53.03	88.39	0.00036	56.57	84.85	0.00036
58.69	82.73	0.00035	60.10	81.32	0.00035
61.52	79.90	0.00034	62.93	78.49	0.00034
64.35	77.07	0.00033	77.07	64.35	0.00029
78.49	62.93	0.00028	79.90	61.52	0.00027
81.32	60.10	0.00027	82.73	58.69	0.00026
84.85	56.57	0.00025	88.39	53.03	0.00024
91.92	49.50	0.00022	98.99	42.43	0.00020
106.07	35.36	0.00018	113.14	28.28	0.00016
120.21	21.21	0.00015	127.28	14.14	0.00013
134.35	7.07	0.00012	141.42	0.00	0.00011
7.07	148.49	0.00044	14.14	141.42	0.00043
21.21	134.35	0.00042	28.28	127.28	0.00040
35.36	120.21	0.00039	42.43	113.14	0.00037
49.50	106.07	0.00035	56.57	98.99	0.00034
60.10	95.46	0.00033	63.64	91.92	0.00032
65.76	89.80	0.00032	67.18	88.39	0.00031
68.59	86.97	0.00031	70.00	85.56	0.00031
71.42	84.15	0.00030	84.15	71.42	0.00026
85.56	70.00	0.00026	86.97	68.59	0.00025
88.39	67.18	0.00025	89.80	65.76	0.00024
91.92	63.64	0.00023	95.46	60.10	0.00022
98.99	56.57	0.00020	106.07	49.50	0.00018
113.14	42.43	0.00016	120.21	35.36	0.00015
127.28	28.28	0.00014	134.35	21.21	0.00013
141.42	14.14	0.00012	148.49	7.07	0.00011
14.14	155.56	0.00040	21.21	148.49	0.00039

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00038	35.36	134.35	0.00036
42.43	127.28	0.00035	49.50	120.21	0.00033
56.57	113.14	0.00032	63.64	106.07	0.00030
67.18	102.53	0.00030	70.71	98.99	0.00029

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

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00029	74.25	95.46	0.00028
75.66	94.05	0.00028	77.07	92.63	0.00028
78.49	91.22	0.00027	91.22	78.49	0.00024
92.63	77.07	0.00024	94.05	75.66	0.00023
95.46	74.25	0.00023	96.87	72.83	0.00022
98.99	70.71	0.00021	102.53	67.18	0.00020
106.07	63.64	0.00019	113.14	56.57	0.00017
120.21	49.50	0.00015	127.28	42.43	0.00014
134.35	35.36	0.00013	141.42	28.28	0.00012
148.49	21.21	0.00011	155.56	14.14	0.00010
21.21	162.63	0.00036	28.28	155.56	0.00035
35.36	148.49	0.00034	42.43	141.42	0.00033
49.50	134.35	0.00031	56.57	127.28	0.00030
63.64	120.21	0.00029	70.71	113.14	0.00028
74.25	109.60	0.00027	77.78	106.07	0.00026
79.90	103.94	0.00026	81.32	102.53	0.00026
82.73	101.12	0.00026	84.15	99.70	0.00025
85.56	98.29	0.00025	98.29	85.56	0.00022
99.70	84.15	0.00022	101.12	82.73	0.00021
102.53	81.32	0.00021	103.94	79.90	0.00020
106.07	77.78	0.00020	109.60	74.25	0.00019
113.14	70.71	0.00018	120.21	63.64	0.00016
127.28	56.57	0.00014	134.35	49.50	0.00013
141.42	42.43	0.00012	148.49	35.36	0.00011
155.56	28.28	0.00010	162.63	21.21	0.00010
28.28	169.71	0.00033	35.36	162.63	0.00032
42.43	155.56	0.00031	49.50	148.49	0.00029
56.57	141.42	0.00028	63.64	134.35	0.00027
70.71	127.28	0.00026	77.78	120.21	0.00025
81.32	116.67	0.00025	84.85	113.14	0.00024

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00024	88.39	109.60	0.00024
89.80	108.19	0.00023	91.22	106.77	0.00023
92.63	105.36	0.00023	105.36	92.63	0.00020
106.77	91.22	0.00020	108.19	89.80	0.00020
109.60	88.39	0.00019	111.02	86.97	0.00019
113.14	84.85	0.00018	116.67	81.32	0.00017
120.21	77.78	0.00017	127.28	70.71	0.00015
134.35	63.64	0.00013	141.42	56.57	0.00012
148.49	49.50	0.00011	155.56	42.43	0.00011
162.63	35.36	0.00010	169.71	28.28	0.00009

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00030	42.43	169.71	0.00029
49.50	162.63	0.00028	56.57	155.56	0.00027
63.64	148.49	0.00026	70.71	141.42	0.00025
77.78	134.35	0.00024	84.85	127.28	0.00023
88.39	123.74	0.00023	91.92	120.21	0.00022
94.05	118.09	0.00022	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00021
99.70	112.43	0.00021	112.43	99.70	0.00019
113.84	98.29	0.00018	115.26	96.87	0.00018
116.67	95.46	0.00018	118.09	94.05	0.00018
120.21	91.92	0.00017	123.74	88.39	0.00016
127.28	84.85	0.00015	134.35	77.78	0.00014
141.42	70.71	0.00013	148.49	63.64	0.00012
155.56	56.57	0.00011	162.63	49.50	0.00010
169.71	42.43	0.00009	176.78	35.36	0.00009
42.43	183.85	0.00027	49.50	176.78	0.00026
56.57	169.71	0.00025	63.64	162.63	0.00024
70.71	155.56	0.00024	77.78	148.49	0.00023
84.85	141.42	0.00022	91.92	134.35	0.00021
95.46	130.81	0.00021	98.99	127.28	0.00020
101.12	125.16	0.00020	102.53	123.74	0.00020
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00020	119.50	106.77	0.00017
120.92	105.36	0.00017	122.33	103.94	0.00017

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00017	125.16	101.12	0.00016
127.28	98.99	0.00016	130.81	95.46	0.00015
134.35	91.92	0.00014	141.42	84.85	0.00013
148.49	77.78	0.00012	155.56	70.71	0.00011
162.63	63.64	0.00010	169.71	56.57	0.00009
176.78	49.50	0.00009	183.85	42.43	0.00008
49.50	190.92	0.00025	56.57	183.85	0.00024
63.64	176.78	0.00023	70.71	169.71	0.00022
77.78	162.63	0.00022	84.85	155.56	0.00021
91.92	148.49	0.00020	98.99	141.42	0.00020
102.53	137.89	0.00019	106.07	134.35	0.00019
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00018	112.43	127.99	0.00018
113.84	126.57	0.00018	126.57	113.84	0.00016
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00015

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00015	137.89	102.53	0.00014
141.42	98.99	0.00014	148.49	91.92	0.00012
155.56	84.85	0.00011	162.63	77.78	0.00010
169.71	70.71	0.00010	176.78	63.64	0.00009
183.85	56.57	0.00008	190.92	49.50	0.00008
56.57	197.99	0.00023	63.64	190.92	0.00022
70.71	183.85	0.00021	77.78	176.78	0.00021
84.85	169.71	0.00020	91.92	162.63	0.00019
98.99	155.56	0.00019	106.07	148.49	0.00018
109.60	144.96	0.00018	113.14	141.42	0.00018
115.26	139.30	0.00017	116.67	137.89	0.00017
118.09	136.47	0.00017	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00015
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00014
141.42	113.14	0.00014	144.96	109.60	0.00013
148.49	106.07	0.00013	155.56	98.99	0.00012
162.63	91.92	0.00011	169.71	84.85	0.00010

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00009	183.85	70.71	0.00008
190.92	63.64	0.00008	197.99	56.57	0.00008
63.64	205.06	0.00021	70.71	197.99	0.00020
77.78	190.92	0.00020	84.85	183.85	0.00019
91.92	176.78	0.00019	98.99	169.71	0.00018
106.07	162.63	0.00017	113.14	155.56	0.00017
116.67	152.03	0.00017	120.21	148.49	0.00016
122.33	146.37	0.00016	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00014
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00013
148.49	120.21	0.00013	152.03	116.67	0.00013
155.56	113.14	0.00012	162.63	106.07	0.00011
169.71	98.99	0.00010	176.78	91.92	0.00009
183.85	84.85	0.00009	190.92	77.78	0.00008
197.99	70.71	0.00008	205.06	63.64	0.00007
70.71	212.13	0.00020	77.78	205.06	0.00019
84.85	197.99	0.00018	91.92	190.92	0.00018
98.99	183.85	0.00017	106.07	176.78	0.00017
113.14	169.71	0.00016	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00015	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00013
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00012	159.10	123.74	0.00012
162.63	120.21	0.00011	169.71	113.14	0.00010
176.78	106.07	0.00010	183.85	98.99	0.00009
190.92	91.92	0.00008	197.99	84.85	0.00008
205.06	77.78	0.00007	212.13	70.71	0.00007
77.78	219.20	0.00018	84.85	212.13	0.00018
91.92	205.06	0.00017	98.99	197.99	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00016	113.14	183.85	0.00016
120.21	176.78	0.00015	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00014
136.47	160.51	0.00014	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00012
156.27	140.71	0.00012	157.68	139.30	0.00012
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00011
169.71	127.28	0.00011	176.78	120.21	0.00010
183.85	113.14	0.00009	190.92	106.07	0.00008
197.99	98.99	0.00008	205.06	91.92	0.00007
212.13	84.85	0.00007	219.20	77.78	0.00007
84.85	226.27	0.00017	91.92	219.20	0.00016
98.99	212.13	0.00016	106.07	205.06	0.00015
113.14	197.99	0.00015	120.21	190.92	0.00015
127.28	183.85	0.00014	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00013
143.54	167.58	0.00013	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00011
166.17	144.96	0.00011	167.58	143.54	0.00011
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00010	183.85	127.28	0.00009
190.92	120.21	0.00009	197.99	113.14	0.00008
205.06	106.07	0.00007	212.13	98.99	0.00007
219.20	91.92	0.00007	226.27	84.85	0.00006

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00016	98.99	226.27	0.00015
106.07	219.20	0.00015	113.14	212.13	0.00014
120.21	205.06	0.00014	127.28	197.99	0.00014
134.35	190.92	0.00013	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00012	152.03	173.24	0.00012

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00012	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00010	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00009
197.99	127.28	0.00008	205.06	120.21	0.00008
212.13	113.14	0.00007	219.20	106.07	0.00007
226.27	98.99	0.00006	233.35	91.92	0.00006
98.99	240.42	0.00015	106.07	233.35	0.00014
113.14	226.27	0.00014	120.21	219.20	0.00013
127.28	212.13	0.00013	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00012
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00012	161.93	177.48	0.00011
163.34	176.07	0.00011	176.07	163.34	0.00010
177.48	161.93	0.00010	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00009	197.99	141.42	0.00009
205.06	134.35	0.00008	212.13	127.28	0.00007
219.20	120.21	0.00007	226.27	113.14	0.00006
233.35	106.07	0.00006	240.42	98.99	0.00006
106.07	247.49	0.00014	113.14	240.42	0.00013
120.21	233.35	0.00013	127.28	226.27	0.00013
134.35	219.20	0.00012	141.42	212.13	0.00012
148.49	205.06	0.00012	155.56	197.99	0.00011
159.10	194.45	0.00011	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00009

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

04/20/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00009	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00008
212.13	141.42	0.00008	219.20	134.35	0.00007
226.27	127.28	0.00007	233.35	120.21	0.00006
240.42	113.14	0.00006	247.49	106.07	0.00006

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00044	-240.42	-113.14	0.00051
-233.35	-120.21	0.00061	-226.27	-127.28	0.00075
-219.20	-134.35	0.00093	-212.13	-141.42	0.00118
-205.06	-148.49	0.00153	-197.99	-155.56	0.00202
-194.45	-159.10	0.00231	-190.92	-162.63	0.00264
-188.80	-164.76	0.00283	-187.38	-166.17	0.00296
-185.97	-167.58	0.00307	-184.55	-169.00	0.00316
-183.14	-170.41	0.00322	-170.41	-183.14	0.00310
-169.00	-184.55	0.00307	-167.58	-185.97	0.00304
-166.17	-187.38	0.00299	-164.76	-188.80	0.00294
-162.63	-190.92	0.00284	-159.10	-194.45	0.00265
-155.56	-197.99	0.00244	-148.49	-205.06	0.00201
-141.42	-212.13	0.00163	-134.35	-219.20	0.00131
-127.28	-226.27	0.00106	-120.21	-233.35	0.00086
-113.14	-240.42	0.00070	-106.07	-247.49	0.00058
-240.42	-98.99	0.00044	-233.35	-106.07	0.00052
-226.27	-113.14	0.00062	-219.20	-120.21	0.00076
-212.13	-127.28	0.00094	-205.06	-134.35	0.00119
-197.99	-141.42	0.00155	-190.92	-148.49	0.00207
-187.38	-152.03	0.00241	-183.85	-155.56	0.00280
-181.73	-157.68	0.00307	-180.31	-159.10	0.00325
-178.90	-160.51	0.00343	-177.48	-161.93	0.00361
-176.07	-163.34	0.00376	-163.34	-176.07	0.00377
-161.93	-177.48	0.00371	-160.51	-178.90	0.00363
-159.10	-180.31	0.00353	-157.68	-181.73	0.00342
-155.56	-183.85	0.00325	-152.03	-187.38	0.00294
-148.49	-190.92	0.00263	-141.42	-197.99	0.00208
-134.35	-205.06	0.00163	-127.28	-212.13	0.00129
-120.21	-219.20	0.00103	-113.14	-226.27	0.00083

