

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:32:59

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

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

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

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

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	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	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	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	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	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	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1994

ME UAIRDATA 4901 1994

ME STARTEND 1994 01 01 1 1994 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\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

18:33:00

**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\16NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\16NCRA-1.LST

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

18:33:00
 **MODELOPTs:
 PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
- NCRA_S2 NCRA_S2 ,
- NCRA_S3 NCRA_S3 ,
- NCRA_S4 NCRA_S4 ,
- NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

18:33:00

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

04/20/08

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

18:33:00
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

04/20/08

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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

18:33:00

**MODELOPTs:

PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

04/20/08

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

18:33:00

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00006	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00005
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00006	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00006	-134.35	205.06	0.00005
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005
-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00005
-177.48	161.93	0.00005	-178.90	160.51	0.00005
-180.31	159.10	0.00005	-181.73	157.68	0.00005
-183.85	155.56	0.00005	-187.38	152.03	0.00005
-190.92	148.49	0.00005	-197.99	141.42	0.00005
-205.06	134.35	0.00005	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00006	-99.00	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00006
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00005	-141.42	183.85	0.00005
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

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

18:33:00

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00005	-205.06	120.21	0.00005
-212.13	113.14	0.00005	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00007	-91.92	219.20	0.00007
-99.00	212.13	0.00006	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00006
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00005	-212.13	98.99	0.00005
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00007	-84.85	212.13	0.00007
-91.92	205.06	0.00007	-99.00	197.99	0.00007
-106.07	190.92	0.00006	-113.14	183.85	0.00006
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00005	-219.20	77.78	0.00004
-70.71	212.13	0.00007	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00007
-98.99	183.85	0.00007	-106.07	176.78	0.00007
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

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

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

18:33:00
 **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
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00006	-169.71	113.14	0.00006
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00008	-70.71	197.99	0.00008
-77.78	190.92	0.00008	-84.85	183.85	0.00007
-91.92	176.78	0.00007	-98.99	169.71	0.00007
-106.07	162.63	0.00007	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00006	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00006
-169.71	98.99	0.00006	-176.78	91.92	0.00006
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00008	-63.64	190.92	0.00008
-70.71	183.85	0.00008	-77.78	176.78	0.00008
-84.85	169.71	0.00008	-91.92	162.63	0.00007
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00006	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00006
-148.49	106.07	0.00006	-155.56	98.99	0.00006
-162.63	91.92	0.00006	-169.71	84.85	0.00006
-176.78	77.78	0.00006	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:33:00
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00009
-63.64	176.78	0.00008	-70.71	169.71	0.00008
-77.78	162.63	0.00008	-84.85	155.56	0.00008
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00007
-134.35	106.07	0.00007	-137.89	102.53	0.00007
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00006	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00006
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00009	-49.50	176.78	0.00009
-56.57	169.71	0.00009	-63.64	162.63	0.00009
-70.71	155.56	0.00008	-77.78	148.49	0.00008
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00007
-127.28	98.99	0.00007	-130.81	95.46	0.00007
-134.35	91.92	0.00007	-141.42	84.85	0.00007
-148.49	77.78	0.00007	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00010	-42.43	169.71	0.00010
-49.50	162.63	0.00010	-56.57	155.56	0.00009
-63.64	148.49	0.00009	-70.71	141.42	0.00009
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

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

*** NCRA Cumulative DPM Impacts

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

18:33:00
**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00007
-127.28	84.85	0.00007	-134.35	77.78	0.00007
-141.42	70.71	0.00007	-148.49	63.64	0.00007
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00011	-35.36	162.63	0.00010
-42.43	155.56	0.00010	-49.50	148.49	0.00010
-56.57	141.42	0.00010	-63.64	134.35	0.00009
-70.71	127.28	0.00009	-77.78	120.21	0.00009
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00008
-106.77	91.22	0.00008	-108.19	89.80	0.00008
-109.60	88.39	0.00008	-111.02	86.97	0.00008
-113.14	84.85	0.00008	-116.67	81.32	0.00008
-120.21	77.78	0.00008	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00007	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00011	-42.43	141.42	0.00011
-49.50	134.35	0.00010	-56.57	127.28	0.00010
-63.64	120.21	0.00010	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00008
-99.70	84.15	0.00008	-101.12	82.73	0.00008
-102.53	81.32	0.00008	-103.94	79.90	0.00008
-106.07	77.78	0.00008	-109.60	74.25	0.00008
-113.14	70.71	0.00008	-120.21	63.64	0.00008
-127.28	56.57	0.00008	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00006
-14.14	155.56	0.00012	-21.21	148.49	0.00012
-28.28	141.42	0.00012	-35.36	134.35	0.00011

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00011	-49.50	120.21	0.00011
-56.57	113.14	0.00010	-63.64	106.07	0.00010
-67.18	102.53	0.00010	-70.71	98.99	0.00009

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

18:33:00
 **MODELOPTs:
 PAGE 28

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00010	-62.93	78.49	0.00010
-64.35	77.07	0.00010	-77.07	64.35	0.00010
-78.49	62.93	0.00010	-79.90	61.52	0.00010
-81.32	60.10	0.00010	-82.73	58.69	0.00010
-84.85	56.57	0.00010	-88.39	53.03	0.00010
-91.92	49.50	0.00010	-98.99	42.43	0.00009
-106.07	35.36	0.00009	-113.14	28.28	0.00009
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	0.00007

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

18:33:00
 **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
7.07	134.35	0.00016	0.00	127.28	0.00015
-7.07	120.21	0.00015	-14.14	113.14	0.00014
-21.21	106.07	0.00014	-28.28	98.99	0.00013
-35.36	91.92	0.00013	-42.43	84.85	0.00012
-45.96	81.32	0.00012	-49.50	77.78	0.00012
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00011	-55.86	71.42	0.00011
-57.28	70.00	0.00011	-70.00	57.28	0.00011
-71.42	55.86	0.00011	-72.83	54.45	0.00011
-74.25	53.03	0.00011	-75.66	51.62	0.00011
-77.78	49.50	0.00011	-81.32	45.96	0.00010
-84.85	42.43	0.00010	-91.92	35.36	0.00010
-98.99	28.28	0.00010	-106.07	21.21	0.00009
-113.14	14.14	0.00009	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00017	7.07	120.21	0.00017
0.00	113.14	0.00016	-7.07	106.07	0.00015
-14.14	98.99	0.00015	-21.21	91.92	0.00014
-28.28	84.85	0.00014	-35.36	77.78	0.00013
-38.89	74.25	0.00013	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00012
-50.20	62.93	0.00012	-62.93	50.20	0.00011
-64.35	48.79	0.00011	-65.76	47.38	0.00011
-67.18	45.96	0.00011	-68.59	44.55	0.00011

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00011	-74.25	38.89	0.00011
-77.78	35.36	0.00011	-84.85	28.28	0.00011
-91.92	21.21	0.00010	-98.99	14.14	0.00010
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00008
21.21	120.21	0.00019	14.14	113.14	0.00018
7.07	106.07	0.00017	0.00	98.99	0.00017
-7.07	91.92	0.00016	-14.14	84.85	0.00015
-21.21	77.78	0.00015	-28.28	70.71	0.00014
-31.82	67.18	0.00014	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00013	-41.72	57.28	0.00013
-43.13	55.86	0.00013	-55.86	43.13	0.00012
-57.28	41.72	0.00012	-58.69	40.31	0.00012
-60.10	38.89	0.00012	-61.52	37.48	0.00012

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

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

18:33:00

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00009
35.36	106.07	0.00023	28.28	98.99	0.00022
21.21	91.92	0.00021	14.14	84.85	0.00020
7.07	77.78	0.00019	0.00	70.71	0.00018
-7.07	63.64	0.00018	-14.14	56.57	0.00017
-17.68	53.03	0.00016	-21.21	49.50	0.00016
-23.33	47.38	0.00016	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00015
-28.99	41.72	0.00015	-41.72	28.99	0.00014
-43.13	27.58	0.00014	-44.55	26.16	0.00014
-45.96	24.75	0.00014	-47.38	23.33	0.00014
-49.50	21.21	0.00014	-53.03	17.68	0.00014
-56.57	14.14	0.00014	-63.64	7.07	0.00013
-70.71	0.00	0.00012	-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	0.00010
42.43	98.99	0.00026	35.36	91.92	0.00025
28.28	84.85	0.00023	21.21	77.78	0.00022
14.14	70.71	0.00021	7.07	63.64	0.00020
0.00	56.57	0.00019	-7.07	49.50	0.00018
-10.61	45.96	0.00018	-14.14	42.43	0.00017

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

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

18:33:00

**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
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00016
-21.92	34.65	0.00016	-34.65	21.92	0.00016
-36.06	20.51	0.00016	-37.48	19.09	0.00015
-38.89	17.68	0.00015	-40.31	16.26	0.00015
-42.43	14.14	0.00015	-45.96	10.61	0.00015
-49.50	7.07	0.00015	-56.57	0.00	0.00014
-63.64	-7.07	0.00013	-70.71	-14.14	0.00013
-77.78	-21.21	0.00012	-84.85	-28.28	0.00011
-91.92	-35.36	0.00011	-98.99	-42.43	0.00011
49.50	91.92	0.00030	42.43	84.85	0.00028
35.36	77.78	0.00026	28.28	70.71	0.00025
21.21	63.64	0.00024	14.14	56.57	0.00022

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00021	0.00	42.43	0.00020
-3.54	38.89	0.00019	-7.07	35.36	0.00019
-9.19	33.23	0.00019	-10.61	31.82	0.00018
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-27.58	14.85	0.00017
-28.99	13.44	0.00017	-30.41	12.02	0.00017
-31.82	10.61	0.00017	-33.23	9.19	0.00017
-35.36	7.07	0.00016	-38.89	3.54	0.00016
-42.43	0.00	0.00016	-49.50	-7.07	0.00015
-56.57	-14.14	0.00014	-63.64	-21.21	0.00013
-70.71	-28.28	0.00013	-77.78	-35.36	0.00012
-84.85	-42.43	0.00012	-91.92	-49.50	0.00012
56.57	84.85	0.00034	49.50	77.78	0.00032
42.43	70.71	0.00030	35.36	63.64	0.00028
28.28	56.57	0.00026	21.21	49.50	0.00025
14.14	42.43	0.00024	7.07	35.36	0.00022
3.54	31.82	0.00022	0.00	28.28	0.00021
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00020	-6.36	21.92	0.00020
-7.78	20.51	0.00020	-20.51	7.78	0.00019
-21.92	6.36	0.00018	-23.33	4.95	0.00018
-24.75	3.54	0.00018	-26.16	2.12	0.00018
-28.28	0.00	0.00018	-31.82	-3.54	0.00018
-35.36	-7.07	0.00017	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00014
-63.64	-35.36	0.00014	-70.71	-42.43	0.00013
-77.78	-49.50	0.00013	-84.85	-56.57	0.00013

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

18:33:00
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00039	56.57	70.71	0.00036
49.50	63.64	0.00034	42.43	56.57	0.00032
35.36	49.50	0.00030	28.28	42.43	0.00028
21.21	35.36	0.00026	14.14	28.28	0.00025
10.61	24.75	0.00024	7.07	21.21	0.00023
4.95	19.09	0.00023	3.54	17.68	0.00022
2.12	16.26	0.00022	0.71	14.85	0.00022

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00022	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00020
-21.21	-7.07	0.00020	-24.75	-10.61	0.00019
-28.28	-14.14	0.00019	-35.36	-21.21	0.00018
-42.43	-28.28	0.00017	-49.50	-35.36	0.00016
-56.57	-42.43	0.00015	-63.64	-49.50	0.00014
-70.71	-56.57	0.00014	-77.78	-63.64	0.00014
70.71	70.71	0.00044	63.64	63.64	0.00042
56.57	56.57	0.00039	49.50	49.50	0.00036
42.43	42.43	0.00034	35.36	35.36	0.00032
28.28	28.28	0.00030	21.21	21.21	0.00028
17.68	17.68	0.00027	14.14	14.14	0.00026
12.02	12.02	0.00025	10.61	10.61	0.00025
9.19	9.19	0.00025	7.78	7.78	0.00024
6.36	6.36	0.00024	-6.36	-6.36	0.00022
-7.78	-7.78	0.00022	-9.19	-9.19	0.00022
-10.61	-10.61	0.00022	-12.02	-12.02	0.00022
-14.14	-14.14	0.00022	-17.68	-17.68	0.00021
-21.21	-21.21	0.00020	-28.28	-28.28	0.00019
-35.36	-35.36	0.00018	-42.43	-42.43	0.00017
-49.50	-49.50	0.00016	-56.57	-56.57	0.00016
-63.64	-63.64	0.00016	-70.71	-70.71	0.00016
77.78	63.64	0.00051	70.71	56.57	0.00048
63.64	49.50	0.00045	56.57	42.43	0.00042
49.50	35.36	0.00039	42.43	28.28	0.00036
35.36	21.21	0.00034	28.28	14.14	0.00031
24.75	10.61	0.00030	21.21	7.07	0.00029
19.09	4.95	0.00028	17.68	3.54	0.00028
16.26	2.12	0.00027	14.85	0.71	0.00027
13.44	-0.71	0.00027	0.71	-13.44	0.00025
-0.71	-14.85	0.00025	-2.12	-16.26	0.00025
-3.54	-17.68	0.00024	-4.95	-19.09	0.00024

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

18:33:00
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00024	-10.61	-24.75	0.00023

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00022	-21.21	-35.36	0.00021
-28.28	-42.43	0.00020	-35.36	-49.50	0.00019
-42.43	-56.57	0.00018	-49.50	-63.64	0.00018
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00058	77.78	49.50	0.00056
70.71	42.43	0.00053	63.64	35.36	0.00049
56.57	28.28	0.00045	49.50	21.21	0.00041
42.43	14.14	0.00038	35.36	7.07	0.00036
31.82	3.54	0.00034	28.28	0.00	0.00033
26.16	-2.12	0.00032	24.75	-3.54	0.00031
23.33	-4.95	0.00031	21.92	-6.36	0.00031
20.51	-7.78	0.00030	7.78	-20.51	0.00028
6.36	-21.92	0.00028	4.95	-23.33	0.00027
3.54	-24.75	0.00027	2.12	-26.16	0.00027
0.00	-28.28	0.00026	-3.54	-31.82	0.00026
-7.07	-35.36	0.00025	-14.14	-42.43	0.00023
-21.21	-49.50	0.00022	-28.28	-56.57	0.00020
-35.36	-63.64	0.00020	-42.43	-70.71	0.00020
-49.50	-77.78	0.00020	-56.57	-84.85	0.00021
91.92	49.50	0.00066	84.85	42.43	0.00065
77.78	35.36	0.00062	70.71	28.28	0.00058
63.64	21.21	0.00053	56.57	14.14	0.00049
49.50	7.07	0.00045	42.43	0.00	0.00041
38.89	-3.54	0.00039	35.36	-7.07	0.00038
33.23	-9.19	0.00036	31.82	-10.61	0.00036
30.41	-12.02	0.00035	28.99	-13.44	0.00035
27.58	-14.85	0.00034	14.85	-27.58	0.00031
13.44	-28.99	0.00031	12.02	-30.41	0.00031
10.61	-31.82	0.00030	9.19	-33.23	0.00030
7.07	-35.36	0.00029	3.54	-38.89	0.00028
0.00	-42.43	0.00027	-7.07	-49.50	0.00025
-14.14	-56.57	0.00024	-21.21	-63.64	0.00023
-28.28	-70.71	0.00022	-35.36	-77.78	0.00023
-42.43	-84.85	0.00023	-49.50	-91.92	0.00024
98.99	42.43	0.00075	91.92	35.36	0.00075
84.85	28.28	0.00074	77.78	21.21	0.00070
70.71	14.14	0.00064	63.64	7.07	0.00058
56.57	0.00	0.00052	49.50	-7.07	0.00048
45.96	-10.61	0.00046	42.43	-14.14	0.00043

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**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
40.31	-16.26	0.00042	38.89	-17.68	0.00041
37.48	-19.09	0.00040	36.06	-20.51	0.00040
34.65	-21.92	0.00039	21.92	-34.65	0.00035
20.51	-36.06	0.00035	19.09	-37.48	0.00035
17.68	-38.89	0.00034	16.26	-40.31	0.00034
14.14	-42.43	0.00033	10.61	-45.96	0.00032
7.07	-49.50	0.00030	0.00	-56.57	0.00028
-7.07	-63.64	0.00026	-14.14	-70.71	0.00026
-21.21	-77.78	0.00026	-28.28	-84.85	0.00026
-35.36	-91.92	0.00027	-42.43	-98.99	0.00027
106.07	35.36	0.00085	98.99	28.28	0.00087
91.92	21.21	0.00087	84.85	14.14	0.00084
77.78	7.07	0.00078	70.71	0.00	0.00070
63.64	-7.07	0.00063	56.57	-14.14	0.00056
53.03	-17.68	0.00054	49.50	-21.21	0.00051
47.38	-23.33	0.00049	45.96	-24.75	0.00048
44.55	-26.16	0.00047	43.13	-27.58	0.00046
41.72	-28.99	0.00045	28.99	-41.72	0.00040
27.58	-43.13	0.00040	26.16	-44.55	0.00039
24.75	-45.96	0.00039	23.33	-47.38	0.00038
21.21	-49.50	0.00037	17.68	-53.03	0.00036
14.14	-56.57	0.00034	7.07	-63.64	0.00031
0.00	-70.71	0.00030	-7.07	-77.78	0.00030
-14.14	-84.85	0.00030	-21.21	-91.92	0.00031
-28.28	-98.99	0.00031	-35.36	-106.07	0.00032
113.14	28.28	0.00094	106.07	21.21	0.00099
98.99	14.14	0.00101	91.92	7.07	0.00101
84.85	0.00	0.00096	77.78	-7.07	0.00088
70.71	-14.14	0.00077	63.64	-21.21	0.00068
60.10	-24.75	0.00064	56.57	-28.28	0.00060
54.45	-30.41	0.00058	53.03	-31.82	0.00056
51.62	-33.23	0.00055	50.20	-34.65	0.00054
48.79	-36.06	0.00052	36.06	-48.79	0.00046
34.65	-50.20	0.00045	33.23	-51.62	0.00045
31.82	-53.03	0.00044	30.41	-54.45	0.00043
28.28	-56.57	0.00042	24.75	-60.10	0.00040
21.21	-63.64	0.00038	14.14	-70.71	0.00036
7.07	-77.78	0.00035	0.00	-84.85	0.00035
-7.07	-91.92	0.00036	-14.14	-98.99	0.00036

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00037 -28.28 -113.14 0.00037

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00103	113.14	14.14	0.00111
106.07	7.07	0.00117	98.99	0.00	0.00120
91.92	-7.07	0.00118	84.85	-14.14	0.00110
77.78	-21.21	0.00098	70.71	-28.28	0.00084
67.18	-31.82	0.00078	63.64	-35.36	0.00073
61.52	-37.48	0.00070	60.10	-38.89	0.00068
58.69	-40.31	0.00066	57.28	-41.72	0.00064
55.86	-43.13	0.00062	43.13	-55.86	0.00053
41.72	-57.28	0.00052	40.31	-58.69	0.00052
38.89	-60.10	0.00051	37.48	-61.52	0.00050
35.36	-63.64	0.00048	31.82	-67.18	0.00046
28.28	-70.71	0.00044	21.21	-77.78	0.00041
14.14	-84.85	0.00041	7.07	-91.92	0.00042
0.00	-98.99	0.00043	-7.07	-106.07	0.00043
-14.14	-113.14	0.00043	-21.21	-120.21	0.00043
127.28	14.14	0.00112	120.21	7.07	0.00123
113.14	0.00	0.00133	106.07	-7.07	0.00141
98.99	-14.14	0.00144	91.92	-21.21	0.00140
84.85	-28.28	0.00127	77.78	-35.36	0.00108
74.25	-38.89	0.00099	70.71	-42.43	0.00090
68.59	-44.55	0.00086	67.18	-45.96	0.00083
65.76	-47.38	0.00080	64.35	-48.79	0.00077
62.93	-50.20	0.00075	50.20	-62.93	0.00062
48.79	-64.35	0.00061	47.38	-65.76	0.00060
45.96	-67.18	0.00058	44.55	-68.59	0.00057
42.43	-70.71	0.00055	38.89	-74.25	0.00052
35.36	-77.78	0.00050	28.28	-84.85	0.00049
21.21	-91.92	0.00050	14.14	-98.99	0.00051
7.07	-106.07	0.00052	0.00	-113.14	0.00052
-7.07	-120.21	0.00051	-14.14	-127.28	0.00050
134.35	7.07	0.00119	127.28	0.00	0.00133
120.21	-7.07	0.00148	113.14	-14.14	0.00162
106.07	-21.21	0.00173	98.99	-28.28	0.00176

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00168	84.85	-42.43	0.00146
81.32	-45.96	0.00131	77.78	-49.50	0.00117
75.66	-51.62	0.00109	74.25	-53.03	0.00105
72.83	-54.45	0.00100	71.42	-55.86	0.00096
70.00	-57.28	0.00092	57.28	-70.00	0.00073
55.86	-71.42	0.00071	54.45	-72.83	0.00069
53.03	-74.25	0.00068	51.62	-75.66	0.00066