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00067	-98.99	-240.42	0.00055
-233.35	-91.92	0.00045	-226.27	-99.00	0.00053
-219.20	-106.07	0.00063	-212.13	-113.14	0.00077
-205.06	-120.21	0.00095	-197.99	-127.28	0.00120
-190.92	-134.35	0.00157	-183.85	-141.42	0.00210
-180.31	-144.96	0.00246	-176.78	-148.49	0.00289
-174.66	-150.61	0.00319	-173.24	-152.03	0.00341
-171.83	-153.44	0.00365	-170.41	-154.86	0.00392
-169.00	-156.27	0.00422	-156.27	-169.00	0.00453
-154.86	-170.41	0.00432	-153.44	-171.83	0.00411
-152.03	-173.24	0.00391	-150.61	-174.66	0.00372

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

18:23:07
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00345	-144.96	-180.31	0.00304
-141.42	-183.85	0.00267	-134.35	-190.92	0.00206
-127.28	-197.99	0.00160	-120.21	-205.06	0.00125
-113.14	-212.13	0.00098	-106.07	-219.20	0.00078
-98.99	-226.27	0.00063	-91.92	-233.35	0.00051
-226.27	-84.85	0.00046	-219.20	-91.92	0.00054
-212.13	-99.00	0.00064	-205.06	-106.07	0.00078
-197.99	-113.14	0.00096	-190.92	-120.21	0.00122
-183.85	-127.28	0.00159	-176.78	-134.35	0.00215
-173.24	-137.89	0.00253	-169.71	-141.42	0.00302
-167.58	-143.54	0.00338	-166.17	-144.96	0.00366
-164.76	-146.37	0.00398	-163.34	-147.79	0.00440
-161.93	-149.20	0.00497	-149.20	-161.93	0.00478
-147.79	-163.34	0.00447	-146.37	-164.76	0.00421
-144.96	-166.17	0.00398	-143.54	-167.58	0.00377
-141.42	-169.71	0.00347	-137.89	-173.24	0.00302
-134.35	-176.78	0.00263	-127.28	-183.85	0.00201
-120.21	-190.92	0.00154	-113.14	-197.99	0.00119
-106.07	-205.06	0.00093	-98.99	-212.13	0.00073
-91.92	-219.20	0.00059	-84.85	-226.27	0.00048
-219.20	-77.78	0.00047	-212.13	-84.85	0.00055
-205.06	-91.92	0.00066	-197.99	-99.00	0.00081
-190.92	-106.07	0.00101	-183.85	-113.14	0.00129

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00172	-169.71	-127.28	0.00248
-166.17	-130.81	0.00308	-162.63	-134.35	0.00394
-160.51	-136.47	0.00462	-159.10	-137.89	0.00513
-157.68	-139.30	0.00571	-156.27	-140.71	0.00634
-154.86	-142.13	0.00705	-142.13	-154.86	0.00489
-140.71	-156.27	0.00452	-139.30	-157.68	0.00422
-137.89	-159.10	0.00395	-136.47	-160.51	0.00372
-134.35	-162.63	0.00340	-130.81	-166.17	0.00293
-127.28	-169.71	0.00253	-120.21	-176.78	0.00190
-113.14	-183.85	0.00144	-106.07	-190.92	0.00110
-98.99	-197.99	0.00086	-91.92	-205.06	0.00068
-84.85	-212.13	0.00054	-77.78	-219.20	0.00044
-212.13	-70.71	0.00050	-205.06	-77.78	0.00059
-197.99	-84.85	0.00071	-190.92	-91.92	0.00088
-183.85	-98.99	0.00113	-176.78	-106.07	0.00151
-169.71	-113.14	0.00214	-162.63	-120.21	0.00325
-159.10	-123.74	0.00407	-155.56	-127.28	0.00509

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00580	-152.03	-130.81	0.00631
-150.61	-132.23	0.00685	-149.20	-133.64	0.00741
-147.79	-135.06	0.00803	-135.06	-147.79	0.00495
-133.64	-149.20	0.00453	-132.23	-150.61	0.00420
-130.81	-152.03	0.00391	-129.40	-153.44	0.00364
-127.28	-155.56	0.00329	-123.74	-159.10	0.00279
-120.21	-162.63	0.00238	-113.14	-169.71	0.00176
-106.07	-176.78	0.00131	-98.99	-183.85	0.00100
-91.92	-190.92	0.00077	-84.85	-197.99	0.00061
-77.78	-205.06	0.00049	-70.71	-212.13	0.00040
-205.06	-63.64	0.00054	-197.99	-70.71	0.00065
-190.92	-77.78	0.00081	-183.85	-84.85	0.00103
-176.78	-91.92	0.00137	-169.71	-98.99	0.00189
-162.63	-106.07	0.00270	-155.56	-113.14	0.00394
-152.03	-116.67	0.00475	-148.49	-120.21	0.00572
-146.37	-122.33	0.00637	-144.96	-123.74	0.00684
-143.54	-125.16	0.00733	-142.13	-126.57	0.00784

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00169	-91.92	-148.49	0.00118
-84.85	-155.56	0.00086	-77.78	-162.63	0.00066
-70.71	-169.71	0.00052	-63.64	-176.78	0.00043
-56.57	-183.85	0.00036	-49.50	-190.92	0.00030
-183.85	-42.43	0.00084	-176.78	-49.50	0.00105
-169.71	-56.57	0.00135	-162.63	-63.64	0.00174
-155.56	-70.71	0.00224	-148.49	-77.78	0.00289
-141.42	-84.85	0.00371	-134.35	-91.92	0.00473
-130.81	-95.46	0.00532	-127.28	-98.99	0.00596
-125.16	-101.12	0.00639	-123.74	-102.53	0.00670
-122.33	-103.94	0.00703	-120.92	-105.36	0.00740
-119.50	-106.77	0.00784	-106.77	-119.50	0.00388
-105.36	-120.92	0.00341	-103.94	-122.33	0.00303
-102.53	-123.74	0.00272	-101.12	-125.16	0.00245
-98.99	-127.28	0.00212	-95.46	-130.81	0.00169
-91.92	-134.35	0.00139	-84.85	-141.42	0.00098
-77.78	-148.49	0.00074	-70.71	-155.56	0.00058
-63.64	-162.63	0.00047	-56.57	-169.71	0.00039
-49.50	-176.78	0.00033	-42.43	-183.85	0.00028
-176.78	-35.36	0.00096	-169.71	-42.43	0.00121
-162.63	-49.50	0.00152	-155.56	-56.57	0.00193
-148.49	-63.64	0.00243	-141.42	-70.71	0.00307
-134.35	-77.78	0.00385	-127.28	-84.85	0.00479
-123.74	-88.39	0.00532	-120.21	-91.92	0.00589
-118.09	-94.05	0.00623	-116.67	-95.46	0.00647
-115.26	-96.87	0.00672	-113.84	-98.29	0.00700
-112.43	-99.70	0.00734	-99.70	-112.43	0.00320
-98.29	-113.84	0.00275	-96.87	-115.26	0.00241
-95.46	-116.67	0.00214	-94.05	-118.09	0.00193

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

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

18:23:07
 **MODELOPTS:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00166	-88.39	-123.74	0.00135
-84.85	-127.28	0.00113	-77.78	-134.35	0.00085
-70.71	-141.42	0.00066	-63.64	-148.49	0.00053
-56.57	-155.56	0.00043	-49.50	-162.63	0.00036
-42.43	-169.71	0.00030	-35.36	-176.78	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00109	-162.63	-35.36	0.00135
-155.56	-42.43	0.00167	-148.49	-49.50	0.00207
-141.42	-56.57	0.00256	-134.35	-63.64	0.00317
-127.28	-70.71	0.00392	-120.21	-77.78	0.00480
-116.67	-81.32	0.00530	-113.14	-84.85	0.00580
-111.02	-86.97	0.00609	-109.60	-88.39	0.00629
-108.19	-89.80	0.00648	-106.77	-91.22	0.00669
-105.36	-92.63	0.00689	-92.63	-105.36	0.00238
-91.22	-106.77	0.00207	-89.80	-108.19	0.00185
-88.39	-109.60	0.00168	-86.97	-111.02	0.00154
-84.85	-113.14	0.00137	-81.32	-116.67	0.00115
-77.78	-120.21	0.00099	-70.71	-127.28	0.00076
-63.64	-134.35	0.00060	-56.57	-141.42	0.00048
-49.50	-148.49	0.00040	-42.43	-155.56	0.00033
-35.36	-162.63	0.00028	-28.28	-169.71	0.00024
-162.63	-21.21	0.00120	-155.56	-28.28	0.00146
-148.49	-35.36	0.00178	-141.42	-42.43	0.00217
-134.35	-49.50	0.00265	-127.28	-56.57	0.00323
-120.21	-63.64	0.00392	-113.14	-70.71	0.00474
-109.60	-74.25	0.00518	-106.07	-77.78	0.00560
-103.94	-79.90	0.00584	-102.53	-81.32	0.00597
-101.12	-82.73	0.00608	-99.70	-84.15	0.00612
-98.29	-85.56	0.00606	-85.56	-98.29	0.00202
-84.15	-99.70	0.00181	-82.73	-101.12	0.00163
-81.32	-102.53	0.00149	-79.90	-103.94	0.00137
-77.78	-106.07	0.00123	-74.25	-109.60	0.00104
-70.71	-113.14	0.00089	-63.64	-120.21	0.00069
-56.57	-127.28	0.00055	-49.50	-134.35	0.00044
-42.43	-141.42	0.00036	-35.36	-148.49	0.00030
-28.28	-155.56	0.00026	-21.21	-162.63	0.00022
-155.56	-14.14	0.00129	-148.49	-21.21	0.00154
-141.42	-28.28	0.00185	-134.35	-35.36	0.00222
-127.28	-42.43	0.00266	-120.21	-49.50	0.00318
-113.14	-56.57	0.00377	-106.07	-63.64	0.00433
-102.53	-67.18	0.00452	-98.99	-70.71	0.00455

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

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

18:23:07
 **MODELOPTs:
 PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

		15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00446	-95.46	-74.25	0.00436
-94.05	-75.66	0.00421	-92.63	-77.07	0.00403
-91.22	-78.49	0.00381	-78.49	-91.22	0.00174
-77.07	-92.63	0.00159	-75.66	-94.05	0.00146
-74.25	-95.46	0.00135	-72.83	-96.87	0.00125
-70.71	-98.99	0.00112	-67.18	-102.53	0.00096
-63.64	-106.07	0.00082	-56.57	-113.14	0.00064
-49.50	-120.21	0.00051	-42.43	-127.28	0.00041
-35.36	-134.35	0.00034	-28.28	-141.42	0.00028
-21.21	-148.49	0.00024	-14.14	-155.56	0.00021
-148.49	-7.07	0.00135	-141.42	-14.14	0.00159
-134.35	-21.21	0.00187	-127.28	-28.28	0.00220
-120.21	-35.36	0.00257	-113.14	-42.43	0.00296
-106.07	-49.50	0.00330	-98.99	-56.57	0.00343
-95.46	-60.10	0.00337	-91.92	-63.64	0.00321
-89.80	-65.76	0.00307	-88.39	-67.18	0.00297
-86.97	-68.59	0.00285	-85.56	-70.00	0.00273
-84.15	-71.42	0.00261	-71.42	-84.15	0.00145
-70.00	-85.56	0.00134	-68.59	-86.97	0.00125
-67.18	-88.39	0.00117	-65.76	-89.80	0.00109
-63.64	-91.92	0.00100	-60.10	-95.46	0.00087
-56.57	-98.99	0.00076	-49.50	-106.07	0.00059
-42.43	-113.14	0.00047	-35.36	-120.21	0.00039
-28.28	-127.28	0.00032	-21.21	-134.35	0.00027
-14.14	-141.42	0.00023	-7.07	-148.49	0.00020
-141.42	0.00	0.00137	-134.35	-7.07	0.00159
-127.28	-14.14	0.00183	-120.21	-21.21	0.00209
-113.14	-28.28	0.00235	-106.07	-35.36	0.00256
-98.99	-42.43	0.00266	-91.92	-49.50	0.00258
-88.39	-53.03	0.00248	-84.85	-56.57	0.00233
-82.73	-58.69	0.00223	-81.32	-60.10	0.00215
-79.90	-61.52	0.00208	-78.49	-62.93	0.00200
-77.07	-64.35	0.00193	-64.35	-77.07	0.00121
-62.93	-78.49	0.00113	-61.52	-79.90	0.00106
-60.10	-81.32	0.00100	-58.69	-82.73	0.00094
-56.57	-84.85	0.00087	-53.03	-88.39	0.00077
-49.50	-91.92	0.00068	-42.43	-98.99	0.00055
-35.36	-106.07	0.00045	-28.28	-113.14	0.00037
-21.21	-120.21	0.00031	-14.14	-127.28	0.00026
-7.07	-134.35	0.00022	0.00	-141.42	0.00019

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00135	-127.28	0.00	0.00153
-120.21	-7.07	0.00171	-113.14	-14.14	0.00189
-106.07	-21.21	0.00203	-98.99	-28.28	0.00211
-91.92	-35.36	0.00209	-84.85	-42.43	0.00197
-81.32	-45.96	0.00188	-77.78	-49.50	0.00176
-75.66	-51.62	0.00169	-74.25	-53.03	0.00164
-72.83	-54.45	0.00160	-71.42	-55.86	0.00155
-70.00	-57.28	0.00151	-57.28	-70.00	0.00102
-55.86	-71.42	0.00096	-54.45	-72.83	0.00091
-53.03	-74.25	0.00086	-51.62	-75.66	0.00082
-49.50	-77.78	0.00076	-45.96	-81.32	0.00067
-42.43	-84.85	0.00061	-35.36	-91.92	0.00050
-28.28	-98.99	0.00042	-21.21	-106.07	0.00035
-14.14	-113.14	0.00029	-7.07	-120.21	0.00025
0.00	-127.28	0.00021	7.07	-134.35	0.00018
-127.28	14.14	0.00129	-120.21	7.07	0.00143
-113.14	0.00	0.00155	-106.07	-7.07	0.00165
-98.99	-14.14	0.00171	-91.92	-21.21	0.00171
-84.85	-28.28	0.00166	-77.78	-35.36	0.00155
-74.25	-38.89	0.00147	-70.71	-42.43	0.00138
-68.59	-44.55	0.00134	-67.18	-45.96	0.00130
-65.76	-47.38	0.00127	-64.35	-48.79	0.00124
-62.93	-50.20	0.00121	-50.20	-62.93	0.00087
-48.79	-64.35	0.00082	-47.38	-65.76	0.00078
-45.96	-67.18	0.00074	-44.55	-68.59	0.00071
-42.43	-70.71	0.00066	-38.89	-74.25	0.00059
-35.36	-77.78	0.00054	-28.28	-84.85	0.00045
-21.21	-91.92	0.00038	-14.14	-98.99	0.00033
-7.07	-106.07	0.00028	0.00	-113.14	0.00024
7.07	-120.21	0.00020	14.14	-127.28	0.00018
-120.21	21.21	0.00120	-113.14	14.14	0.00129
-106.07	7.07	0.00136	-98.99	0.00	0.00141
-91.92	-7.07	0.00142	-84.85	-14.14	0.00140
-77.78	-21.21	0.00134	-70.71	-28.28	0.00124
-67.18	-31.82	0.00118	-63.64	-35.36	0.00112
-61.52	-37.48	0.00109	-60.10	-38.89	0.00106
-58.69	-40.31	0.00104	-57.28	-41.72	0.00102

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00100	-43.13	-55.86	0.00074
-41.72	-57.28	0.00071	-40.31	-58.69	0.00068
-38.89	-60.10	0.00065	-37.48	-61.52	0.00062

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

18:23:07
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00058	-31.82	-67.18	0.00052
-28.28	-70.71	0.00048	-21.21	-77.78	0.00040
-14.14	-84.85	0.00035	-7.07	-91.92	0.00030
0.00	-98.99	0.00026	7.07	-106.07	0.00023
14.14	-113.14	0.00020	21.21	-120.21	0.00017
-113.14	28.28	0.00109	-106.07	21.21	0.00114
-98.99	14.14	0.00118	-91.92	7.07	0.00120
-84.85	0.00	0.00119	-77.78	-7.07	0.00116
-70.71	-14.14	0.00110	-63.64	-21.21	0.00101
-60.10	-24.75	0.00097	-56.57	-28.28	0.00093
-54.45	-30.41	0.00090	-53.03	-31.82	0.00089
-51.62	-33.23	0.00087	-50.20	-34.65	0.00085
-48.79	-36.06	0.00084	-36.06	-48.79	0.00064
-34.65	-50.20	0.00062	-33.23	-51.62	0.00059
-31.82	-53.03	0.00057	-30.41	-54.45	0.00055
-28.28	-56.57	0.00051	-24.75	-60.10	0.00047
-21.21	-63.64	0.00043	-14.14	-70.71	0.00036
-7.07	-77.78	0.00032	0.00	-84.85	0.00028
7.07	-91.92	0.00024	14.14	-98.99	0.00021
21.21	-106.07	0.00019	28.28	-113.14	0.00017
-106.07	35.36	0.00097	-98.99	28.28	0.00100
-91.92	21.21	0.00102	-84.85	14.14	0.00102
-77.78	7.07	0.00101	-70.71	0.00	0.00097
-63.64	-7.07	0.00091	-56.57	-14.14	0.00085
-53.03	-17.68	0.00081	-49.50	-21.21	0.00078
-47.38	-23.33	0.00076	-45.96	-24.75	0.00075
-44.55	-26.16	0.00074	-43.13	-27.58	0.00073
-41.72	-28.99	0.00071	-28.99	-41.72	0.00056
-27.58	-43.13	0.00054	-26.16	-44.55	0.00052
-24.75	-45.96	0.00050	-23.33	-47.38	0.00048
-21.21	-49.50	0.00046	-17.68	-53.03	0.00042

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00038	-7.07	-63.64	0.00033
0.00	-70.71	0.00029	7.07	-77.78	0.00025
14.14	-84.85	0.00023	21.21	-91.92	0.00020
28.28	-98.99	0.00018	35.36	-106.07	0.00016
-98.99	42.43	0.00086	-91.92	35.36	0.00088
-84.85	28.28	0.00089	-77.78	21.21	0.00088
-70.71	14.14	0.00086	-63.64	7.07	0.00082
-56.57	0.00	0.00077	-49.50	-7.07	0.00072
-45.96	-10.61	0.00069	-42.43	-14.14	0.00067

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

18:23:07
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00065	-38.89	-17.68	0.00064
-37.48	-19.09	0.00063	-36.06	-20.51	0.00062
-34.65	-21.92	0.00061	-21.92	-34.65	0.00050
-20.51	-36.06	0.00048	-19.09	-37.48	0.00046
-17.68	-38.89	0.00045	-16.26	-40.31	0.00043
-14.14	-42.43	0.00041	-10.61	-45.96	0.00037
-7.07	-49.50	0.00035	0.00	-56.57	0.00030
7.07	-63.64	0.00026	14.14	-70.71	0.00023
21.21	-77.78	0.00021	28.28	-84.85	0.00019
35.36	-91.92	0.00017	42.43	-98.99	0.00015
-91.92	49.50	0.00077	-84.85	42.43	0.00077
-77.78	35.36	0.00077	-70.71	28.28	0.00076
-63.64	21.21	0.00074	-56.57	14.14	0.00070
-49.50	7.07	0.00066	-42.43	0.00	0.00062
-38.89	-3.54	0.00060	-35.36	-7.07	0.00058
-33.23	-9.19	0.00057	-31.82	-10.61	0.00056
-30.41	-12.02	0.00055	-28.99	-13.44	0.00054
-27.58	-14.85	0.00054	-14.85	-27.58	0.00044
-13.44	-28.99	0.00043	-12.02	-30.41	0.00041
-10.61	-31.82	0.00040	-9.19	-33.23	0.00039
-7.07	-35.36	0.00037	-3.54	-38.89	0.00034
0.00	-42.43	0.00031	7.07	-49.50	0.00027
14.14	-56.57	0.00024	21.21	-63.64	0.00022
28.28	-70.71	0.00019	35.36	-77.78	0.00017
42.43	-84.85	0.00016	49.50	-91.92	0.00014

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00068	-77.78	49.50	0.00068
-70.71	42.43	0.00068	-63.64	35.36	0.00066
-56.57	28.28	0.00064	-49.50	21.21	0.00061
-42.43	14.14	0.00057	-35.36	7.07	0.00054
-31.82	3.54	0.00052	-28.28	0.00	0.00051
-26.16	-2.12	0.00050	-24.75	-3.54	0.00049
-23.33	-4.95	0.00048	-21.92	-6.36	0.00048
-20.51	-7.78	0.00047	-7.78	-20.51	0.00039
-6.36	-21.92	0.00038	-4.95	-23.33	0.00037
-3.54	-24.75	0.00036	-2.12	-26.16	0.00035
0.00	-28.28	0.00033	3.54	-31.82	0.00031
7.07	-35.36	0.00029	14.14	-42.43	0.00025
21.21	-49.50	0.00022	28.28	-56.57	0.00020
35.36	-63.64	0.00018	42.43	-70.71	0.00016
49.50	-77.78	0.00015	56.57	-84.85	0.00014

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

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

18:23:07
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00061	-70.71	56.57	0.00061
-63.64	49.50	0.00060	-56.57	42.43	0.00058
-49.50	35.36	0.00056	-42.43	28.28	0.00053
-35.36	21.21	0.00050	-28.28	14.14	0.00047
-24.75	10.61	0.00046	-21.21	7.07	0.00045
-19.09	4.95	0.00044	-17.68	3.54	0.00043
-16.26	2.12	0.00043	-14.85	0.71	0.00042
-13.44	-0.71	0.00042	-0.71	-13.44	0.00035
0.71	-14.85	0.00034	2.12	-16.26	0.00033
3.54	-17.68	0.00032	4.95	-19.09	0.00032
7.07	-21.21	0.00030	10.61	-24.75	0.00028
14.14	-28.28	0.00026	21.21	-35.36	0.00023
28.28	-42.43	0.00020	35.36	-49.50	0.00018
42.43	-56.57	0.00017	49.50	-63.64	0.00015
56.57	-70.71	0.00014	63.64	-77.78	0.00013
-70.71	70.71	0.00054	-63.64	63.64	0.00054
-56.57	56.57	0.00053	-49.50	49.50	0.00051
-42.43	42.43	0.00049	-35.36	35.36	0.00046
-28.28	28.28	0.00044	-21.21	21.21	0.00042

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00041	-14.14	14.14	0.00040
-12.02	12.02	0.00039	-10.61	10.61	0.00039
-9.19	9.19	0.00038	-7.78	7.78	0.00038
-6.36	6.36	0.00037	6.36	-6.36	0.00032
7.78	-7.78	0.00031	9.19	-9.19	0.00030
10.61	-10.61	0.00029	12.02	-12.02	0.00029
14.14	-14.14	0.00028	17.68	-17.68	0.00026
21.21	-21.21	0.00024	28.28	-28.28	0.00021
35.36	-35.36	0.00019	42.43	-42.43	0.00017
49.50	-49.50	0.00016	56.57	-56.57	0.00014
63.64	-63.64	0.00013	70.71	-70.71	0.00012
-63.64	77.78	0.00049	-56.57	70.71	0.00048
-49.50	63.64	0.00047	-42.43	56.57	0.00045
-35.36	49.50	0.00043	-28.28	42.43	0.00041
-21.21	35.36	0.00039	-14.14	28.28	0.00037
-10.61	24.75	0.00036	-7.07	21.21	0.00036
-4.95	19.09	0.00035	-3.54	17.68	0.00035
-2.12	16.26	0.00034	-0.71	14.85	0.00034
0.71	13.44	0.00033	13.44	0.71	0.00029
14.85	-0.71	0.00028	16.26	-2.12	0.00027
17.68	-3.54	0.00027	19.09	-4.95	0.00026

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

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

18:23:07

**MODELOPTs:

PAGE 113

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00025	24.75	-10.61	0.00024
28.28	-14.14	0.00022	35.36	-21.21	0.00020
42.43	-28.28	0.00018	49.50	-35.36	0.00016
56.57	-42.43	0.00015	63.64	-49.50	0.00013
70.71	-56.57	0.00012	77.78	-63.64	0.00011
-56.57	84.85	0.00044	-49.50	77.78	0.00043
-42.43	70.71	0.00042	-35.36	63.64	0.00040
-28.28	56.57	0.00039	-21.21	49.50	0.00037
-14.14	42.43	0.00035	-7.07	35.36	0.00034
-3.54	31.82	0.00033	0.00	28.28	0.00032
2.12	26.16	0.00032	3.54	24.75	0.00031
4.95	23.33	0.00031	6.36	21.92	0.00031
7.78	20.51	0.00030	20.51	7.78	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00026	23.33	4.95	0.00025
24.75	3.54	0.00025	26.16	2.12	0.00024
28.28	0.00	0.00023	31.82	-3.54	0.00022
35.36	-7.07	0.00020	42.43	-14.14	0.00018
49.50	-21.21	0.00016	56.57	-28.28	0.00015
63.64	-35.36	0.00014	70.71	-42.43	0.00013
77.78	-49.50	0.00012	84.85	-56.57	0.00011
-49.50	91.92	0.00040	-42.43	84.85	0.00039
-35.36	77.78	0.00038	-28.28	70.71	0.00036
-21.21	63.64	0.00035	-14.14	56.57	0.00033
-7.07	49.50	0.00032	0.00	42.43	0.00030
3.54	38.89	0.00030	7.07	35.36	0.00029
9.19	33.23	0.00029	10.61	31.82	0.00028
12.02	30.41	0.00028	13.44	28.99	0.00028
14.85	27.58	0.00027	27.58	14.85	0.00024
28.99	13.44	0.00024	30.41	12.02	0.00023
31.82	10.61	0.00023	33.23	9.19	0.00022
35.36	7.07	0.00021	38.89	3.54	0.00020
42.43	0.00	0.00019	49.50	-7.07	0.00017
56.57	-14.14	0.00015	63.64	-21.21	0.00014
70.71	-28.28	0.00013	77.78	-35.36	0.00012
84.85	-42.43	0.00011	91.92	-49.50	0.00010
-42.43	98.99	0.00036	-35.36	91.92	0.00035
-28.28	84.85	0.00034	-21.21	77.78	0.00033
-14.14	70.71	0.00031	-7.07	63.64	0.00030
0.00	56.57	0.00029	7.07	49.50	0.00028
10.61	45.96	0.00027	14.14	42.43	0.00026