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

18:33:00

**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
49.50	-77.78	0.00064	45.96	-81.32	0.00061
42.43	-84.85	0.00060	35.36	-91.92	0.00060
28.28	-98.99	0.00062	21.21	-106.07	0.00063
14.14	-113.14	0.00063	7.07	-120.21	0.00062
0.00	-127.28	0.00060	-7.07	-134.35	0.00058
141.42	0.00	0.00124	134.35	-7.07	0.00142
127.28	-14.14	0.00161	120.21	-21.21	0.00181
113.14	-28.28	0.00200	106.07	-35.36	0.00215
98.99	-42.43	0.00220	91.92	-49.50	0.00203
88.39	-53.03	0.00184	84.85	-56.57	0.00162
82.73	-58.69	0.00148	81.32	-60.10	0.00139
79.90	-61.52	0.00131	78.49	-62.93	0.00123
77.07	-64.35	0.00117	64.35	-77.07	0.00086
62.93	-78.49	0.00083	61.52	-79.90	0.00081
60.10	-81.32	0.00079	58.69	-82.73	0.00077
56.57	-84.85	0.00075	53.03	-88.39	0.00074
49.50	-91.92	0.00074	42.43	-98.99	0.00076
35.36	-106.07	0.00078	28.28	-113.14	0.00078
21.21	-120.21	0.00077	14.14	-127.28	0.00075
7.07	-134.35	0.00071	0.00	-141.42	0.00068
148.49	-7.07	0.00128	141.42	-14.14	0.00149
134.35	-21.21	0.00172	127.28	-28.28	0.00198
120.21	-35.36	0.00226	113.14	-42.43	0.00253
106.07	-49.50	0.00275	98.99	-56.57	0.00280
95.46	-60.10	0.00268	91.92	-63.64	0.00241
89.80	-65.76	0.00219	88.39	-67.18	0.00203
86.97	-68.59	0.00186	85.56	-70.00	0.00171

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00157	71.42	-84.15	0.00101
70.00	-85.56	0.00099	68.59	-86.97	0.00096
67.18	-88.39	0.00094	65.76	-89.80	0.00093
63.64	-91.92	0.00093	60.10	-95.46	0.00094
56.57	-98.99	0.00096	49.50	-106.07	0.00099
42.43	-113.14	0.00099	35.36	-120.21	0.00098
28.28	-127.28	0.00095	21.21	-134.35	0.00090
14.14	-141.42	0.00085	7.07	-148.49	0.00079
155.56	-14.14	0.00130	148.49	-21.21	0.00152
141.42	-28.28	0.00179	134.35	-35.36	0.00211
127.28	-42.43	0.00247	120.21	-49.50	0.00286
113.14	-56.57	0.00326	106.07	-63.64	0.00360
102.53	-67.18	0.00369	98.99	-70.71	0.00362

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

18:33:00
 **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	0.00345	95.46	-74.25	0.00326
94.05	-75.66	0.00302	92.63	-77.07	0.00273
91.22	-78.49	0.00243	78.49	-91.22	0.00123
77.07	-92.63	0.00121	75.66	-94.05	0.00120
74.25	-95.46	0.00121	72.83	-96.87	0.00121
70.71	-98.99	0.00123	67.18	-102.53	0.00126
63.64	-106.07	0.00129	56.57	-113.14	0.00131
49.50	-120.21	0.00129	42.43	-127.28	0.00124
35.36	-134.35	0.00116	28.28	-141.42	0.00108
21.21	-148.49	0.00100	14.14	-155.56	0.00092
162.63	-21.21	0.00128	155.56	-28.28	0.00152
148.49	-35.36	0.00182	141.42	-42.43	0.00218
134.35	-49.50	0.00261	127.28	-56.57	0.00311
120.21	-63.64	0.00367	113.14	-70.71	0.00426
109.60	-74.25	0.00456	106.07	-77.78	0.00479
103.94	-79.90	0.00486	102.53	-81.32	0.00486
101.12	-82.73	0.00482	99.70	-84.15	0.00468
98.29	-85.56	0.00440	85.56	-98.29	0.00172
84.15	-99.70	0.00173	82.73	-101.12	0.00174
81.32	-102.53	0.00175	79.90	-103.94	0.00176
77.78	-106.07	0.00178	74.25	-109.60	0.00179

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00179	63.64	-120.21	0.00175
56.57	-127.28	0.00166	49.50	-134.35	0.00154
42.43	-141.42	0.00141	35.36	-148.49	0.00128
28.28	-155.56	0.00116	21.21	-162.63	0.00105
169.71	-28.28	0.00125	162.63	-35.36	0.00149
155.56	-42.43	0.00180	148.49	-49.50	0.00219
141.42	-56.57	0.00267	134.35	-63.64	0.00325
127.28	-70.71	0.00393	120.21	-77.78	0.00469
116.67	-81.32	0.00510	113.14	-84.85	0.00548
111.02	-86.97	0.00566	109.60	-88.39	0.00575
108.19	-89.80	0.00581	106.77	-91.22	0.00589
105.36	-92.63	0.00589	92.63	-105.36	0.00322
91.22	-106.77	0.00303	89.80	-108.19	0.00290
88.39	-109.60	0.00280	86.97	-111.02	0.00273
84.85	-113.14	0.00265	81.32	-116.67	0.00254
77.78	-120.21	0.00246	70.71	-127.28	0.00228
63.64	-134.35	0.00209	56.57	-141.42	0.00188
49.50	-148.49	0.00168	42.43	-155.56	0.00150
35.36	-162.63	0.00133	28.28	-169.71	0.00119

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

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

18:33:00
 **MODELOPTs:
 PAGE 38
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00119	169.71	-42.43	0.00143
162.63	-49.50	0.00173	155.56	-56.57	0.00213
148.49	-63.64	0.00263	141.42	-70.71	0.00326
134.35	-77.78	0.00402	127.28	-84.85	0.00487
123.74	-88.39	0.00531	120.21	-91.92	0.00574
118.09	-94.05	0.00594	116.67	-95.46	0.00603
115.26	-96.87	0.00608	113.84	-98.29	0.00612
112.43	-99.70	0.00613	99.70	-112.43	0.00405
98.29	-113.84	0.00392	96.87	-115.26	0.00382
95.46	-116.67	0.00372	94.05	-118.09	0.00364
91.92	-120.21	0.00352	88.39	-123.74	0.00335
84.85	-127.28	0.00318	77.78	-134.35	0.00285
70.71	-141.42	0.00253	63.64	-148.49	0.00223
56.57	-155.56	0.00195	49.50	-162.63	0.00171
42.43	-169.71	0.00150	35.36	-176.78	0.00133

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00111	176.78	-49.50	0.00133
169.71	-56.57	0.00162	162.63	-63.64	0.00200
155.56	-70.71	0.00250	148.49	-77.78	0.00315
141.42	-84.85	0.00395	134.35	-91.92	0.00487
130.81	-95.46	0.00533	127.28	-98.99	0.00577
125.16	-101.12	0.00599	123.74	-102.53	0.00609
122.33	-103.94	0.00614	120.92	-105.36	0.00616
119.50	-106.77	0.00618	106.77	-119.50	0.00435
105.36	-120.92	0.00426	103.94	-122.33	0.00420
102.53	-123.74	0.00415	101.12	-125.16	0.00410
98.99	-127.28	0.00402	95.46	-130.81	0.00388
91.92	-134.35	0.00372	84.85	-141.42	0.00335
77.78	-148.49	0.00294	70.71	-155.56	0.00255
63.64	-162.63	0.00220	56.57	-169.71	0.00191
49.50	-176.78	0.00166	42.43	-183.85	0.00145
190.92	-49.50	0.00102	183.85	-56.57	0.00122
176.78	-63.64	0.00148	169.71	-70.71	0.00182
162.63	-77.78	0.00229	155.56	-84.85	0.00292
148.49	-91.92	0.00374	141.42	-98.99	0.00472
137.89	-102.53	0.00522	134.35	-106.07	0.00567
132.23	-108.19	0.00591	130.81	-109.60	0.00602
129.40	-111.02	0.00610	127.99	-112.43	0.00613
126.57	-113.84	0.00615	113.84	-126.57	0.00447
112.43	-127.99	0.00441	111.02	-129.40	0.00437
109.60	-130.81	0.00434	108.19	-132.23	0.00431

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00427	102.53	-137.89	0.00418
98.99	-141.42	0.00404	91.92	-148.49	0.00367
84.85	-155.56	0.00324	77.78	-162.63	0.00280
70.71	-169.71	0.00241	63.64	-176.78	0.00208
56.57	-183.85	0.00180	49.50	-190.92	0.00156
197.99	-56.57	0.00092	190.92	-63.64	0.00110
183.85	-70.71	0.00132	176.78	-77.78	0.00162
169.71	-84.85	0.00202	162.63	-91.92	0.00258
155.56	-98.99	0.00337	148.49	-106.07	0.00439

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00495	141.42	-113.14	0.00547
139.30	-115.26	0.00572	137.89	-116.67	0.00586
136.47	-118.09	0.00596	135.06	-119.50	0.00601
133.64	-120.92	0.00604	120.92	-133.64	0.00452
119.50	-135.06	0.00446	118.09	-136.47	0.00443
116.67	-137.89	0.00441	115.26	-139.30	0.00440
113.14	-141.42	0.00438	109.60	-144.96	0.00432
106.07	-148.49	0.00420	98.99	-155.56	0.00383
91.92	-162.63	0.00339	84.85	-169.71	0.00295
77.78	-176.78	0.00255	70.71	-183.85	0.00220
63.64	-190.92	0.00190	56.57	-197.99	0.00165
205.06	-63.64	0.00082	197.99	-70.71	0.00097
190.92	-77.78	0.00116	183.85	-84.85	0.00140
176.78	-91.92	0.00173	169.71	-98.99	0.00219
162.63	-106.07	0.00286	155.56	-113.14	0.00383
152.03	-116.67	0.00443	148.49	-120.21	0.00505
146.37	-122.33	0.00538	144.96	-123.74	0.00555
143.54	-125.16	0.00569	142.13	-126.57	0.00578
140.71	-127.99	0.00582	127.99	-140.71	0.00449
126.57	-142.13	0.00444	125.16	-143.54	0.00442
123.74	-144.96	0.00441	122.33	-146.37	0.00441
120.21	-148.49	0.00439	116.67	-152.03	0.00433
113.14	-155.56	0.00422	106.07	-162.63	0.00386
98.99	-169.71	0.00343	91.92	-176.78	0.00300
84.85	-183.85	0.00260	77.78	-190.92	0.00225
70.71	-197.99	0.00195	63.64	-205.06	0.00169
212.13	-70.71	0.00072	205.06	-77.78	0.00083
197.99	-84.85	0.00098	190.92	-91.92	0.00118
183.85	-98.99	0.00144	176.78	-106.07	0.00178
169.71	-113.14	0.00228	162.63	-120.21	0.00305
159.10	-123.74	0.00360	155.56	-127.28	0.00427

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00468	152.03	-130.81	0.00494
150.61	-132.23	0.00515	149.20	-133.64	0.00532
147.79	-135.06	0.00544	135.06	-147.79	0.00440

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00435	132.23	-150.61	0.00434
130.81	-152.03	0.00433	129.40	-153.44	0.00432
127.28	-155.56	0.00430	123.74	-159.10	0.00422
120.21	-162.63	0.00410	113.14	-169.71	0.00376
106.07	-176.78	0.00335	98.99	-183.85	0.00294
91.92	-190.92	0.00256	84.85	-197.99	0.00223
77.78	-205.06	0.00194	70.71	-212.13	0.00169
219.20	-77.78	0.00061	212.13	-84.85	0.00071
205.06	-91.92	0.00082	197.99	-98.99	0.00097
190.92	-106.07	0.00115	183.85	-113.14	0.00140
176.78	-120.21	0.00173	169.71	-127.28	0.00222
166.17	-130.81	0.00257	162.63	-134.35	0.00304
160.51	-136.47	0.00341	159.10	-137.89	0.00369
157.68	-139.30	0.00399	156.27	-140.71	0.00430
154.86	-142.13	0.00458	142.13	-154.86	0.00423
140.71	-156.27	0.00417	139.30	-157.68	0.00414
137.89	-159.10	0.00411	136.47	-160.51	0.00409
134.35	-162.63	0.00404	130.81	-166.17	0.00395
127.28	-169.71	0.00384	120.21	-176.78	0.00352
113.14	-183.85	0.00315	106.07	-190.92	0.00278
98.99	-197.99	0.00244	91.92	-205.06	0.00214
84.85	-212.13	0.00188	77.78	-219.20	0.00165
226.27	-84.85	0.00052	219.20	-91.92	0.00059
212.13	-98.99	0.00068	205.06	-106.07	0.00078
197.99	-113.14	0.00090	190.92	-120.21	0.00105
183.85	-127.28	0.00125	176.78	-134.35	0.00150
173.24	-137.89	0.00166	169.71	-141.42	0.00184
167.58	-143.54	0.00198	166.17	-144.96	0.00208
164.76	-146.37	0.00221	163.34	-147.79	0.00237
161.93	-149.20	0.00260	149.20	-161.93	0.00375
147.79	-163.34	0.00367	146.37	-164.76	0.00362
144.96	-166.17	0.00358	143.54	-167.58	0.00356
141.42	-169.71	0.00352	137.89	-173.24	0.00346
134.35	-176.78	0.00337	127.28	-183.85	0.00314
120.21	-190.92	0.00285	113.14	-197.99	0.00254
106.07	-205.06	0.00226	98.99	-212.13	0.00200
91.92	-219.20	0.00177	84.85	-226.27	0.00157

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00044	226.27	-98.99	0.00049		
219.20	-106.07	0.00055	212.13	-113.14	0.00062		
205.06	-120.21	0.00070	197.99	-127.28	0.00079		
190.92	-134.35	0.00088	183.85	-141.42	0.00099		
180.31	-144.96	0.00104	176.78	-148.49	0.00109		
174.66	-150.61	0.00111	173.24	-152.03	0.00112		
171.83	-153.44	0.00114	170.41	-154.86	0.00115		
169.00	-156.27	0.00116	156.27	-169.00	0.00223		
154.86	-170.41	0.00236	153.44	-171.83	0.00245		
152.03	-173.24	0.00253	150.61	-174.66	0.00259		
148.49	-176.78	0.00266	144.96	-180.31	0.00271		
141.42	-183.85	0.00271	134.35	-190.92	0.00262		
127.28	-197.99	0.00245	120.21	-205.06	0.00224		
113.14	-212.13	0.00202	106.07	-219.20	0.00182		
98.99	-226.27	0.00163	91.92	-233.35	0.00147		
240.42	-98.99	0.00037	233.35	-106.07	0.00041		
226.27	-113.14	0.00045	219.20	-120.21	0.00049		
212.13	-127.28	0.00054	205.06	-134.35	0.00059		
197.99	-141.42	0.00064	190.92	-148.49	0.00069		
187.38	-152.03	0.00071	183.85	-155.56	0.00074		
181.73	-157.68	0.00075	180.31	-159.10	0.00077		
178.90	-160.51	0.00079	177.48	-161.93	0.00081		
176.07	-163.34	0.00084	163.34	-176.07	0.00135		
161.93	-177.48	0.00143	160.51	-178.90	0.00150		
159.10	-180.31	0.00158	157.68	-181.73	0.00166		
155.56	-183.85	0.00176	152.03	-187.38	0.00190		
148.49	-190.92	0.00198	141.42	-197.99	0.00205		
134.35	-205.06	0.00200	127.28	-212.13	0.00189		
120.21	-219.20	0.00175	113.14	-226.27	0.00161		
106.07	-233.35	0.00147	98.99	-240.42	0.00134		
247.49	-106.07	0.00031	240.42	-113.14	0.00034		
233.35	-120.21	0.00037	226.27	-127.28	0.00040		
219.20	-134.35	0.00043	212.13	-141.42	0.00046		
205.06	-148.49	0.00049	197.99	-155.56	0.00052		
194.45	-159.10	0.00054	190.92	-162.63	0.00057		
188.80	-164.76	0.00059	187.38	-166.17	0.00061		
185.97	-167.58	0.00063	184.55	-169.00	0.00065		
183.14	-170.41	0.00068	170.41	-183.14	0.00100		
169.00	-184.55	0.00103	167.58	-185.97	0.00107		
166.17	-187.38	0.00111	164.76	-188.80	0.00115		

04/20/08

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00122	159.10	-194.45	0.00132
155.56	-197.99	0.00141	148.49	-205.06	0.00153
141.42	-212.13	0.00156	134.35	-219.20	0.00154
127.28	-226.27	0.00147	120.21	-233.35	0.00138
113.14	-240.42	0.00129	106.07	-247.49	0.00120

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00009	-113.14	240.42	0.00009
-120.21	233.35	0.00009	-127.28	226.27	0.00009
-134.35	219.20	0.00008	-141.42	212.13	0.00008
-148.49	205.06	0.00008	-155.56	197.99	0.00008
-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	0.00007
-184.55	169.00	0.00007	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00007
-212.13	141.42	0.00007	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00010	-106.07	233.35	0.00010
-113.14	226.27	0.00010	-120.21	219.20	0.00009
-127.28	212.13	0.00009	-134.35	205.06	0.00009
-141.42	197.99	0.00008	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00007	-197.99	141.42	0.00007
-205.06	134.35	0.00007	-212.13	127.28	0.00007
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00011	-99.00	226.27	0.00010
-106.07	219.20	0.00010	-113.14	212.13	0.00010
-120.21	205.06	0.00010	-127.28	197.99	0.00009
-134.35	190.92	0.00009	-141.42	183.85	0.00009
-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	0.00008
-170.41	154.86	0.00008	-171.83	153.44	0.00008
-173.24	152.03	0.00008	-174.66	150.61	0.00008

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

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

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00008	-183.85	127.28	0.00008
-190.92	120.21	0.00008	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00012	-84.85	212.13	0.00012
-91.92	205.06	0.00012	-99.00	197.99	0.00011
-106.07	190.92	0.00011	-113.14	183.85	0.00011
-120.21	176.78	0.00010	-127.28	169.71	0.00010
-130.81	166.17	0.00010	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00009	-160.51	136.47	0.00009
-162.63	134.35	0.00009	-166.17	130.81	0.00009
-169.71	127.28	0.00009	-176.78	120.21	0.00008
-183.85	113.14	0.00008	-190.92	106.07	0.00008
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00013	-77.78	205.06	0.00013
-84.85	197.99	0.00013	-91.92	190.92	0.00012
-98.99	183.85	0.00012	-106.07	176.78	0.00011
-113.14	169.71	0.00011	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

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

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

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

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	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00009
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009
-155.56	127.28	0.00009	-159.10	123.74	0.00009
-162.63	120.21	0.00009	-169.71	113.14	0.00009
-176.78	106.07	0.00008	-183.85	98.99	0.00008

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00008	-197.99	84.85	0.00008
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00014	-70.71	197.99	0.00014
-77.78	190.92	0.00014	-84.85	183.85	0.00013
-91.92	176.78	0.00013	-98.99	169.71	0.00012
-106.07	162.63	0.00012	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00010	-126.57	142.13	0.00010
-127.99	140.71	0.00010	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00010	-146.37	122.33	0.00010
-148.49	120.21	0.00010	-152.03	116.67	0.00010
-155.56	113.14	0.00010	-162.63	106.07	0.00009
-169.71	98.99	0.00009	-176.78	91.92	0.00009
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00007
-56.57	197.99	0.00016	-63.64	190.92	0.00015
-70.71	183.85	0.00015	-77.78	176.78	0.00014
-84.85	169.71	0.00014	-91.92	162.63	0.00013
-98.99	155.56	0.00013	-106.07	148.49	0.00012
-109.60	144.96	0.00012	-113.14	141.42	0.00012
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00011	-119.50	135.06	0.00011
-120.92	133.64	0.00011	-133.64	120.92	0.00011
-135.06	119.50	0.00011	-136.47	118.09	0.00011
-137.89	116.67	0.00011	-139.30	115.26	0.00011
-141.42	113.14	0.00011	-144.96	109.60	0.00010
-148.49	106.07	0.00010	-155.56	98.99	0.00010
-162.63	91.92	0.00010	-169.71	84.85	0.00009
-176.78	77.78	0.00009	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00008

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

18:33:00
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00017	-56.57	183.85	0.00017
-63.64	176.78	0.00016	-70.71	169.71	0.00015

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

18:33:00
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00013	-123.74	88.39	0.00013
-127.28	84.85	0.00013	-134.35	77.78	0.00012
-141.42	70.71	0.00012	-148.49	63.64	0.00011
-155.56	56.57	0.00010	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00009
-28.28	169.71	0.00023	-35.36	162.63	0.00022
-42.43	155.56	0.00021	-49.50	148.49	0.00020
-56.57	141.42	0.00019	-63.64	134.35	0.00018
-70.71	127.28	0.00018	-77.78	120.21	0.00017
-81.32	116.67	0.00016	-84.85	113.14	0.00016
-86.97	111.02	0.00016	-88.39	109.60	0.00015
-89.80	108.19	0.00015	-91.22	106.77	0.00015
-92.63	105.36	0.00015	-105.36	92.63	0.00014
-106.77	91.22	0.00014	-108.19	89.80	0.00014
-109.60	88.39	0.00014	-111.02	86.97	0.00014
-113.14	84.85	0.00014	-116.67	81.32	0.00014
-120.21	77.78	0.00014	-127.28	70.71	0.00013
-134.35	63.64	0.00012	-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	0.00010
-21.21	162.63	0.00026	-28.28	155.56	0.00025
-35.36	148.49	0.00023	-42.43	141.42	0.00022
-49.50	134.35	0.00021	-56.57	127.28	0.00020
-63.64	120.21	0.00019	-70.71	113.14	0.00018
-74.25	109.60	0.00018	-77.78	106.07	0.00017
-79.90	103.94	0.00017	-81.32	102.53	0.00017
-82.73	101.12	0.00017	-84.15	99.70	0.00016
-85.56	98.29	0.00016	-98.29	85.56	0.00016
-99.70	84.15	0.00016	-101.12	82.73	0.00015
-102.53	81.32	0.00015	-103.94	79.90	0.00015
-106.07	77.78	0.00015	-109.60	74.25	0.00015
-113.14	70.71	0.00015	-120.21	63.64	0.00014
-127.28	56.57	0.00013	-134.35	49.50	0.00013
-141.42	42.43	0.00012	-148.49	35.36	0.00011
-155.56	28.28	0.00011	-162.63	21.21	0.00011
-14.14	155.56	0.00030	-21.21	148.49	0.00028
-28.28	141.42	0.00026	-35.36	134.35	0.00025
-42.43	127.28	0.00024	-49.50	120.21	0.00022
-56.57	113.14	0.00021	-63.64	106.07	0.00020
-67.18	102.53	0.00019	-70.71	98.99	0.00019