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

18:23:07
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00026	17.68	38.89	0.00026
19.09	37.48	0.00026	20.51	36.06	0.00025
21.92	34.65	0.00025	34.65	21.92	0.00022
36.06	20.51	0.00022	37.48	19.09	0.00021
38.89	17.68	0.00021	40.31	16.26	0.00020
42.43	14.14	0.00020	45.96	10.61	0.00019
49.50	7.07	0.00018	56.57	0.00	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00014	70.71	-14.14	0.00013
77.78	-21.21	0.00012	84.85	-28.28	0.00011
91.92	-35.36	0.00010	98.99	-42.43	0.00010
-35.36	106.07	0.00033	-28.28	98.99	0.00032
-21.21	91.92	0.00031	-14.14	84.85	0.00029
-7.07	77.78	0.00028	0.00	70.71	0.00027
7.07	63.64	0.00026	14.14	56.57	0.00025
17.68	53.03	0.00025	21.21	49.50	0.00024
23.33	47.38	0.00024	24.75	45.96	0.00024
26.16	44.55	0.00023	27.58	43.13	0.00023
28.99	41.72	0.00023	41.72	28.99	0.00020
43.13	27.58	0.00020	44.55	26.16	0.00020
45.96	24.75	0.00019	47.38	23.33	0.00019
49.50	21.21	0.00018	53.03	17.68	0.00017
56.57	14.14	0.00017	63.64	7.07	0.00015
70.71	0.00	0.00013	77.78	-7.07	0.00012
84.85	-14.14	0.00011	91.92	-21.21	0.00011
98.99	-28.28	0.00010	106.07	-35.36	0.00009
-28.28	113.14	0.00030	-21.21	106.07	0.00029
-14.14	98.99	0.00028	-7.07	91.92	0.00027
0.00	84.85	0.00026	7.07	77.78	0.00025
14.14	70.71	0.00024	21.21	63.64	0.00023
24.75	60.10	0.00023	28.28	56.57	0.00022
30.41	54.45	0.00022	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00021
36.06	48.79	0.00021	48.79	36.06	0.00019
50.20	34.65	0.00018	51.62	33.23	0.00018
53.03	31.82	0.00018	54.45	30.41	0.00018
56.57	28.28	0.00017	60.10	24.75	0.00016
63.64	21.21	0.00015	70.71	14.14	0.00014
77.78	7.07	0.00013	84.85	0.00	0.00012
91.92	-7.07	0.00011	98.99	-14.14	0.00010
106.07	-21.21	0.00009	113.14	-28.28	0.00009

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

18:23:07
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00027	-14.14	113.14	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00025	0.00	98.99	0.00024
7.07	91.92	0.00024	14.14	84.85	0.00023
21.21	77.78	0.00022	28.28	70.71	0.00021
31.82	67.18	0.00021	35.36	63.64	0.00020
37.48	61.52	0.00020	38.89	60.10	0.00020
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00020	55.86	43.13	0.00017
57.28	41.72	0.00017	58.69	40.31	0.00017
60.10	38.89	0.00017	61.52	37.48	0.00016
63.64	35.36	0.00016	67.18	31.82	0.00015
70.71	28.28	0.00014	77.78	21.21	0.00013
84.85	14.14	0.00012	91.92	7.07	0.00011
98.99	0.00	0.00010	106.07	-7.07	0.00009
113.14	-14.14	0.00009	120.21	-21.21	0.00008
-14.14	127.28	0.00025	-7.07	120.21	0.00024
0.00	113.14	0.00023	7.07	106.07	0.00022
14.14	98.99	0.00022	21.21	91.92	0.00021
28.28	84.85	0.00020	35.36	77.78	0.00020
38.89	74.25	0.00019	42.43	70.71	0.00019
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00018	48.79	64.35	0.00018
50.20	62.93	0.00018	62.93	50.20	0.00016
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00015
70.71	42.43	0.00015	74.25	38.89	0.00014
77.78	35.36	0.00014	84.85	28.28	0.00012
91.92	21.21	0.00011	98.99	14.14	0.00010
106.07	7.07	0.00010	113.14	0.00	0.00009
120.21	-7.07	0.00008	127.28	-14.14	0.00008
-7.07	134.35	0.00023	0.00	127.28	0.00022
7.07	120.21	0.00021	14.14	113.14	0.00021
21.21	106.07	0.00020	28.28	98.99	0.00019
35.36	91.92	0.00019	42.43	84.85	0.00018
45.96	81.32	0.00018	49.50	77.78	0.00018
51.62	75.66	0.00017	53.03	74.25	0.00017
54.45	72.83	0.00017	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00015
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00014

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00014	81.32	45.96	0.00013	
84.85	42.43	0.00013	91.92	35.36	0.00012	
98.99	28.28	0.00011	106.07	21.21	0.00010	
113.14	14.14	0.00009	120.21	7.07	0.00008	
127.28	0.00	0.00008	134.35	-7.07	0.00008	
0.00	141.42	0.00021	7.07	134.35	0.00020	
14.14	127.28	0.00020	21.21	120.21	0.00019	
28.28	113.14	0.00019	35.36	106.07	0.00018	
42.43	98.99	0.00017	49.50	91.92	0.00017	
53.03	88.39	0.00017	56.57	84.85	0.00016	
58.69	82.73	0.00016	60.10	81.32	0.00016	
61.52	79.90	0.00016	62.93	78.49	0.00016	
64.35	77.07	0.00016	77.07	64.35	0.00014	
78.49	62.93	0.00014	79.90	61.52	0.00014	
81.32	60.10	0.00014	82.73	58.69	0.00013	
84.85	56.57	0.00013	88.39	53.03	0.00013	
91.92	49.50	0.00012	98.99	42.43	0.00011	
106.07	35.36	0.00010	113.14	28.28	0.00009	
120.21	21.21	0.00009	127.28	14.14	0.00008	
134.35	7.07	0.00008	141.42	0.00	0.00007	
7.07	148.49	0.00020	14.14	141.42	0.00019	
21.21	134.35	0.00018	28.28	127.28	0.00018	
35.36	120.21	0.00017	42.43	113.14	0.00017	
49.50	106.07	0.00016	56.57	98.99	0.00016	
60.10	95.46	0.00016	63.64	91.92	0.00015	
65.76	89.80	0.00015	67.18	88.39	0.00015	
68.59	86.97	0.00015	70.00	85.56	0.00015	
71.42	84.15	0.00015	84.15	71.42	0.00013	
85.56	70.00	0.00013	86.97	68.59	0.00013	
88.39	67.18	0.00013	89.80	65.76	0.00013	
91.92	63.64	0.00012	95.46	60.10	0.00012	
98.99	56.57	0.00011	106.07	49.50	0.00010	
113.14	42.43	0.00010	120.21	35.36	0.00009	
127.28	28.28	0.00008	134.35	21.21	0.00008	
141.42	14.14	0.00007	148.49	7.07	0.00007	
14.14	155.56	0.00018	21.21	148.49	0.00018	
28.28	141.42	0.00017	35.36	134.35	0.00016	
42.43	127.28	0.00016	49.50	120.21	0.00016	
56.57	113.14	0.00015	63.64	106.07	0.00015	

67.18 102.53 0.00015 70.71 98.99 0.00014

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00014	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00012
92.63	77.07	0.00012	94.05	75.66	0.00012
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00011
106.07	63.64	0.00011	113.14	56.57	0.00010
120.21	49.50	0.00009	127.28	42.43	0.00008
134.35	35.36	0.00008	141.42	28.28	0.00007
148.49	21.21	0.00007	155.56	14.14	0.00007
21.21	162.63	0.00017	28.28	155.56	0.00016
35.36	148.49	0.00016	42.43	141.42	0.00015
49.50	134.35	0.00015	56.57	127.28	0.00015
63.64	120.21	0.00014	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00013
79.90	103.94	0.00013	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00011
102.53	81.32	0.00011	103.94	79.90	0.00011
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00010	120.21	63.64	0.00009
127.28	56.57	0.00009	134.35	49.50	0.00008
141.42	42.43	0.00007	148.49	35.36	0.00007
155.56	28.28	0.00007	162.63	21.21	0.00006
28.28	169.71	0.00016	35.36	162.63	0.00015
42.43	155.56	0.00015	49.50	148.49	0.00014
56.57	141.42	0.00014	63.64	134.35	0.00014
70.71	127.28	0.00013	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00012	88.39	109.60	0.00012
89.80	108.19	0.00012	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00010	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00009
134.35	63.64	0.00008	141.42	56.57	0.00008
148.49	49.50	0.00007	155.56	42.43	0.00007
162.63	35.36	0.00006	169.71	28.28	0.00006

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00015	42.43	169.71	0.00014
49.50	162.63	0.00014	56.57	155.56	0.00013
63.64	148.49	0.00013	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00012
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00012	98.29	113.84	0.00011
99.70	112.43	0.00011	112.43	99.70	0.00010
113.84	98.29	0.00010	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00009	134.35	77.78	0.00009
141.42	70.71	0.00008	148.49	63.64	0.00007
155.56	56.57	0.00007	162.63	49.50	0.00006
169.71	42.43	0.00006	176.78	35.36	0.00006
42.43	183.85	0.00014	49.50	176.78	0.00013
56.57	169.71	0.00013	63.64	162.63	0.00013
70.71	155.56	0.00012	77.78	148.49	0.00012
84.85	141.42	0.00012	91.92	134.35	0.00011
95.46	130.81	0.00011	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00009
127.28	98.99	0.00009	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00008

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00008	155.56	70.71	0.00007
162.63	63.64	0.00007	169.71	56.57	0.00006
176.78	49.50	0.00006	183.85	42.43	0.00006
49.50	190.92	0.00013	56.57	183.85	0.00013
63.64	176.78	0.00012	70.71	169.71	0.00012
77.78	162.63	0.00012	84.85	155.56	0.00011
91.92	148.49	0.00011	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00010	109.60	130.81	0.00010
111.02	129.40	0.00010	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00009
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00008	148.49	91.92	0.00008
155.56	84.85	0.00007	162.63	77.78	0.00007
169.71	70.71	0.00006	176.78	63.64	0.00006
183.85	56.57	0.00006	190.92	49.50	0.00005
56.57	197.99	0.00012	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00011
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00010
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00008	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00007
162.63	91.92	0.00007	169.71	84.85	0.00006
176.78	77.78	0.00006	183.85	70.71	0.00006
190.92	63.64	0.00005	197.99	56.57	0.00005
63.64	205.06	0.00011	70.71	197.99	0.00011

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00010	98.99	169.71	0.00010
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00009
122.33	146.37	0.00009	123.74	144.96	0.00009
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00009
142.13	126.57	0.00008	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00007
169.71	98.99	0.00007	176.78	91.92	0.00006
183.85	84.85	0.00006	190.92	77.78	0.00005
197.99	70.71	0.00005	205.06	63.64	0.00005
70.71	212.13	0.00011	77.78	205.06	0.00011
84.85	197.99	0.00010	91.92	190.92	0.00010
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00009	120.21	162.63	0.00009
123.74	159.10	0.00009	127.28	155.56	0.00009

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00007
162.63	120.21	0.00007	169.71	113.14	0.00007
176.78	106.07	0.00006	183.85	98.99	0.00006
190.92	91.92	0.00006	197.99	84.85	0.00005
205.06	77.78	0.00005	212.13	70.71	0.00005
77.78	219.20	0.00010	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00009	113.14	183.85	0.00009
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00009

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00008	137.89	159.10	0.00008
139.30	157.68	0.00008	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00008	160.51	136.47	0.00007
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00006	190.92	106.07	0.00006
197.99	98.99	0.00005	205.06	91.92	0.00005
212.13	84.85	0.00005	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00009
98.99	212.13	0.00009	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00008
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00006
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00005	212.13	98.99	0.00005
219.20	91.92	0.00005	226.27	84.85	0.00004

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00009	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00008	127.28	197.99	0.00008
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00008
156.27	169.00	0.00008	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00006	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00005
212.13	113.14	0.00005	219.20	106.07	0.00005
226.27	98.99	0.00004	233.35	91.92	0.00004
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00008	120.21	219.20	0.00008
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00008	155.56	183.85	0.00007
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00007
183.85	155.56	0.00006	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00005	212.13	127.28	0.00005
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00004	240.42	98.99	0.00004
106.07	247.49	0.00008	113.14	240.42	0.00008
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00007	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00006
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00005	219.20	134.35	0.00005