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

*** NCRA Cumulative DPM Impacts

18:33:00

**MODELOPTs:

PAGE 48

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00019	-74.25	95.46	0.00018
-75.66	94.05	0.00018	-77.07	92.63	0.00018
-78.49	91.22	0.00018	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00017
-95.46	74.25	0.00017	-96.87	72.83	0.00017
-98.99	70.71	0.00016	-102.53	67.18	0.00016
-106.07	63.64	0.00016	-113.14	56.57	0.00015
-120.21	49.50	0.00014	-127.28	42.43	0.00013
-134.35	35.36	0.00013	-141.42	28.28	0.00012
-148.49	21.21	0.00012	-155.56	14.14	0.00012
-7.07	148.49	0.00034	-14.14	141.42	0.00032
-21.21	134.35	0.00030	-28.28	127.28	0.00028
-35.36	120.21	0.00026	-42.43	113.14	0.00025
-49.50	106.07	0.00024	-56.57	98.99	0.00022
-60.10	95.46	0.00022	-63.64	91.92	0.00021
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00020	-70.00	85.56	0.00020
-71.42	84.15	0.00020	-84.15	71.42	0.00019
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00018	-89.80	65.76	0.00018
-91.92	63.64	0.00018	-95.46	60.10	0.00018
-98.99	56.57	0.00017	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00014
-127.28	28.28	0.00014	-134.35	21.21	0.00013
-141.42	14.14	0.00013	-148.49	7.07	0.00013
0.00	141.42	0.00039	-7.07	134.35	0.00036
-14.14	127.28	0.00034	-21.21	120.21	0.00032
-28.28	113.14	0.00030	-35.36	106.07	0.00028
-42.43	98.99	0.00026	-49.50	91.92	0.00025
-53.03	88.39	0.00024	-56.57	84.85	0.00023
-58.69	82.73	0.00023	-60.10	81.32	0.00022
-61.52	79.90	0.00022	-62.93	78.49	0.00022
-64.35	77.07	0.00022	-77.07	64.35	0.00020
-78.49	62.93	0.00020	-79.90	61.52	0.00020

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00020	-82.73	58.69	0.00020
-84.85	56.57	0.00020	-88.39	53.03	0.00019
-91.92	49.50	0.00019	-98.99	42.43	0.00018
-106.07	35.36	0.00017	-113.14	28.28	0.00016
-120.21	21.21	0.00015	-127.28	14.14	0.00014
-134.35	7.07	0.00014	-141.42	0.00	0.00014

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

18:33:00
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00044	0.00	127.28	0.00042
-7.07	120.21	0.00039	-14.14	113.14	0.00036
-21.21	106.07	0.00034	-28.28	98.99	0.00032
-35.36	91.92	0.00030	-42.43	84.85	0.00028
-45.96	81.32	0.00027	-49.50	77.78	0.00026
-51.62	75.66	0.00025	-53.03	74.25	0.00025
-54.45	72.83	0.00025	-55.86	71.42	0.00024
-57.28	70.00	0.00024	-70.00	57.28	0.00022
-71.42	55.86	0.00022	-72.83	54.45	0.00022
-74.25	53.03	0.00022	-75.66	51.62	0.00022
-77.78	49.50	0.00022	-81.32	45.96	0.00021
-84.85	42.43	0.00020	-91.92	35.36	0.00019
-98.99	28.28	0.00018	-106.07	21.21	0.00017
-113.14	14.14	0.00016	-120.21	7.07	0.00016
-127.28	0.00	0.00016	-134.35	-7.07	0.00016
14.14	127.28	0.00051	7.07	120.21	0.00048
0.00	113.14	0.00045	-7.07	106.07	0.00042
-14.14	98.99	0.00039	-21.21	91.92	0.00036
-28.28	84.85	0.00034	-35.36	77.78	0.00031
-38.89	74.25	0.00030	-42.43	70.71	0.00029
-44.55	68.59	0.00028	-45.96	67.18	0.00028
-47.38	65.76	0.00027	-48.79	64.35	0.00027
-50.20	62.93	0.00027	-62.93	50.20	0.00025
-64.35	48.79	0.00025	-65.76	47.38	0.00025
-67.18	45.96	0.00024	-68.59	44.55	0.00024
-70.71	42.43	0.00024	-74.25	38.89	0.00023
-77.78	35.36	0.00022	-84.85	28.28	0.00021
-91.92	21.21	0.00020	-98.99	14.14	0.00019

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00018	-113.14	0.00	0.00018
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00058	14.14	113.14	0.00056
7.07	106.07	0.00053	0.00	98.99	0.00049
-7.07	91.92	0.00045	-14.14	84.85	0.00041
-21.21	77.78	0.00038	-28.28	70.71	0.00036
-31.82	67.18	0.00034	-35.36	63.64	0.00033
-37.48	61.52	0.00032	-38.89	60.10	0.00031
-40.31	58.69	0.00031	-41.72	57.28	0.00031
-43.13	55.86	0.00030	-55.86	43.13	0.00028
-57.28	41.72	0.00028	-58.69	40.31	0.00027
-60.10	38.89	0.00027	-61.52	37.48	0.00027

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

18:33:00
 **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
-63.64	35.36	0.00026	-67.18	31.82	0.00026
-70.71	28.28	0.00025	-77.78	21.21	0.00023
-84.85	14.14	0.00022	-91.92	7.07	0.00020
-98.99	0.00	0.00020	-106.07	-7.07	0.00020
-113.14	-14.14	0.00020	-120.21	-21.21	0.00021
28.28	113.14	0.00066	21.21	106.07	0.00065
14.14	98.99	0.00062	7.07	91.92	0.00058
0.00	84.85	0.00053	-7.07	77.78	0.00049
-14.14	70.71	0.00045	-21.21	63.64	0.00041
-24.75	60.10	0.00039	-28.28	56.57	0.00038
-30.41	54.45	0.00036	-31.82	53.03	0.00036
-33.23	51.62	0.00035	-34.65	50.20	0.00035
-36.06	48.79	0.00034	-48.79	36.06	0.00031
-50.20	34.65	0.00031	-51.62	33.23	0.00031
-53.03	31.82	0.00030	-54.45	30.41	0.00030
-56.57	28.28	0.00029	-60.10	24.75	0.00028
-63.64	21.21	0.00027	-70.71	14.14	0.00025
-77.78	7.07	0.00024	-84.85	0.00	0.00023
-91.92	-7.07	0.00022	-98.99	-14.14	0.00023
-106.07	-21.21	0.00023	-113.14	-28.28	0.00024
35.36	106.07	0.00075	28.28	98.99	0.00075
21.21	91.92	0.00074	14.14	84.85	0.00070

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00064	0.00	70.71	0.00058
-7.07	63.64	0.00052	-14.14	56.57	0.00048
-17.68	53.03	0.00046	-21.21	49.50	0.00043
-23.33	47.38	0.00042	-24.75	45.96	0.00041
-26.16	44.55	0.00040	-27.58	43.13	0.00040
-28.99	41.72	0.00039	-41.72	28.99	0.00035
-43.13	27.58	0.00035	-44.55	26.16	0.00035
-45.96	24.75	0.00034	-47.38	23.33	0.00034
-49.50	21.21	0.00033	-53.03	17.68	0.00032
-56.57	14.14	0.00030	-63.64	7.07	0.00028
-70.71	0.00	0.00026	-77.78	-7.07	0.00026
-84.85	-14.14	0.00026	-91.92	-21.21	0.00026
-98.99	-28.28	0.00027	-106.07	-35.36	0.00027
42.43	98.99	0.00085	35.36	91.92	0.00087
28.28	84.85	0.00087	21.21	77.78	0.00084
14.14	70.71	0.00078	7.07	63.64	0.00070
0.00	56.57	0.00063	-7.07	49.50	0.00056
-10.61	45.96	0.00054	-14.14	42.43	0.00051

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

18:33:00
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00049	-17.68	38.89	0.00048
-19.09	37.48	0.00047	-20.51	36.06	0.00046
-21.92	34.65	0.00045	-34.65	21.92	0.00040
-36.06	20.51	0.00040	-37.48	19.09	0.00039
-38.89	17.68	0.00039	-40.31	16.26	0.00038
-42.43	14.14	0.00037	-45.96	10.61	0.00036
-49.50	7.07	0.00034	-56.57	0.00	0.00031
-63.64	-7.07	0.00030	-70.71	-14.14	0.00030
-77.78	-21.21	0.00030	-84.85	-28.28	0.00031
-91.92	-35.36	0.00031	-98.99	-42.43	0.00032
49.50	91.92	0.00094	42.43	84.85	0.00099
35.36	77.78	0.00101	28.28	70.71	0.00101
21.21	63.64	0.00096	14.14	56.57	0.00088
7.07	49.50	0.00077	0.00	42.43	0.00068
-3.54	38.89	0.00064	-7.07	35.36	0.00060
-9.19	33.23	0.00058	-10.61	31.82	0.00056

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00055	-13.44	28.99	0.00054
-14.85	27.58	0.00052	-27.58	14.85	0.00046
-28.99	13.44	0.00045	-30.41	12.02	0.00045
-31.82	10.61	0.00044	-33.23	9.19	0.00043
-35.36	7.07	0.00042	-38.89	3.54	0.00040
-42.43	0.00	0.00038	-49.50	-7.07	0.00036
-56.57	-14.14	0.00035	-63.64	-21.21	0.00035
-70.71	-28.28	0.00036	-77.78	-35.36	0.00036
-84.85	-42.43	0.00037	-91.92	-49.50	0.00037
56.57	84.85	0.00103	49.50	77.78	0.00111
42.43	70.71	0.00117	35.36	63.64	0.00120
28.28	56.57	0.00118	21.21	49.50	0.00110
14.14	42.43	0.00098	7.07	35.36	0.00084
3.54	31.82	0.00078	0.00	28.28	0.00073
-2.12	26.16	0.00070	-3.54	24.75	0.00068
-4.95	23.33	0.00066	-6.36	21.92	0.00064
-7.78	20.51	0.00062	-20.51	7.78	0.00053
-21.92	6.36	0.00052	-23.33	4.95	0.00052
-24.75	3.54	0.00051	-26.16	2.12	0.00050
-28.28	0.00	0.00048	-31.82	-3.54	0.00046
-35.36	-7.07	0.00044	-42.43	-14.14	0.00041
-49.50	-21.21	0.00041	-56.57	-28.28	0.00042
-63.64	-35.36	0.00043	-70.71	-42.43	0.00043
-77.78	-49.50	0.00043	-84.85	-56.57	0.00043

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

18:33:00
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00112	56.57	70.71	0.00123
49.50	63.64	0.00133	42.43	56.57	0.00141
35.36	49.50	0.00144	28.28	42.43	0.00140
21.21	35.36	0.00127	14.14	28.28	0.00108
10.61	24.75	0.00099	7.07	21.21	0.00090
4.95	19.09	0.00086	3.54	17.68	0.00083
2.12	16.26	0.00080	0.71	14.85	0.00077
-0.71	13.44	0.00075	-13.44	0.71	0.00062
-14.85	-0.71	0.00061	-16.26	-2.12	0.00060
-17.68	-3.54	0.00058	-19.09	-4.95	0.00057

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00055	-24.75	-10.61	0.00052
-28.28	-14.14	0.00050	-35.36	-21.21	0.00049
-42.43	-28.28	0.00050	-49.50	-35.36	0.00051
-56.57	-42.43	0.00052	-63.64	-49.50	0.00052
-70.71	-56.57	0.00051	-77.78	-63.64	0.00050
70.71	70.71	0.00119	63.64	63.64	0.00133
56.57	56.57	0.00148	49.50	49.50	0.00162
42.43	42.43	0.00173	35.36	35.36	0.00176
28.28	28.28	0.00168	21.21	21.21	0.00146
17.68	17.68	0.00131	14.14	14.14	0.00117
12.02	12.02	0.00109	10.61	10.61	0.00105
9.19	9.19	0.00100	7.78	7.78	0.00096
6.36	6.36	0.00092	-6.36	-6.36	0.00073
-7.78	-7.78	0.00071	-9.19	-9.19	0.00069
-10.61	-10.61	0.00068	-12.02	-12.02	0.00066
-14.14	-14.14	0.00064	-17.68	-17.68	0.00061
-21.21	-21.21	0.00060	-28.28	-28.28	0.00060
-35.36	-35.36	0.00062	-42.43	-42.43	0.00063
-49.50	-49.50	0.00063	-56.57	-56.57	0.00062
-63.64	-63.64	0.00060	-70.71	-70.71	0.00058
77.78	63.64	0.00124	70.71	56.57	0.00142
63.64	49.50	0.00161	56.57	42.43	0.00181
49.50	35.36	0.00200	42.43	28.28	0.00215
35.36	21.21	0.00220	28.28	14.14	0.00203
24.75	10.61	0.00184	21.21	7.07	0.00162
19.09	4.95	0.00148	17.68	3.54	0.00139
16.26	2.12	0.00131	14.85	0.71	0.00123
13.44	-0.71	0.00117	0.71	-13.44	0.00086
-0.71	-14.85	0.00083	-2.12	-16.26	0.00081
-3.54	-17.68	0.00079	-4.95	-19.09	0.00077

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00075	-10.61	-24.75	0.00074
-14.14	-28.28	0.00074	-21.21	-35.36	0.00076
-28.28	-42.43	0.00078	-35.36	-49.50	0.00078
-42.43	-56.57	0.00077	-49.50	-63.64	0.00075

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00071	-63.64	-77.78	0.00068
84.85	56.57	0.00128	77.78	49.50	0.00149
70.71	42.43	0.00172	63.64	35.36	0.00198
56.57	28.28	0.00226	49.50	21.21	0.00253
42.43	14.14	0.00275	35.36	7.07	0.00280
31.82	3.54	0.00268	28.28	0.00	0.00241
26.16	-2.12	0.00219	24.75	-3.54	0.00203
23.33	-4.95	0.00186	21.92	-6.36	0.00171
20.51	-7.78	0.00157	7.78	-20.51	0.00101
6.36	-21.92	0.00099	4.95	-23.33	0.00096
3.54	-24.75	0.00094	2.12	-26.16	0.00093
0.00	-28.28	0.00093	-3.54	-31.82	0.00094
-7.07	-35.36	0.00096	-14.14	-42.43	0.00099
-21.21	-49.50	0.00099	-28.28	-56.57	0.00098
-35.36	-63.64	0.00095	-42.43	-70.71	0.00090
-49.50	-77.78	0.00085	-56.57	-84.85	0.00079
91.92	49.50	0.00130	84.85	42.43	0.00152
77.78	35.36	0.00179	70.71	28.28	0.00211
63.64	21.21	0.00247	56.57	14.14	0.00286
49.50	7.07	0.00326	42.43	0.00	0.00360
38.89	-3.54	0.00369	35.36	-7.07	0.00362
33.23	-9.19	0.00345	31.82	-10.61	0.00326
30.41	-12.02	0.00302	28.99	-13.44	0.00273
27.58	-14.85	0.00243	14.85	-27.58	0.00123
13.44	-28.99	0.00121	12.02	-30.41	0.00120
10.61	-31.82	0.00121	9.19	-33.23	0.00121
7.07	-35.36	0.00123	3.54	-38.89	0.00126
0.00	-42.43	0.00129	-7.07	-49.50	0.00131
-14.14	-56.57	0.00129	-21.21	-63.64	0.00124
-28.28	-70.71	0.00116	-35.36	-77.78	0.00108
-42.43	-84.85	0.00100	-49.50	-91.92	0.00092
98.99	42.43	0.00128	91.92	35.36	0.00152
84.85	28.28	0.00182	77.78	21.21	0.00218
70.71	14.14	0.00261	63.64	7.07	0.00311
56.57	0.00	0.00367	49.50	-7.07	0.00426
45.96	-10.61	0.00456	42.43	-14.14	0.00479

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00486	38.89	-17.68	0.00486
37.48	-19.09	0.00482	36.06	-20.51	0.00468
34.65	-21.92	0.00440	21.92	-34.65	0.00172
20.51	-36.06	0.00173	19.09	-37.48	0.00174
17.68	-38.89	0.00175	16.26	-40.31	0.00176
14.14	-42.43	0.00178	10.61	-45.96	0.00179
7.07	-49.50	0.00179	0.00	-56.57	0.00175
-7.07	-63.64	0.00166	-14.14	-70.71	0.00154
-21.21	-77.78	0.00141	-28.28	-84.85	0.00128
-35.36	-91.92	0.00116	-42.43	-98.99	0.00105
106.07	35.36	0.00125	98.99	28.28	0.00149
91.92	21.21	0.00180	84.85	14.14	0.00219
77.78	7.07	0.00267	70.71	0.00	0.00325
63.64	-7.07	0.00393	56.57	-14.14	0.00469
53.03	-17.68	0.00510	49.50	-21.21	0.00548
47.38	-23.33	0.00566	45.96	-24.75	0.00575
44.55	-26.16	0.00581	43.13	-27.58	0.00589
41.72	-28.99	0.00589	28.99	-41.72	0.00322
27.58	-43.13	0.00303	26.16	-44.55	0.00290
24.75	-45.96	0.00280	23.33	-47.38	0.00273
21.21	-49.50	0.00265	17.68	-53.03	0.00254
14.14	-56.57	0.00246	7.07	-63.64	0.00228
0.00	-70.71	0.00209	-7.07	-77.78	0.00188
-14.14	-84.85	0.00168	-21.21	-91.92	0.00150
-28.28	-98.99	0.00133	-35.36	-106.07	0.00119
113.14	28.28	0.00119	106.07	21.21	0.00143
98.99	14.14	0.00173	91.92	7.07	0.00213
84.85	0.00	0.00263	77.78	-7.07	0.00326
70.71	-14.14	0.00402	63.64	-21.21	0.00487
60.10	-24.75	0.00531	56.57	-28.28	0.00574
54.45	-30.41	0.00594	53.03	-31.82	0.00603
51.62	-33.23	0.00608	50.20	-34.65	0.00612
48.79	-36.06	0.00613	36.06	-48.79	0.00405
34.65	-50.20	0.00392	33.23	-51.62	0.00382
31.82	-53.03	0.00372	30.41	-54.45	0.00364
28.28	-56.57	0.00352	24.75	-60.10	0.00335
21.21	-63.64	0.00318	14.14	-70.71	0.00285
7.07	-77.78	0.00253	0.00	-84.85	0.00223
-7.07	-91.92	0.00195	-14.14	-98.99	0.00171
-21.21	-106.07	0.00150	-28.28	-113.14	0.00133

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**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
120.21	21.21	0.00111	113.14	14.14	0.00133
106.07	7.07	0.00162	98.99	0.00	0.00200
91.92	-7.07	0.00250	84.85	-14.14	0.00315
77.78	-21.21	0.00395	70.71	-28.28	0.00487
67.18	-31.82	0.00533	63.64	-35.36	0.00577
61.52	-37.48	0.00599	60.10	-38.89	0.00609
58.69	-40.31	0.00614	57.28	-41.72	0.00616
55.86	-43.13	0.00618	43.13	-55.86	0.00435
41.72	-57.28	0.00426	40.31	-58.69	0.00420
38.89	-60.10	0.00415	37.48	-61.52	0.00410
35.36	-63.64	0.00402	31.82	-67.18	0.00388
28.28	-70.71	0.00372	21.21	-77.78	0.00335
14.14	-84.85	0.00294	7.07	-91.92	0.00255
0.00	-98.99	0.00220	-7.07	-106.07	0.00191
-14.14	-113.14	0.00166	-21.21	-120.21	0.00145
127.28	14.14	0.00102	120.21	7.07	0.00122
113.14	0.00	0.00148	106.07	-7.07	0.00182
98.99	-14.14	0.00229	91.92	-21.21	0.00292
84.85	-28.28	0.00374	77.78	-35.36	0.00472
74.25	-38.89	0.00522	70.71	-42.43	0.00567
68.59	-44.55	0.00591	67.18	-45.96	0.00602
65.76	-47.38	0.00610	64.35	-48.79	0.00613
62.93	-50.20	0.00615	50.20	-62.93	0.00447
48.79	-64.35	0.00441	47.38	-65.76	0.00437
45.96	-67.18	0.00434	44.55	-68.59	0.00431
42.43	-70.71	0.00427	38.89	-74.25	0.00418
35.36	-77.78	0.00404	28.28	-84.85	0.00367
21.21	-91.92	0.00324	14.14	-98.99	0.00280
7.07	-106.07	0.00241	0.00	-113.14	0.00208
-7.07	-120.21	0.00180	-14.14	-127.28	0.00156
134.35	7.07	0.00092	127.28	0.00	0.00110
120.21	-7.07	0.00132	113.14	-14.14	0.00162
106.07	-21.21	0.00202	98.99	-28.28	0.00258
91.92	-35.36	0.00337	84.85	-42.43	0.00439
81.32	-45.96	0.00495	77.78	-49.50	0.00547
75.66	-51.62	0.00572	74.25	-53.03	0.00586

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00596	71.42	-55.86	0.00601
70.00	-57.28	0.00604	57.28	-70.00	0.00452
55.86	-71.42	0.00446	54.45	-72.83	0.00443
53.03	-74.25	0.00441	51.62	-75.66	0.00440