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00005	233.35	120.21	0.00004
240.42	113.14	0.00004	247.49	106.07	0.00004

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00142	-240.42	-113.14	0.00159
-233.35	-120.21	0.00178	-226.27	-127.28	0.00201
-219.20	-134.35	0.00228	-212.13	-141.42	0.00262
-205.06	-148.49	0.00304	-197.99	-155.56	0.00355
-194.45	-159.10	0.00385	-190.92	-162.63	0.00418
-188.80	-164.76	0.00437	-187.38	-166.17	0.00449
-185.97	-167.58	0.00460	-184.55	-169.00	0.00468
-183.14	-170.41	0.00474	-170.41	-183.14	0.00460
-169.00	-184.55	0.00457	-167.58	-185.97	0.00453
-166.17	-187.38	0.00448	-164.76	-188.80	0.00442
-162.63	-190.92	0.00432	-159.10	-194.45	0.00412
-155.56	-197.99	0.00390	-148.49	-205.06	0.00344
-141.42	-212.13	0.00302	-134.35	-219.20	0.00266
-127.28	-226.27	0.00235	-120.21	-233.35	0.00210
-113.14	-240.42	0.00188	-106.07	-247.49	0.00169
-240.42	-98.99	0.00147	-233.35	-106.07	0.00164
-226.27	-113.14	0.00184	-219.20	-120.21	0.00208
-212.13	-127.28	0.00237	-205.06	-134.35	0.00273
-197.99	-141.42	0.00318	-190.92	-148.49	0.00375
-187.38	-152.03	0.00410	-183.85	-155.56	0.00449
-181.73	-157.68	0.00475	-180.31	-159.10	0.00493
-178.90	-160.51	0.00512	-177.48	-161.93	0.00529
-176.07	-163.34	0.00544	-163.34	-176.07	0.00541
-161.93	-177.48	0.00534	-160.51	-178.90	0.00526
-159.10	-180.31	0.00516	-157.68	-181.73	0.00504
-155.56	-183.85	0.00486	-152.03	-187.38	0.00454
-148.49	-190.92	0.00422	-141.42	-197.99	0.00363
-134.35	-205.06	0.00314	-127.28	-212.13	0.00274
-120.21	-219.20	0.00242	-113.14	-226.27	0.00214
-106.07	-233.35	0.00191	-98.99	-240.42	0.00172
-233.35	-91.92	0.00151	-226.27	-99.00	0.00169
-219.20	-106.07	0.00190	-212.13	-113.14	0.00216

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00247	-197.99	-127.28	0.00285
-190.92	-134.35	0.00333	-183.85	-141.42	0.00394
-180.31	-144.96	0.00432	-176.78	-148.49	0.00476
-174.66	-150.61	0.00505	-173.24	-152.03	0.00527
-171.83	-153.44	0.00551	-170.41	-154.86	0.00578
-169.00	-156.27	0.00607	-156.27	-169.00	0.00634
-154.86	-170.41	0.00612	-153.44	-171.83	0.00591
-152.03	-173.24	0.00571	-150.61	-174.66	0.00551

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

18:23:07
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00523	-144.96	-180.31	0.00481
-141.42	-183.85	0.00442	-134.35	-190.92	0.00377
-127.28	-197.99	0.00324	-120.21	-205.06	0.00282
-113.14	-212.13	0.00247	-106.07	-219.20	0.00219
-98.99	-226.27	0.00195	-91.92	-233.35	0.00175
-226.27	-84.85	0.00155	-219.20	-91.92	0.00174
-212.13	-99.00	0.00197	-205.06	-106.07	0.00224
-197.99	-113.14	0.00257	-190.92	-120.21	0.00299
-183.85	-127.28	0.00350	-176.78	-134.35	0.00417
-173.24	-137.89	0.00459	-169.71	-141.42	0.00509
-167.58	-143.54	0.00545	-166.17	-144.96	0.00573
-164.76	-146.37	0.00605	-163.34	-147.79	0.00646
-161.93	-149.20	0.00703	-149.20	-161.93	0.00678
-147.79	-163.34	0.00647	-146.37	-164.76	0.00621
-144.96	-166.17	0.00597	-143.54	-167.58	0.00575
-141.42	-169.71	0.00544	-137.89	-173.24	0.00498
-134.35	-176.78	0.00457	-127.28	-183.85	0.00388
-120.21	-190.92	0.00333	-113.14	-197.99	0.00289
-106.07	-205.06	0.00253	-98.99	-212.13	0.00223
-91.92	-219.20	0.00198	-84.85	-226.27	0.00178
-219.20	-77.78	0.00160	-212.13	-84.85	0.00180
-205.06	-91.92	0.00204	-197.99	-99.00	0.00234
-190.92	-106.07	0.00271	-183.85	-113.14	0.00318
-176.78	-120.21	0.00380	-169.71	-127.28	0.00471
-166.17	-130.81	0.00537	-162.63	-134.35	0.00626
-160.51	-136.47	0.00694	-159.10	-137.89	0.00745

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00802	-156.27	-140.71	0.00865
-154.86	-142.13	0.00936	-142.13	-154.86	0.00713
-140.71	-156.27	0.00676	-139.30	-157.68	0.00645
-137.89	-159.10	0.00618	-136.47	-160.51	0.00593
-134.35	-162.63	0.00560	-130.81	-166.17	0.00511
-127.28	-169.71	0.00468	-120.21	-176.78	0.00396
-113.14	-183.85	0.00339	-106.07	-190.92	0.00294
-98.99	-197.99	0.00257	-91.92	-205.06	0.00226
-84.85	-212.13	0.00201	-77.78	-219.20	0.00180
-212.13	-70.71	0.00165	-205.06	-77.78	0.00188
-197.99	-84.85	0.00215	-190.92	-91.92	0.00249
-183.85	-98.99	0.00292	-176.78	-106.07	0.00352
-169.71	-113.14	0.00438	-162.63	-120.21	0.00571
-159.10	-123.74	0.00661	-155.56	-127.28	0.00769

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00841	-152.03	-130.81	0.00893
-150.61	-132.23	0.00946	-149.20	-133.64	0.01002
-147.79	-135.06	0.01064	-135.06	-147.79	0.00747
-133.64	-149.20	0.00706	-132.23	-150.61	0.00671
-130.81	-152.03	0.00641	-129.40	-153.44	0.00614
-127.28	-155.56	0.00577	-123.74	-159.10	0.00523
-120.21	-162.63	0.00478	-113.14	-169.71	0.00403
-106.07	-176.78	0.00345	-98.99	-183.85	0.00298
-91.92	-190.92	0.00260	-84.85	-197.99	0.00229
-77.78	-205.06	0.00203	-70.71	-212.13	0.00181
-205.06	-63.64	0.00173	-197.99	-70.71	0.00198
-190.92	-77.78	0.00230	-183.85	-84.85	0.00270
-176.78	-91.92	0.00325	-169.71	-98.99	0.00402
-162.63	-106.07	0.00512	-155.56	-113.14	0.00664
-152.03	-116.67	0.00758	-148.49	-120.21	0.00864
-146.37	-122.33	0.00933	-144.96	-123.74	0.00981
-143.54	-125.16	0.01031	-142.13	-126.57	0.01082
-140.71	-127.99	0.01137	-127.99	-140.71	0.00776
-126.57	-142.13	0.00731	-125.16	-143.54	0.00694
-123.74	-144.96	0.00662	-122.33	-146.37	0.00633

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00594	-116.67	-152.03	0.00537
-113.14	-155.56	0.00489	-106.07	-162.63	0.00410
-98.99	-169.71	0.00350	-91.92	-176.78	0.00302
-84.85	-183.85	0.00263	-77.78	-190.92	0.00231
-70.71	-197.99	0.00205	-63.64	-205.06	0.00183
-197.99	-56.57	0.00184	-190.92	-63.64	0.00213
-183.85	-70.71	0.00250	-176.78	-77.78	0.00299
-169.71	-84.85	0.00365	-162.63	-91.92	0.00455
-155.56	-98.99	0.00576	-148.49	-106.07	0.00732
-144.96	-109.60	0.00824	-141.42	-113.14	0.00927
-139.30	-115.26	0.00992	-137.89	-116.67	0.01038
-136.47	-118.09	0.01085	-135.06	-119.50	0.01133
-133.64	-120.92	0.01185	-120.92	-133.64	0.00800
-119.50	-135.06	0.00752	-118.09	-136.47	0.00714
-116.67	-137.89	0.00679	-115.26	-139.30	0.00649
-113.14	-141.42	0.00608	-109.60	-144.96	0.00549
-106.07	-148.49	0.00499	-98.99	-155.56	0.00417
-91.92	-162.63	0.00354	-84.85	-169.71	0.00305
-77.78	-176.78	0.00265	-70.71	-183.85	0.00233
-63.64	-190.92	0.00206	-56.57	-197.99	0.00184

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

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

18:23:07
 **MODELOPTS:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00197	-183.85	-56.57	0.00231
-176.78	-63.64	0.00274	-169.71	-70.71	0.00330
-162.63	-77.78	0.00405	-155.56	-84.85	0.00501
-148.49	-91.92	0.00624	-141.42	-98.99	0.00780
-137.89	-102.53	0.00871	-134.35	-106.07	0.00970
-132.23	-108.19	0.01033	-130.81	-109.60	0.01077
-129.40	-111.02	0.01122	-127.99	-112.43	0.01169
-126.57	-113.84	0.01219	-113.84	-126.57	0.00819
-112.43	-127.99	0.00770	-111.02	-129.40	0.00729
-109.60	-130.81	0.00694	-108.19	-132.23	0.00663
-106.07	-134.35	0.00620	-102.53	-137.89	0.00560
-98.99	-141.42	0.00508	-91.92	-148.49	0.00424
-84.85	-155.56	0.00359	-77.78	-162.63	0.00308
-70.71	-169.71	0.00267	-63.64	-176.78	0.00234

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00207	-49.50	-190.92	0.00184
-183.85	-42.43	0.00213	-176.78	-49.50	0.00250
-169.71	-56.57	0.00299	-162.63	-63.64	0.00361
-155.56	-70.71	0.00439	-148.49	-77.78	0.00537
-141.42	-84.85	0.00661	-134.35	-91.92	0.00815
-130.81	-95.46	0.00903	-127.28	-98.99	0.01001
-125.16	-101.12	0.01063	-123.74	-102.53	0.01106
-122.33	-103.94	0.01149	-120.92	-105.36	0.01195
-119.50	-106.77	0.01244	-106.77	-119.50	0.00834
-105.36	-120.92	0.00784	-103.94	-122.33	0.00742
-102.53	-123.74	0.00707	-101.12	-125.16	0.00674
-98.99	-127.28	0.00631	-95.46	-130.81	0.00568
-91.92	-134.35	0.00515	-84.85	-141.42	0.00429
-77.78	-148.49	0.00363	-70.71	-155.56	0.00311
-63.64	-162.63	0.00269	-56.57	-169.71	0.00236
-49.50	-176.78	0.00208	-42.43	-183.85	0.00185
-176.78	-35.36	0.00229	-169.71	-42.43	0.00270
-162.63	-49.50	0.00322	-155.56	-56.57	0.00387
-148.49	-63.64	0.00467	-141.42	-70.71	0.00566
-134.35	-77.78	0.00689	-127.28	-84.85	0.00840
-123.74	-88.39	0.00928	-120.21	-91.92	0.01024
-118.09	-94.05	0.01085	-116.67	-95.46	0.01126
-115.26	-96.87	0.01170	-113.84	-98.29	0.01215
-112.43	-99.70	0.01264	-99.70	-112.43	0.00847
-98.29	-113.84	0.00796	-96.87	-115.26	0.00753
-95.46	-116.67	0.00716	-94.05	-118.09	0.00683

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

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

18:23:07

**MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00639	-88.39	-123.74	0.00576
-84.85	-127.28	0.00522	-77.78	-134.35	0.00434
-70.71	-141.42	0.00367	-63.64	-148.49	0.00314
-56.57	-155.56	0.00271	-49.50	-162.63	0.00237
-42.43	-169.71	0.00209	-35.36	-176.78	0.00185
-169.71	-28.28	0.00245	-162.63	-35.36	0.00289
-155.56	-42.43	0.00342	-148.49	-49.50	0.00408
-141.42	-56.57	0.00489	-134.35	-63.64	0.00588