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

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00438	45.96	-81.32	0.00432
42.43	-84.85	0.00420	35.36	-91.92	0.00383
28.28	-98.99	0.00339	21.21	-106.07	0.00295
14.14	-113.14	0.00255	7.07	-120.21	0.00220
0.00	-127.28	0.00190	-7.07	-134.35	0.00165
141.42	0.00	0.00082	134.35	-7.07	0.00097
127.28	-14.14	0.00116	120.21	-21.21	0.00140
113.14	-28.28	0.00173	106.07	-35.36	0.00219
98.99	-42.43	0.00286	91.92	-49.50	0.00383
88.39	-53.03	0.00443	84.85	-56.57	0.00505
82.73	-58.69	0.00538	81.32	-60.10	0.00555
79.90	-61.52	0.00569	78.49	-62.93	0.00578
77.07	-64.35	0.00582	64.35	-77.07	0.00449
62.93	-78.49	0.00444	61.52	-79.90	0.00442
60.10	-81.32	0.00441	58.69	-82.73	0.00441
56.57	-84.85	0.00439	53.03	-88.39	0.00433
49.50	-91.92	0.00422	42.43	-98.99	0.00386
35.36	-106.07	0.00343	28.28	-113.14	0.00300
21.21	-120.21	0.00260	14.14	-127.28	0.00225
7.07	-134.35	0.00195	0.00	-141.42	0.00169
148.49	-7.07	0.00072	141.42	-14.14	0.00083
134.35	-21.21	0.00098	127.28	-28.28	0.00118
120.21	-35.36	0.00144	113.14	-42.43	0.00178
106.07	-49.50	0.00228	98.99	-56.57	0.00305
95.46	-60.10	0.00360	91.92	-63.64	0.00427
89.80	-65.76	0.00468	88.39	-67.18	0.00494
86.97	-68.59	0.00515	85.56	-70.00	0.00532
84.15	-71.42	0.00544	71.42	-84.15	0.00440
70.00	-85.56	0.00435	68.59	-86.97	0.00434
67.18	-88.39	0.00433	65.76	-89.80	0.00432

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00430	60.10	-95.46	0.00422
56.57	-98.99	0.00410	49.50	-106.07	0.00376
42.43	-113.14	0.00335	35.36	-120.21	0.00294
28.28	-127.28	0.00256	21.21	-134.35	0.00223
14.14	-141.42	0.00194	7.07	-148.49	0.00169
155.56	-14.14	0.00061	148.49	-21.21	0.00071
141.42	-28.28	0.00082	134.35	-35.36	0.00097
127.28	-42.43	0.00115	120.21	-49.50	0.00140
113.14	-56.57	0.00173	106.07	-63.64	0.00222
102.53	-67.18	0.00257	98.99	-70.71	0.00304

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

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

18:33:00

**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
96.87	-72.83	0.00341	95.46	-74.25	0.00369
94.05	-75.66	0.00399	92.63	-77.07	0.00430
91.22	-78.49	0.00458	78.49	-91.22	0.00423
77.07	-92.63	0.00417	75.66	-94.05	0.00414
74.25	-95.46	0.00411	72.83	-96.87	0.00409
70.71	-98.99	0.00404	67.18	-102.53	0.00395
63.64	-106.07	0.00384	56.57	-113.14	0.00352
49.50	-120.21	0.00315	42.43	-127.28	0.00278
35.36	-134.35	0.00244	28.28	-141.42	0.00214
21.21	-148.49	0.00188	14.14	-155.56	0.00165
162.63	-21.21	0.00052	155.56	-28.28	0.00059
148.49	-35.36	0.00068	141.42	-42.43	0.00078
134.35	-49.50	0.00090	127.28	-56.57	0.00105
120.21	-63.64	0.00125	113.14	-70.71	0.00150
109.60	-74.25	0.00166	106.07	-77.78	0.00184
103.94	-79.90	0.00198	102.53	-81.32	0.00208
101.12	-82.73	0.00221	99.70	-84.15	0.00237
98.29	-85.56	0.00260	85.56	-98.29	0.00375
84.15	-99.70	0.00367	82.73	-101.12	0.00362
81.32	-102.53	0.00358	79.90	-103.94	0.00356
77.78	-106.07	0.00352	74.25	-109.60	0.00346
70.71	-113.14	0.00337	63.64	-120.21	0.00314
56.57	-127.28	0.00285	49.50	-134.35	0.00254
42.43	-141.42	0.00226	35.36	-148.49	0.00200

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00177	21.21	-162.63	0.00157
169.71	-28.28	0.00044	162.63	-35.36	0.00049
155.56	-42.43	0.00055	148.49	-49.50	0.00062
141.42	-56.57	0.00070	134.35	-63.64	0.00079
127.28	-70.71	0.00088	120.21	-77.78	0.00099
116.67	-81.32	0.00104	113.14	-84.85	0.00109
111.02	-86.97	0.00111	109.60	-88.39	0.00112
108.19	-89.80	0.00113	106.77	-91.22	0.00115
105.36	-92.63	0.00116	92.63	-105.36	0.00223
91.22	-106.77	0.00236	89.80	-108.19	0.00245
88.39	-109.60	0.00253	86.97	-111.02	0.00259
84.85	-113.14	0.00266	81.32	-116.67	0.00271
77.78	-120.21	0.00271	70.71	-127.28	0.00262
63.64	-134.35	0.00245	56.57	-141.42	0.00224
49.50	-148.49	0.00202	42.43	-155.56	0.00182
35.36	-162.63	0.00163	28.28	-169.71	0.00147

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

18:33:00

**MODELOPTs:

PAGE 58

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00037	169.71	-42.43	0.00041
162.63	-49.50	0.00045	155.56	-56.57	0.00049
148.49	-63.64	0.00054	141.42	-70.71	0.00059
134.35	-77.78	0.00064	127.28	-84.85	0.00069
123.74	-88.39	0.00071	120.21	-91.92	0.00074
118.09	-94.05	0.00075	116.67	-95.46	0.00077
115.26	-96.87	0.00079	113.84	-98.29	0.00081
112.43	-99.70	0.00084	99.70	-112.43	0.00135
98.29	-113.84	0.00143	96.87	-115.26	0.00150
95.46	-116.67	0.00158	94.05	-118.09	0.00166
91.92	-120.21	0.00176	88.39	-123.74	0.00190
84.85	-127.28	0.00198	77.78	-134.35	0.00205
70.71	-141.42	0.00200	63.64	-148.49	0.00189
56.57	-155.56	0.00175	49.50	-162.63	0.00161
42.43	-169.71	0.00147	35.36	-176.78	0.00134
183.85	-42.43	0.00031	176.78	-49.50	0.00034
169.71	-56.57	0.00037	162.63	-63.64	0.00040
155.56	-70.71	0.00043	148.49	-77.78	0.00046

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00049	134.35	-91.92	0.00052
130.81	-95.46	0.00054	127.28	-98.99	0.00057
125.16	-101.12	0.00059	123.74	-102.53	0.00061
122.33	-103.94	0.00063	120.92	-105.36	0.00065
119.50	-106.77	0.00068	106.77	-119.50	0.00100
105.36	-120.92	0.00103	103.94	-122.33	0.00107
102.53	-123.74	0.00111	101.12	-125.16	0.00115
98.99	-127.28	0.00122	95.46	-130.81	0.00132
91.92	-134.35	0.00141	84.85	-141.42	0.00153
77.78	-148.49	0.00156	70.71	-155.56	0.00154
63.64	-162.63	0.00147	56.57	-169.71	0.00138
49.50	-176.78	0.00129	42.43	-183.85	0.00120
190.92	-49.50	0.00027	183.85	-56.57	0.00029
176.78	-63.64	0.00031	169.71	-70.71	0.00033
162.63	-77.78	0.00034	155.56	-84.85	0.00036
148.49	-91.92	0.00039	141.42	-98.99	0.00042
137.89	-102.53	0.00044	134.35	-106.07	0.00047
132.23	-108.19	0.00049	130.81	-109.60	0.00051
129.40	-111.02	0.00052	127.99	-112.43	0.00055
126.57	-113.84	0.00057	113.84	-126.57	0.00079
112.43	-127.99	0.00081	111.02	-129.40	0.00082
109.60	-130.81	0.00084	108.19	-132.23	0.00087

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

18:33:00

**MODELOPTs:

PAGE 59

CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00091	102.53	-137.89	0.00097
98.99	-141.42	0.00104	91.92	-148.49	0.00114
84.85	-155.56	0.00120	77.78	-162.63	0.00122
70.71	-169.71	0.00120	63.64	-176.78	0.00116
56.57	-183.85	0.00111	49.50	-190.92	0.00105
197.99	-56.57	0.00023	190.92	-63.64	0.00024
183.85	-70.71	0.00026	176.78	-77.78	0.00027
169.71	-84.85	0.00028	162.63	-91.92	0.00030
155.56	-98.99	0.00032	148.49	-106.07	0.00035
144.96	-109.60	0.00037	141.42	-113.14	0.00040
139.30	-115.26	0.00041	137.89	-116.67	0.00043
136.47	-118.09	0.00044	135.06	-119.50	0.00046

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00048	120.92	-133.64	0.00064
119.50	-135.06	0.00066	118.09	-136.47	0.00067
116.67	-137.89	0.00068	115.26	-139.30	0.00069
113.14	-141.42	0.00071	109.60	-144.96	0.00075
106.07	-148.49	0.00079	98.99	-155.56	0.00088
91.92	-162.63	0.00093	84.85	-169.71	0.00096
77.78	-176.78	0.00097	70.71	-183.85	0.00096
63.64	-190.92	0.00094	56.57	-197.99	0.00090
205.06	-63.64	0.00020	197.99	-70.71	0.00021
190.92	-77.78	0.00022	183.85	-84.85	0.00023
176.78	-91.92	0.00024	169.71	-98.99	0.00025
162.63	-106.07	0.00027	155.56	-113.14	0.00030
152.03	-116.67	0.00032	148.49	-120.21	0.00034
146.37	-122.33	0.00036	144.96	-123.74	0.00037
143.54	-125.16	0.00038	142.13	-126.57	0.00039
140.71	-127.99	0.00041	127.99	-140.71	0.00053
126.57	-142.13	0.00054	125.16	-143.54	0.00055
123.74	-144.96	0.00056	122.33	-146.37	0.00056
120.21	-148.49	0.00057	116.67	-152.03	0.00060
113.14	-155.56	0.00063	106.07	-162.63	0.00069
98.99	-169.71	0.00074	91.92	-176.78	0.00077
84.85	-183.85	0.00079	77.78	-190.92	0.00079
70.71	-197.99	0.00079	63.64	-205.06	0.00077
212.13	-70.71	0.00017	205.06	-77.78	0.00018
197.99	-84.85	0.00019	190.92	-91.92	0.00019
183.85	-98.99	0.00020	176.78	-106.07	0.00022
169.71	-113.14	0.00023	162.63	-120.21	0.00026
159.10	-123.74	0.00028	155.56	-127.28	0.00030

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

18:33:00
 **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	0.00031	152.03	-130.81	0.00032
150.61	-132.23	0.00033	149.20	-133.64	0.00034
147.79	-135.06	0.00035	135.06	-147.79	0.00045
133.64	-149.20	0.00046	132.23	-150.61	0.00046
130.81	-152.03	0.00047	129.40	-153.44	0.00047
127.28	-155.56	0.00048	123.74	-159.10	0.00049