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00711	-120.21	-77.78	0.00860
-116.67	-81.32	0.00947	-113.14	-84.85	0.01041
-111.02	-86.97	0.01100	-109.60	-88.39	0.01141
-108.19	-89.80	0.01184	-106.77	-91.22	0.01232
-105.36	-92.63	0.01282	-92.63	-105.36	0.00857
-91.22	-106.77	0.00805	-89.80	-108.19	0.00762
-88.39	-109.60	0.00724	-86.97	-111.02	0.00691
-84.85	-113.14	0.00646	-81.32	-116.67	0.00582
-77.78	-120.21	0.00527	-70.71	-127.28	0.00438
-63.64	-134.35	0.00370	-56.57	-141.42	0.00316
-49.50	-148.49	0.00273	-42.43	-155.56	0.00238
-35.36	-162.63	0.00209	-28.28	-169.71	0.00185
-162.63	-21.21	0.00260	-155.56	-28.28	0.00305
-148.49	-35.36	0.00359	-141.42	-42.43	0.00426
-134.35	-49.50	0.00506	-127.28	-56.57	0.00606
-120.21	-63.64	0.00727	-113.14	-70.71	0.00876
-109.60	-74.25	0.00961	-106.07	-77.78	0.01054
-103.94	-79.90	0.01114	-102.53	-81.32	0.01155
-101.12	-82.73	0.01197	-99.70	-84.15	0.01243
-98.29	-85.56	0.01293	-85.56	-98.29	0.00865
-84.15	-99.70	0.00813	-82.73	-101.12	0.00769
-81.32	-102.53	0.00731	-79.90	-103.94	0.00697
-77.78	-106.07	0.00652	-74.25	-109.60	0.00587
-70.71	-113.14	0.00531	-63.64	-120.21	0.00442
-56.57	-127.28	0.00373	-49.50	-134.35	0.00318
-42.43	-141.42	0.00274	-35.36	-148.49	0.00239
-28.28	-155.56	0.00210	-21.21	-162.63	0.00186
-155.56	-14.14	0.00273	-148.49	-21.21	0.00319
-141.42	-28.28	0.00374	-134.35	-35.36	0.00440
-127.28	-42.43	0.00521	-120.21	-49.50	0.00620
-113.14	-56.57	0.00741	-106.07	-63.64	0.00888
-102.53	-67.18	0.00973	-98.99	-70.71	0.01065

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

18:23:07
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01124	-95.46	-74.25	0.01165
-94.05	-75.66	0.01207	-92.63	-77.07	0.01252

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01301	-78.49	-91.22	0.00871
-77.07	-92.63	0.00818	-75.66	-94.05	0.00775
-74.25	-95.46	0.00737	-72.83	-96.87	0.00703
-70.71	-98.99	0.00657	-67.18	-102.53	0.00591
-63.64	-106.07	0.00535	-56.57	-113.14	0.00444
-49.50	-120.21	0.00375	-42.43	-127.28	0.00320
-35.36	-134.35	0.00276	-28.28	-141.42	0.00240
-21.21	-148.49	0.00210	-14.14	-155.56	0.00186
-148.49	-7.07	0.00284	-141.42	-14.14	0.00330
-134.35	-21.21	0.00385	-127.28	-28.28	0.00452
-120.21	-35.36	0.00533	-113.14	-42.43	0.00631
-106.07	-49.50	0.00751	-98.99	-56.57	0.00897
-95.46	-60.10	0.00981	-91.92	-63.64	0.01073
-89.80	-65.76	0.01132	-88.39	-67.18	0.01173
-86.97	-68.59	0.01215	-85.56	-70.00	0.01258
-84.15	-71.42	0.01308	-71.42	-84.15	0.00876
-70.00	-85.56	0.00823	-68.59	-86.97	0.00780
-67.18	-88.39	0.00741	-65.76	-89.80	0.00707
-63.64	-91.92	0.00660	-60.10	-95.46	0.00594
-56.57	-98.99	0.00538	-49.50	-106.07	0.00447
-42.43	-113.14	0.00376	-35.36	-120.21	0.00321
-28.28	-127.28	0.00276	-21.21	-134.35	0.00240
-14.14	-141.42	0.00210	-7.07	-148.49	0.00186
-141.42	0.00	0.00293	-134.35	-7.07	0.00339
-127.28	-14.14	0.00395	-120.21	-21.21	0.00461
-113.14	-28.28	0.00542	-106.07	-35.36	0.00640
-98.99	-42.43	0.00759	-91.92	-49.50	0.00905
-88.39	-53.03	0.00988	-84.85	-56.57	0.01080
-82.73	-58.69	0.01138	-81.32	-60.10	0.01179
-79.90	-61.52	0.01221	-78.49	-62.93	0.01265
-77.07	-64.35	0.01313	-64.35	-77.07	0.00880
-62.93	-78.49	0.00827	-61.52	-79.90	0.00783
-60.10	-81.32	0.00745	-58.69	-82.73	0.00710
-56.57	-84.85	0.00663	-53.03	-88.39	0.00597
-49.50	-91.92	0.00540	-42.43	-98.99	0.00448
-35.36	-106.07	0.00377	-28.28	-113.14	0.00321
-21.21	-120.21	0.00277	-14.14	-127.28	0.00240
-7.07	-134.35	0.00210	0.00	-141.42	0.00185

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

04/20/08

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

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00301	-127.28	0.00	0.00347
-120.21	-7.07	0.00403	-113.14	-14.14	0.00469
-106.07	-21.21	0.00550	-98.99	-28.28	0.00647
-91.92	-35.36	0.00766	-84.85	-42.43	0.00910
-81.32	-45.96	0.00994	-77.78	-49.50	0.01085
-75.66	-51.62	0.01143	-74.25	-53.03	0.01183
-72.83	-54.45	0.01226	-71.42	-55.86	0.01270
-70.00	-57.28	0.01317	-57.28	-70.00	0.00884
-55.86	-71.42	0.00830	-54.45	-72.83	0.00786
-53.03	-74.25	0.00747	-51.62	-75.66	0.00712
-49.50	-77.78	0.00666	-45.96	-81.32	0.00598
-42.43	-84.85	0.00541	-35.36	-91.92	0.00449
-28.28	-98.99	0.00378	-21.21	-106.07	0.00322
-14.14	-113.14	0.00277	-7.07	-120.21	0.00240
0.00	-127.28	0.00210	7.07	-134.35	0.00185
-127.28	14.14	0.00308	-120.21	7.07	0.00354
-113.14	0.00	0.00409	-106.07	-7.07	0.00476
-98.99	-14.14	0.00556	-91.92	-21.21	0.00653
-84.85	-28.28	0.00771	-77.78	-35.36	0.00915
-74.25	-38.89	0.00998	-70.71	-42.43	0.01088
-68.59	-44.55	0.01147	-67.18	-45.96	0.01188
-65.76	-47.38	0.01230	-64.35	-48.79	0.01274
-62.93	-50.20	0.01321	-50.20	-62.93	0.00886
-48.79	-64.35	0.00833	-47.38	-65.76	0.00789
-45.96	-67.18	0.00749	-44.55	-68.59	0.00714
-42.43	-70.71	0.00667	-38.89	-74.25	0.00600
-35.36	-77.78	0.00543	-28.28	-84.85	0.00450
-21.21	-91.92	0.00378	-14.14	-98.99	0.00322
-7.07	-106.07	0.00277	0.00	-113.14	0.00240
7.07	-120.21	0.00209	14.14	-127.28	0.00184
-120.21	21.21	0.00313	-113.14	14.14	0.00359
-106.07	7.07	0.00415	-98.99	0.00	0.00481
-91.92	-7.07	0.00560	-84.85	-14.14	0.00657
-77.78	-21.21	0.00774	-70.71	-28.28	0.00918
-67.18	-31.82	0.01000	-63.64	-35.36	0.01092
-61.52	-37.48	0.01151	-60.10	-38.89	0.01191
-58.69	-40.31	0.01233	-57.28	-41.72	0.01276
-55.86	-43.13	0.01324	-43.13	-55.86	0.00888
-41.72	-57.28	0.00835	-40.31	-58.69	0.00790
-38.89	-60.10	0.00751	-37.48	-61.52	0.00716

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

*** NCRA Cumulative DPM Impacts

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

18:23:07

**MODELOPTS:
PAGE 130

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00669	-31.82	-67.18	0.00601
-28.28	-70.71	0.00543	-21.21	-77.78	0.00450
-14.14	-84.85	0.00378	-7.07	-91.92	0.00321
0.00	-98.99	0.00276	7.07	-106.07	0.00239
14.14	-113.14	0.00209	21.21	-120.21	0.00183
-113.14	28.28	0.00318	-106.07	21.21	0.00364
-98.99	14.14	0.00419	-91.92	7.07	0.00485
-84.85	0.00	0.00564	-77.78	-7.07	0.00660
-70.71	-14.14	0.00777	-63.64	-21.21	0.00920
-60.10	-24.75	0.01003	-56.57	-28.28	0.01095
-54.45	-30.41	0.01153	-53.03	-31.82	0.01193
-51.62	-33.23	0.01235	-50.20	-34.65	0.01279
-48.79	-36.06	0.01326	-36.06	-48.79	0.00890
-34.65	-50.20	0.00836	-33.23	-51.62	0.00791
-31.82	-53.03	0.00752	-30.41	-54.45	0.00717
-28.28	-56.57	0.00669	-24.75	-60.10	0.00601
-21.21	-63.64	0.00543	-14.14	-70.71	0.00450
-7.07	-77.78	0.00378	0.00	-84.85	0.00321
7.07	-91.92	0.00275	14.14	-98.99	0.00238
21.21	-106.07	0.00208	28.28	-113.14	0.00182
-106.07	35.36	0.00321	-98.99	28.28	0.00367
-91.92	21.21	0.00422	-84.85	14.14	0.00487
-77.78	7.07	0.00566	-70.71	0.00	0.00662
-63.64	-7.07	0.00779	-56.57	-14.14	0.00921
-53.03	-17.68	0.01005	-49.50	-21.21	0.01096
-47.38	-23.33	0.01153	-45.96	-24.75	0.01193
-44.55	-26.16	0.01235	-43.13	-27.58	0.01281
-41.72	-28.99	0.01331	-28.99	-41.72	0.00891
-27.58	-43.13	0.00837	-26.16	-44.55	0.00791
-24.75	-45.96	0.00752	-23.33	-47.38	0.00717
-21.21	-49.50	0.00669	-17.68	-53.03	0.00601
-14.14	-56.57	0.00543	-7.07	-63.64	0.00449
0.00	-70.71	0.00377	7.07	-77.78	0.00320
14.14	-84.85	0.00274	21.21	-91.92	0.00237

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00206	35.36	-106.07	0.00181
-98.99	42.43	0.00324	-91.92	35.36	0.00370
-84.85	28.28	0.00424	-77.78	21.21	0.00489
-70.71	14.14	0.00568	-63.64	7.07	0.00663
-56.57	0.00	0.00780	-49.50	-7.07	0.00923
-45.96	-10.61	0.01006	-42.43	-14.14	0.01096

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

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 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01154	-38.89	-17.68	0.01195
-37.48	-19.09	0.01236	-36.06	-20.51	0.01281
-34.65	-21.92	0.01331	-21.92	-34.65	0.00891
-20.51	-36.06	0.00837	-19.09	-37.48	0.00791
-17.68	-38.89	0.00752	-16.26	-40.31	0.00717
-14.14	-42.43	0.00669	-10.61	-45.96	0.00600
-7.07	-49.50	0.00542	0.00	-56.57	0.00448
7.07	-63.64	0.00376	14.14	-70.71	0.00318
21.21	-77.78	0.00273	28.28	-84.85	0.00235
35.36	-91.92	0.00205	42.43	-98.99	0.00179
-91.92	49.50	0.00326	-84.85	42.43	0.00372
-77.78	35.36	0.00426	-70.71	28.28	0.00491
-63.64	21.21	0.00569	-56.57	14.14	0.00664
-49.50	7.07	0.00780	-42.43	0.00	0.00923
-38.89	-3.54	0.01006	-35.36	-7.07	0.01097
-33.23	-9.19	0.01155	-31.82	-10.61	0.01195
-30.41	-12.02	0.01236	-28.99	-13.44	0.01280
-27.58	-14.85	0.01329	-14.85	-27.58	0.00889
-13.44	-28.99	0.00836	-12.02	-30.41	0.00791
-10.61	-31.82	0.00752	-9.19	-33.23	0.00716
-7.07	-35.36	0.00668	-3.54	-38.89	0.00599
0.00	-42.43	0.00541	7.07	-49.50	0.00447
14.14	-56.57	0.00374	21.21	-63.64	0.00317
28.28	-70.71	0.00271	35.36	-77.78	0.00233
42.43	-84.85	0.00203	49.50	-91.92	0.00177
-84.85	56.57	0.00328	-77.78	49.50	0.00373
-70.71	42.43	0.00427	-63.64	35.36	0.00491
-56.57	28.28	0.00569	-49.50	21.21	0.00664

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00780	-35.36	7.07	0.00923
-31.82	3.54	0.01005	-28.28	0.00	0.01096
-26.16	-2.12	0.01154	-24.75	-3.54	0.01194
-23.33	-4.95	0.01236	-21.92	-6.36	0.01279
-20.51	-7.78	0.01327	-7.78	-20.51	0.00888
-6.36	-21.92	0.00834	-4.95	-23.33	0.00790
-3.54	-24.75	0.00750	-2.12	-26.16	0.00715
0.00	-28.28	0.00667	3.54	-31.82	0.00598
7.07	-35.36	0.00540	14.14	-42.43	0.00445
21.21	-49.50	0.00372	28.28	-56.57	0.00315
35.36	-63.64	0.00269	42.43	-70.71	0.00231
49.50	-77.78	0.00201	56.57	-84.85	0.00175

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

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

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00329	-70.71	56.57	0.00374
-63.64	49.50	0.00427	-56.57	42.43	0.00491
-49.50	35.36	0.00568	-42.43	28.28	0.00663
-35.36	21.21	0.00779	-28.28	14.14	0.00922
-24.75	10.61	0.01004	-21.21	7.07	0.01095
-19.09	4.95	0.01153	-17.68	3.54	0.01192
-16.26	2.12	0.01234	-14.85	0.71	0.01278
-13.44	-0.71	0.01325	-0.71	-13.44	0.00886
0.71	-14.85	0.00833	2.12	-16.26	0.00788
3.54	-17.68	0.00748	4.95	-19.09	0.00713
7.07	-21.21	0.00665	10.61	-24.75	0.00596
14.14	-28.28	0.00538	21.21	-35.36	0.00443
28.28	-42.43	0.00370	35.36	-49.50	0.00312
42.43	-56.57	0.00266	49.50	-63.64	0.00229
56.57	-70.71	0.00198	63.64	-77.78	0.00173
-70.71	70.71	0.00329	-63.64	63.64	0.00374
-56.57	56.57	0.00426	-49.50	49.50	0.00490
-42.43	42.43	0.00567	-35.36	35.36	0.00662
-28.28	28.28	0.00778	-21.21	21.21	0.00920
-17.68	17.68	0.01003	-14.14	14.14	0.01093
-12.02	12.02	0.01150	-10.61	10.61	0.01191
-9.19	9.19	0.01232	-7.78	7.78	0.01276

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01323	6.36	-6.36	0.00885
7.78	-7.78	0.00831	9.19	-9.19	0.00786
10.61	-10.61	0.00746	12.02	-12.02	0.00710
14.14	-14.14	0.00663	17.68	-17.68	0.00594
21.21	-21.21	0.00535	28.28	-28.28	0.00440
35.36	-35.36	0.00367	42.43	-42.43	0.00310
49.50	-49.50	0.00264	56.57	-56.57	0.00226
63.64	-63.64	0.00196	70.71	-70.71	0.00170
-63.64	77.78	0.00329	-56.57	70.71	0.00373
-49.50	63.64	0.00425	-42.43	56.57	0.00489
-35.36	49.50	0.00565	-28.28	42.43	0.00660
-21.21	35.36	0.00776	-14.14	28.28	0.00918
-10.61	24.75	0.01000	-7.07	21.21	0.01090
-4.95	19.09	0.01148	-3.54	17.68	0.01189
-2.12	16.26	0.01231	-0.71	14.85	0.01274
0.71	13.44	0.01321	13.44	0.71	0.00882
14.85	-0.71	0.00828	16.26	-2.12	0.00783
17.68	-3.54	0.00743	19.09	-4.95	0.00708

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

18:23:07
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00660	24.75	-10.61	0.00591
28.28	-14.14	0.00532	35.36	-21.21	0.00437
42.43	-28.28	0.00364	49.50	-35.36	0.00306
56.57	-42.43	0.00260	63.64	-49.50	0.00223
70.71	-56.57	0.00193	77.78	-63.64	0.00167
-56.57	84.85	0.00329	-49.50	77.78	0.00372
-42.43	70.71	0.00424	-35.36	63.64	0.00487
-28.28	56.57	0.00563	-21.21	49.50	0.00657
-14.14	42.43	0.00773	-7.07	35.36	0.00915
-3.54	31.82	0.00997	0.00	28.28	0.01088
2.12	26.16	0.01146	3.54	24.75	0.01186
4.95	23.33	0.01227	6.36	21.92	0.01271
7.78	20.51	0.01318	20.51	7.78	0.00879
21.92	6.36	0.00825	23.33	4.95	0.00780
24.75	3.54	0.00740	26.16	2.12	0.00705
28.28	0.00	0.00657	31.82	-3.54	0.00587

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00529	42.43	-14.14	0.00434
49.50	-21.21	0.00360	56.57	-28.28	0.00303
63.64	-35.36	0.00257	70.71	-42.43	0.00220
77.78	-49.50	0.00189	84.85	-56.57	0.00164
-49.50	91.92	0.00328	-42.43	84.85	0.00371
-35.36	77.78	0.00422	-28.28	70.71	0.00484
-21.21	63.64	0.00560	-14.14	56.57	0.00654
-7.07	49.50	0.00769	0.00	42.43	0.00910
3.54	38.89	0.00993	7.07	35.36	0.01084
9.19	33.23	0.01142	10.61	31.82	0.01182
12.02	30.41	0.01224	13.44	28.99	0.01268
14.85	27.58	0.01315	27.58	14.85	0.00876
28.99	13.44	0.00822	30.41	12.02	0.00776
31.82	10.61	0.00736	33.23	9.19	0.00701
35.36	7.07	0.00652	38.89	3.54	0.00584
42.43	0.00	0.00525	49.50	-7.07	0.00430
56.57	-14.14	0.00356	63.64	-21.21	0.00299
70.71	-28.28	0.00253	77.78	-35.36	0.00216
84.85	-42.43	0.00186	91.92	-49.50	0.00161
-42.43	98.99	0.00327	-35.36	91.92	0.00369
-28.28	84.85	0.00420	-21.21	77.78	0.00481
-14.14	70.71	0.00557	-7.07	63.64	0.00650
0.00	56.57	0.00765	7.07	49.50	0.00906
10.61	45.96	0.00989	14.14	42.43	0.01080

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

18:23:07
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01137	17.68	38.89	0.01177
19.09	37.48	0.01219	20.51	36.06	0.01264
21.92	34.65	0.01314	34.65	21.92	0.00872
36.06	20.51	0.00817	37.48	19.09	0.00771
38.89	17.68	0.00732	40.31	16.26	0.00696
42.43	14.14	0.00648	45.96	10.61	0.00579
49.50	7.07	0.00520	56.57	0.00	0.00425
63.64	-7.07	0.00352	70.71	-14.14	0.00294
77.78	-21.21	0.00248	84.85	-28.28	0.00212
91.92	-35.36	0.00182	98.99	-42.43	0.00157

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00325	-28.28	98.99	0.00367
-21.21	91.92	0.00417	-14.14	84.85	0.00478
-7.07	77.78	0.00553	0.00	70.71	0.00645
7.07	63.64	0.00760	14.14	56.57	0.00902
17.68	53.03	0.00984	21.21	49.50	0.01074
23.33	47.38	0.01132	24.75	45.96	0.01172
26.16	44.55	0.01214	27.58	43.13	0.01259
28.99	41.72	0.01308	41.72	28.99	0.00866
43.13	27.58	0.00812	44.55	26.16	0.00766
45.96	24.75	0.00727	47.38	23.33	0.00691
49.50	21.21	0.00643	53.03	17.68	0.00574
56.57	14.14	0.00514	63.64	7.07	0.00420
70.71	0.00	0.00346	77.78	-7.07	0.00289
84.85	-14.14	0.00244	91.92	-21.21	0.00207
98.99	-28.28	0.00177	106.07	-35.36	0.00153
-28.28	113.14	0.00324	-21.21	106.07	0.00365
-14.14	98.99	0.00414	-7.07	91.92	0.00474
0.00	84.85	0.00548	7.07	77.78	0.00640
14.14	70.71	0.00754	21.21	63.64	0.00896
24.75	60.10	0.00978	28.28	56.57	0.01068
30.41	54.45	0.01126	31.82	53.03	0.01167
33.23	51.62	0.01208	34.65	50.20	0.01252
36.06	48.79	0.01300	48.79	36.06	0.00859
50.20	34.65	0.00806	51.62	33.23	0.00760
53.03	31.82	0.00721	54.45	30.41	0.00685
56.57	28.28	0.00637	60.10	24.75	0.00568
63.64	21.21	0.00509	70.71	14.14	0.00414
77.78	7.07	0.00341	84.85	0.00	0.00283
91.92	-7.07	0.00238	98.99	-14.14	0.00202
106.07	-21.21	0.00172	113.14	-28.28	0.00148

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00322	-14.14	113.14	0.00362
-7.07	106.07	0.00410	0.00	98.99	0.00469
7.07	91.92	0.00542	14.14	84.85	0.00634
21.21	77.78	0.00747	28.28	70.71	0.00889

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00971	35.36	63.64	0.01061
37.48	61.52	0.01119	38.89	60.10	0.01159
40.31	58.69	0.01201	41.72	57.28	0.01244
43.13	55.86	0.01292	55.86	43.13	0.00852
57.28	41.72	0.00798	58.69	40.31	0.00753
60.10	38.89	0.00714	61.52	37.48	0.00678
63.64	35.36	0.00630	67.18	31.82	0.00561
70.71	28.28	0.00502	77.78	21.21	0.00407
84.85	14.14	0.00334	91.92	7.07	0.00277
98.99	0.00	0.00232	106.07	-7.07	0.00196
113.14	-14.14	0.00167	120.21	-21.21	0.00143
-14.14	127.28	0.00319	-7.07	120.21	0.00359
0.00	113.14	0.00406	7.07	106.07	0.00464
14.14	98.99	0.00536	21.21	91.92	0.00627
28.28	84.85	0.00740	35.36	77.78	0.00881
38.89	74.25	0.00963	42.43	70.71	0.01053
44.55	68.59	0.01111	45.96	67.18	0.01151
47.38	65.76	0.01192	48.79	64.35	0.01236
50.20	62.93	0.01283	62.93	50.20	0.00844
64.35	48.79	0.00790	65.76	47.38	0.00745
67.18	45.96	0.00705	68.59	44.55	0.00670
70.71	42.43	0.00622	74.25	38.89	0.00553
77.78	35.36	0.00494	84.85	28.28	0.00399
91.92	21.21	0.00326	98.99	14.14	0.00270
106.07	7.07	0.00225	113.14	0.00	0.00190
120.21	-7.07	0.00161	127.28	-14.14	0.00138
-7.07	134.35	0.00317	0.00	127.28	0.00355
7.07	120.21	0.00402	14.14	113.14	0.00459
21.21	106.07	0.00530	28.28	98.99	0.00619
35.36	91.92	0.00731	42.43	84.85	0.00871
45.96	81.32	0.00953	49.50	77.78	0.01043
51.62	75.66	0.01101	53.03	74.25	0.01141
54.45	72.83	0.01183	55.86	71.42	0.01226
57.28	70.00	0.01274	70.00	57.28	0.00835
71.42	55.86	0.00781	72.83	54.45	0.00736
74.25	53.03	0.00696	75.66	51.62	0.00660

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00613	81.32	45.96	0.00544
84.85	42.43	0.00485	91.92	35.36	0.00390
98.99	28.28	0.00318	106.07	21.21	0.00262
113.14	14.14	0.00218	120.21	7.07	0.00183
127.28	0.00	0.00155	134.35	-7.07	0.00133
0.00	141.42	0.00314	7.07	134.35	0.00352
14.14	127.28	0.00397	21.21	120.21	0.00453
28.28	113.14	0.00523	35.36	106.07	0.00610
42.43	98.99	0.00721	49.50	91.92	0.00861
53.03	88.39	0.00942	56.57	84.85	0.01032
58.69	82.73	0.01090	60.10	81.32	0.01130
61.52	79.90	0.01172	62.93	78.49	0.01216
64.35	77.07	0.01263	77.07	64.35	0.00824
78.49	62.93	0.00770	79.90	61.52	0.00725
81.32	60.10	0.00686	82.73	58.69	0.00650
84.85	56.57	0.00602	88.39	53.03	0.00533
91.92	49.50	0.00475	98.99	42.43	0.00380
106.07	35.36	0.00308	113.14	28.28	0.00253
120.21	21.21	0.00210	127.28	14.14	0.00176
134.35	7.07	0.00149	141.42	0.00	0.00127
7.07	148.49	0.00311	14.14	141.42	0.00348
21.21	134.35	0.00392	28.28	127.28	0.00447
35.36	120.21	0.00515	42.43	113.14	0.00601
49.50	106.07	0.00710	56.57	98.99	0.00848
60.10	95.46	0.00929	63.64	91.92	0.01019
65.76	89.80	0.01078	67.18	88.39	0.01118
68.59	86.97	0.01159	70.00	85.56	0.01203
71.42	84.15	0.01250	84.15	71.42	0.00812
85.56	70.00	0.00758	86.97	68.59	0.00713
88.39	67.18	0.00673	89.80	65.76	0.00638
91.92	63.64	0.00590	95.46	60.10	0.00521
98.99	56.57	0.00462	106.07	49.50	0.00369
113.14	42.43	0.00298	120.21	35.36	0.00243
127.28	28.28	0.00201	134.35	21.21	0.00168
141.42	14.14	0.00141	148.49	7.07	0.00120
14.14	155.56	0.00308	21.21	148.49	0.00344
28.28	141.42	0.00387	35.36	134.35	0.00441
42.43	127.28	0.00507	49.50	120.21	0.00590
56.57	113.14	0.00697	63.64	106.07	0.00833
67.18	102.53	0.00914	70.71	98.99	0.01005

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

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
72.83	96.87	0.01063	74.25	95.46	0.01103	
75.66	94.05	0.01144	77.07	92.63	0.01188	
78.49	91.22	0.01235	91.22	78.49	0.00798	
92.63	77.07	0.00744	94.05	75.66	0.00698	
95.46	74.25	0.00659	96.87	72.83	0.00623	
98.99	70.71	0.00575	102.53	67.18	0.00507	
106.07	63.64	0.00448	113.14	56.57	0.00355	
120.21	49.50	0.00285	127.28	42.43	0.00232	
134.35	35.36	0.00191	141.42	28.28	0.00159	
148.49	21.21	0.00134	155.56	14.14	0.00114	
21.21	162.63	0.00304	28.28	155.56	0.00340	
35.36	148.49	0.00382	42.43	141.42	0.00434	
49.50	134.35	0.00498	56.57	127.28	0.00579	
63.64	120.21	0.00683	70.71	113.14	0.00816	
74.25	109.60	0.00898	77.78	106.07	0.00987	
79.90	103.94	0.01044	81.32	102.53	0.01084	
82.73	101.12	0.01126	84.15	99.70	0.01172	
85.56	98.29	0.01221	98.29	85.56	0.00781	
99.70	84.15	0.00727	101.12	82.73	0.00681	
102.53	81.32	0.00642	103.94	79.90	0.00606	
106.07	77.78	0.00559	109.60	74.25	0.00490	
113.14	70.71	0.00432	120.21	63.64	0.00340	
127.28	56.57	0.00272	134.35	49.50	0.00220	
141.42	42.43	0.00180	148.49	35.36	0.00150	
155.56	28.28	0.00126	162.63	21.21	0.00107	
28.28	169.71	0.00301	35.36	162.63	0.00335	
42.43	155.56	0.00377	49.50	148.49	0.00427	
56.57	141.42	0.00489	63.64	134.35	0.00568	
70.71	127.28	0.00668	77.78	120.21	0.00798	
81.32	116.67	0.00878	84.85	113.14	0.00966	
86.97	111.02	0.01023	88.39	109.60	0.01063	
89.80	108.19	0.01105	91.22	106.77	0.01150	
92.63	105.36	0.01199	105.36	92.63	0.00761	
106.77	91.22	0.00707	108.19	89.80	0.00661	
109.60	88.39	0.00622	111.02	86.97	0.00586	
113.14	84.85	0.00539	116.67	81.32	0.00471	

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00413	127.28	70.71	0.00323
134.35	63.64	0.00256	141.42	56.57	0.00206
148.49	49.50	0.00169	155.56	42.43	0.00140
162.63	35.36	0.00118	169.71	28.28	0.00100

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00297	42.43	169.71	0.00331
49.50	162.63	0.00371	56.57	155.56	0.00420
63.64	148.49	0.00480	70.71	141.42	0.00555
77.78	134.35	0.00652	84.85	127.28	0.00777
88.39	123.74	0.00855	91.92	120.21	0.00941
94.05	118.09	0.00998	95.46	116.67	0.01038
96.87	115.26	0.01079	98.29	113.84	0.01124
99.70	112.43	0.01173	112.43	99.70	0.00735
113.84	98.29	0.00682	115.26	96.87	0.00637
116.67	95.46	0.00598	118.09	94.05	0.00563
120.21	91.92	0.00516	123.74	88.39	0.00448
127.28	84.85	0.00391	134.35	77.78	0.00303
141.42	70.71	0.00239	148.49	63.64	0.00192
155.56	56.57	0.00156	162.63	49.50	0.00130
169.71	42.43	0.00110	176.78	35.36	0.00094
42.43	183.85	0.00293	49.50	176.78	0.00326
56.57	169.71	0.00365	63.64	162.63	0.00412
70.71	155.56	0.00470	77.78	148.49	0.00543
84.85	141.42	0.00635	91.92	134.35	0.00754
95.46	130.81	0.00828	98.99	127.28	0.00912
101.12	125.16	0.00968	102.53	123.74	0.01008
103.94	122.33	0.01049	105.36	120.92	0.01092
106.77	119.50	0.01141	119.50	106.77	0.00706
120.92	105.36	0.00653	122.33	103.94	0.00608
123.74	102.53	0.00570	125.16	101.12	0.00534
127.28	98.99	0.00487	130.81	95.46	0.00421
134.35	91.92	0.00366	141.42	84.85	0.00281
148.49	77.78	0.00220	155.56	70.71	0.00176
162.63	63.64	0.00144	169.71	56.57	0.00120
176.78	49.50	0.00101	183.85	42.43	0.00087

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00290	56.57	183.85	0.00321
63.64	176.78	0.00359	70.71	169.71	0.00405
77.78	162.63	0.00461	84.85	155.56	0.00530
91.92	148.49	0.00617	98.99	141.42	0.00729
102.53	137.89	0.00799	106.07	134.35	0.00879
108.19	132.23	0.00933	109.60	130.81	0.00971
111.02	129.40	0.01012	112.43	127.99	0.01055
113.84	126.57	0.01103	126.57	113.84	0.00671
127.99	112.43	0.00618	129.40	111.02	0.00574
130.81	109.60	0.00535	132.23	108.19	0.00500

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00454	137.89	102.53	0.00389
141.42	98.99	0.00336	148.49	91.92	0.00256
155.56	84.85	0.00200	162.63	77.78	0.00160
169.71	70.71	0.00131	176.78	63.64	0.00110
183.85	56.57	0.00094	190.92	49.50	0.00081
56.57	197.99	0.00286	63.64	190.92	0.00317
70.71	183.85	0.00353	77.78	176.78	0.00397
84.85	169.71	0.00451	91.92	162.63	0.00517
98.99	155.56	0.00600	106.07	148.49	0.00704
109.60	144.96	0.00767	113.14	141.42	0.00841
115.26	139.30	0.00891	116.67	137.89	0.00928
118.09	136.47	0.00968	119.50	135.06	0.01010
120.92	133.64	0.01057	133.64	120.92	0.00628
135.06	119.50	0.00575	136.47	118.09	0.00531
137.89	116.67	0.00493	139.30	115.26	0.00459
141.42	113.14	0.00414	144.96	109.60	0.00352
148.49	106.07	0.00302	155.56	98.99	0.00229
162.63	91.92	0.00179	169.71	84.85	0.00144
176.78	77.78	0.00119	183.85	70.71	0.00101
190.92	63.64	0.00087	197.99	56.57	0.00076
63.64	205.06	0.00282	70.71	197.99	0.00312
77.78	190.92	0.00347	84.85	183.85	0.00390
91.92	176.78	0.00441	98.99	169.71	0.00504
106.07	162.63	0.00582	113.14	155.56	0.00679

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00736	120.21	148.49	0.00802
122.33	146.37	0.00847	123.74	144.96	0.00880
125.16	143.54	0.00917	126.57	142.13	0.00957
127.99	140.71	0.01002	140.71	127.99	0.00575
142.13	126.57	0.00523	143.54	125.16	0.00479
144.96	123.74	0.00442	146.37	122.33	0.00409
148.49	120.21	0.00367	152.03	116.67	0.00309
155.56	113.14	0.00264	162.63	106.07	0.00200
169.71	98.99	0.00159	176.78	91.92	0.00130
183.85	84.85	0.00109	190.92	77.78	0.00093
197.99	70.71	0.00081	205.06	63.64	0.00071
70.71	212.13	0.00278	77.78	205.06	0.00307
84.85	197.99	0.00341	91.92	190.92	0.00383
98.99	183.85	0.00432	106.07	176.78	0.00493
113.14	169.71	0.00566	120.21	162.63	0.00656
123.74	159.10	0.00707	127.28	155.56	0.00765

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00803	130.81	152.03	0.00831
132.23	150.61	0.00861	133.64	149.20	0.00896
135.06	147.79	0.00937	147.79	135.06	0.00510
149.20	133.64	0.00458	150.61	132.23	0.00417
152.03	130.81	0.00382	153.44	129.40	0.00352
155.56	127.28	0.00313	159.10	123.74	0.00263
162.63	120.21	0.00226	169.71	113.14	0.00174
176.78	106.07	0.00141	183.85	98.99	0.00118
190.92	91.92	0.00100	197.99	84.85	0.00087
205.06	77.78	0.00076	212.13	70.71	0.00067
77.78	219.20	0.00273	84.85	212.13	0.00302
91.92	205.06	0.00335	98.99	197.99	0.00375
106.07	190.92	0.00423	113.14	183.85	0.00481
120.21	176.78	0.00551	127.28	169.71	0.00634
130.81	166.17	0.00682	134.35	162.63	0.00733
136.47	160.51	0.00765	137.89	159.10	0.00786
139.30	157.68	0.00810	140.71	156.27	0.00835
142.13	154.86	0.00867	154.86	142.13	0.00429

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00381	157.68	139.30	0.00344
159.10	137.89	0.00313	160.51	136.47	0.00288
162.63	134.35	0.00258	166.17	130.81	0.00220
169.71	127.28	0.00193	176.78	120.21	0.00154
183.85	113.14	0.00128	190.92	106.07	0.00108
197.99	98.99	0.00093	205.06	91.92	0.00081
212.13	84.85	0.00072	219.20	77.78	0.00064
84.85	226.27	0.00269	91.92	219.20	0.00296
98.99	212.13	0.00328	106.07	205.06	0.00366
113.14	197.99	0.00412	120.21	190.92	0.00468
127.28	183.85	0.00535	134.35	176.78	0.00614
137.89	173.24	0.00660	141.42	169.71	0.00706
143.54	167.58	0.00733	144.96	166.17	0.00751
146.37	164.76	0.00769	147.79	163.34	0.00787
149.20	161.93	0.00806	161.93	149.20	0.00335
163.34	147.79	0.00302	164.76	146.37	0.00277
166.17	144.96	0.00258	167.58	143.54	0.00241
169.71	141.42	0.00220	173.24	137.89	0.00193
176.78	134.35	0.00172	183.85	127.28	0.00140
190.92	120.21	0.00118	197.99	113.14	0.00100
205.06	106.07	0.00087	212.13	98.99	0.00076
219.20	91.92	0.00067	226.27	84.85	0.00060

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

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00264	98.99	226.27	0.00290
106.07	219.20	0.00321	113.14	212.13	0.00358
120.21	205.06	0.00401	127.28	197.99	0.00454
134.35	190.92	0.00517	141.42	183.85	0.00592
144.96	180.31	0.00632	148.49	176.78	0.00671
150.61	174.66	0.00693	152.03	173.24	0.00705
153.44	171.83	0.00714	154.86	170.41	0.00718
156.27	169.00	0.00710	169.00	156.27	0.00290
170.41	154.86	0.00267	171.83	153.44	0.00247
173.24	152.03	0.00231	174.66	150.61	0.00217
176.78	148.49	0.00199	180.31	144.96	0.00175
183.85	141.42	0.00156	190.92	134.35	0.00128

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00108	205.06	120.21	0.00093
212.13	113.14	0.00081	219.20	106.07	0.00071
226.27	98.99	0.00063	233.35	91.92	0.00057
98.99	240.42	0.00259	106.07	233.35	0.00284
113.14	226.27	0.00313	120.21	219.20	0.00347
127.28	212.13	0.00387	134.35	205.06	0.00434
141.42	197.99	0.00487	148.49	190.92	0.00537
152.03	187.38	0.00554	155.56	183.85	0.00554
157.68	181.73	0.00544	159.10	180.31	0.00532
160.51	178.90	0.00516	161.93	177.48	0.00497
163.34	176.07	0.00475	176.07	163.34	0.00253
177.48	161.93	0.00237	178.90	160.51	0.00222
180.31	159.10	0.00209	181.73	157.68	0.00198
183.85	155.56	0.00183	187.38	152.03	0.00162
190.92	148.49	0.00144	197.99	141.42	0.00119
205.06	134.35	0.00101	212.13	127.28	0.00087
219.20	120.21	0.00076	226.27	113.14	0.00067
233.35	106.07	0.00060	240.42	98.99	0.00054
106.07	247.49	0.00252	113.14	240.42	0.00275
120.21	233.35	0.00302	127.28	226.27	0.00332
134.35	219.20	0.00365	141.42	212.13	0.00399
148.49	205.06	0.00428	155.56	197.99	0.00437
159.10	194.45	0.00428	162.63	190.92	0.00410
164.76	188.80	0.00395	166.17	187.38	0.00384
167.58	185.97	0.00371	169.00	184.55	0.00358
170.41	183.14	0.00345	183.14	170.41	0.00218
184.55	169.00	0.00206	185.97	167.58	0.00195
187.38	166.17	0.00185	188.80	164.76	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 CONC URBAN FLAT FLGPOL DFAULT
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00165	194.45	159.10	0.00148
197.99	155.56	0.00134	205.06	148.49	0.00111
212.13	141.42	0.00094	219.20	134.35	0.00082
226.27	127.28	0.00071	233.35	120.21	0.00063
240.42	113.14	0.00057	247.49	106.07	0.00051

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00843 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	118.09, 136.47, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	105.36, 120.92, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00843 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	54.45, 72.83, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00843 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (-9.19, 9.19, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (-21.92, -6.36, 0.00, 1.20)	DC	NA

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*** NCRA Cumulative DPM Impacts

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00843 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	-72.83, -54.45, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	-85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00843 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA

15NCRA NAPA01-300_DPM_TRAV_ANN_NE-SW Bound									
	9TH HIGHEST VALUE IS	0.00743	AT (	-136.47,	-118.09,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00741	AT (	-149.20,	-133.64,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01331	AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01331	AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01329	AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01327	AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01326	AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01325	AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01324	AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01323	AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01321	AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01321	AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

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

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

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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