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00051	113.14	-169.71	0.00055
106.07	-176.78	0.00060	98.99	-183.85	0.00063
91.92	-190.92	0.00065	84.85	-197.99	0.00066
77.78	-205.06	0.00066	70.71	-212.13	0.00065
219.20	-77.78	0.00015	212.13	-84.85	0.00015
205.06	-91.92	0.00016	197.99	-98.99	0.00017
190.92	-106.07	0.00018	183.85	-113.14	0.00019
176.78	-120.21	0.00021	169.71	-127.28	0.00023
166.17	-130.81	0.00024	162.63	-134.35	0.00026
160.51	-136.47	0.00027	159.10	-137.89	0.00028
157.68	-139.30	0.00029	156.27	-140.71	0.00030
154.86	-142.13	0.00031	142.13	-154.86	0.00038
140.71	-156.27	0.00039	139.30	-157.68	0.00039
137.89	-159.10	0.00040	136.47	-160.51	0.00040
134.35	-162.63	0.00040	130.81	-166.17	0.00041
127.28	-169.71	0.00043	120.21	-176.78	0.00046
113.14	-183.85	0.00049	106.07	-190.92	0.00052
98.99	-197.99	0.00054	91.92	-205.06	0.00055
84.85	-212.13	0.00056	77.78	-219.20	0.00056
226.27	-84.85	0.00013	219.20	-91.92	0.00014
212.13	-98.99	0.00014	205.06	-106.07	0.00015
197.99	-113.14	0.00016	190.92	-120.21	0.00017
183.85	-127.28	0.00018	176.78	-134.35	0.00020
173.24	-137.89	0.00022	169.71	-141.42	0.00023
167.58	-143.54	0.00024	166.17	-144.96	0.00025
164.76	-146.37	0.00025	163.34	-147.79	0.00026
161.93	-149.20	0.00027	149.20	-161.93	0.00033
147.79	-163.34	0.00033	146.37	-164.76	0.00034
144.96	-166.17	0.00034	143.54	-167.58	0.00034
141.42	-169.71	0.00035	137.89	-173.24	0.00035
134.35	-176.78	0.00036	127.28	-183.85	0.00038
120.21	-190.92	0.00041	113.14	-197.99	0.00043
106.07	-205.06	0.00045	98.99	-212.13	0.00047
91.92	-219.20	0.00048	84.85	-226.27	0.00048

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

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

18:33:00

**MODELOPTs:
 PAGE 61

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00013
205.06	-120.21	0.00014	197.99	-127.28	0.00015
190.92	-134.35	0.00017	183.85	-141.42	0.00018
180.31	-144.96	0.00019	176.78	-148.49	0.00020
174.66	-150.61	0.00021	173.24	-152.03	0.00022
171.83	-153.44	0.00022	170.41	-154.86	0.00023
169.00	-156.27	0.00024	156.27	-169.00	0.00029
154.86	-170.41	0.00029	153.44	-171.83	0.00029
152.03	-173.24	0.00030	150.61	-174.66	0.00030
148.49	-176.78	0.00030	144.96	-180.31	0.00031
141.42	-183.85	0.00031	134.35	-190.92	0.00033
127.28	-197.99	0.00035	120.21	-205.06	0.00037
113.14	-212.13	0.00039	106.07	-219.20	0.00040
98.99	-226.27	0.00041	91.92	-233.35	0.00041
240.42	-98.99	0.00010	233.35	-106.07	0.00011
226.27	-113.14	0.00011	219.20	-120.21	0.00012
212.13	-127.28	0.00013	205.06	-134.35	0.00014
197.99	-141.42	0.00015	190.92	-148.49	0.00016
187.38	-152.03	0.00017	183.85	-155.56	0.00018
181.73	-157.68	0.00019	180.31	-159.10	0.00020
178.90	-160.51	0.00020	177.48	-161.93	0.00021
176.07	-163.34	0.00021	163.34	-176.07	0.00025
161.93	-177.48	0.00025	160.51	-178.90	0.00026
159.10	-180.31	0.00026	157.68	-181.73	0.00026
155.56	-183.85	0.00026	152.03	-187.38	0.00027
148.49	-190.92	0.00027	141.42	-197.99	0.00028
134.35	-205.06	0.00030	127.28	-212.13	0.00031
120.21	-219.20	0.00033	113.14	-226.27	0.00034
106.07	-233.35	0.00035	98.99	-240.42	0.00036
247.49	-106.07	0.00009	240.42	-113.14	0.00010
233.35	-120.21	0.00010	226.27	-127.28	0.00011
219.20	-134.35	0.00012	212.13	-141.42	0.00012
205.06	-148.49	0.00014	197.99	-155.56	0.00015
194.45	-159.10	0.00016	190.92	-162.63	0.00017
188.80	-164.76	0.00017	187.38	-166.17	0.00018
185.97	-167.58	0.00018	184.55	-169.00	0.00018
183.14	-170.41	0.00019	170.41	-183.14	0.00022
169.00	-184.55	0.00022	167.58	-185.97	0.00023
166.17	-187.38	0.00023	164.76	-188.80	0.00023

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

*** NCRA Cumulative DPM Impacts

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

18:33:00
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00023	159.10	-194.45	0.00024	
155.56	-197.99	0.00024	148.49	-205.06	0.00025	
141.42	-212.13	0.00026	134.35	-219.20	0.00027	
127.28	-226.27	0.00029	120.21	-233.35	0.00030	
113.14	-240.42	0.00031	106.07	-247.49	0.00032	

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

18:33:00
 **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	
-106.07	247.49	0.00019	-113.14	240.42	0.00018	
-120.21	233.35	0.00017	-127.28	226.27	0.00017	
-134.35	219.20	0.00016	-141.42	212.13	0.00015	
-148.49	205.06	0.00015	-155.56	197.99	0.00014	
-159.10	194.45	0.00014	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00013	-169.00	184.55	0.00013	
-170.41	183.14	0.00013	-183.14	170.41	0.00012	
-184.55	169.00	0.00012	-185.97	167.58	0.00012	
-187.38	166.17	0.00012	-188.80	164.76	0.00012	
-190.92	162.63	0.00012	-194.45	159.10	0.00012	
-197.99	155.56	0.00012	-205.06	148.49	0.00011	
-212.13	141.42	0.00011	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00021	-106.07	233.35	0.00020	
-113.14	226.27	0.00019	-120.21	219.20	0.00018	
-127.28	212.13	0.00018	-134.35	205.06	0.00017	
-141.42	197.99	0.00016	-148.49	190.92	0.00015	
-152.03	187.38	0.00015	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00014	-161.93	177.48	0.00014	
-163.34	176.07	0.00014	-176.07	163.34	0.00013	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00013	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00013
-190.92	148.49	0.00013	-197.99	141.42	0.00012
-205.06	134.35	0.00012	-212.13	127.28	0.00011
-219.20	120.21	0.00010	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00009
-91.92	233.35	0.00023	-99.00	226.27	0.00022
-106.07	219.20	0.00021	-113.14	212.13	0.00020
-120.21	205.06	0.00019	-127.28	197.99	0.00018
-134.35	190.92	0.00018	-141.42	183.85	0.00017
-144.96	180.31	0.00016	-148.49	176.78	0.00016
-150.61	174.66	0.00016	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00015
-156.27	169.00	0.00015	-169.00	156.27	0.00014
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

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

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00014	-180.31	144.96	0.00014
-183.85	141.42	0.00014	-190.92	134.35	0.00013
-197.99	127.28	0.00012	-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	0.00010
-84.85	226.27	0.00026	-91.92	219.20	0.00025
-99.00	212.13	0.00023	-106.07	205.06	0.00022
-113.14	197.99	0.00021	-120.21	190.92	0.00020
-127.28	183.85	0.00019	-134.35	176.78	0.00018
-137.89	173.24	0.00018	-141.42	169.71	0.00017
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00016
-149.20	161.93	0.00016	-161.93	149.20	0.00016
-163.34	147.79	0.00016	-164.76	146.37	0.00015
-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00015	-173.24	137.89	0.00015
-176.78	134.35	0.00015	-183.85	127.28	0.00014

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00013
-205.06	106.07	0.00012	-212.13	98.99	0.00011
-219.20	91.92	0.00011	-226.27	84.85	0.00011
-77.78	219.20	0.00030	-84.85	212.13	0.00028
-91.92	205.06	0.00026	-99.00	197.99	0.00025
-106.07	190.92	0.00024	-113.14	183.85	0.00022
-120.21	176.78	0.00021	-127.28	169.71	0.00020
-130.81	166.17	0.00019	-134.35	162.63	0.00019
-136.47	160.51	0.00019	-137.89	159.10	0.00018
-139.30	157.68	0.00018	-140.71	156.27	0.00018
-142.13	154.86	0.00018	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00017
-159.10	137.89	0.00017	-160.51	136.47	0.00017
-162.63	134.35	0.00016	-166.17	130.81	0.00016
-169.71	127.28	0.00016	-176.78	120.21	0.00015
-183.85	113.14	0.00014	-190.92	106.07	0.00013
-197.99	98.99	0.00013	-205.06	91.92	0.00012
-212.13	84.85	0.00012	-219.20	77.78	0.00012
-70.71	212.13	0.00034	-77.78	205.06	0.00032
-84.85	197.99	0.00030	-91.92	190.92	0.00028
-98.99	183.85	0.00026	-106.07	176.78	0.00025
-113.14	169.71	0.00024	-120.21	162.63	0.00022
-123.74	159.10	0.00022	-127.28	155.56	0.00021

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

18:33:00
 **MODELOPTS:
 PAGE 65

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	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00020	-133.64	149.20	0.00020
-135.06	147.79	0.00020	-147.79	135.06	0.00019
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00018	-153.44	129.40	0.00018
-155.56	127.28	0.00018	-159.10	123.74	0.00018
-162.63	120.21	0.00017	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00014
-190.92	91.92	0.00014	-197.99	84.85	0.00013
-205.06	77.78	0.00013	-212.13	70.71	0.00013
-63.64	205.06	0.00039	-70.71	197.99	0.00036

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00034	-84.85	183.85	0.00032
-91.92	176.78	0.00030	-98.99	169.71	0.00028
-106.07	162.63	0.00026	-113.14	155.56	0.00025
-116.67	152.03	0.00024	-120.21	148.49	0.00023
-122.33	146.37	0.00023	-123.74	144.96	0.00022
-125.16	143.54	0.00022	-126.57	142.13	0.00022
-127.99	140.71	0.00022	-140.71	127.99	0.00020
-142.13	126.57	0.00020	-143.54	125.16	0.00020
-144.96	123.74	0.00020	-146.37	122.33	0.00020
-148.49	120.21	0.00020	-152.03	116.67	0.00019
-155.56	113.14	0.00019	-162.63	106.07	0.00018
-169.71	98.99	0.00017	-176.78	91.92	0.00016
-183.85	84.85	0.00015	-190.92	77.78	0.00014
-197.99	70.71	0.00014	-205.06	63.64	0.00014
-56.57	197.99	0.00044	-63.64	190.92	0.00042
-70.71	183.85	0.00039	-77.78	176.78	0.00036
-84.85	169.71	0.00034	-91.92	162.63	0.00032
-98.99	155.56	0.00030	-106.07	148.49	0.00028
-109.60	144.96	0.00027	-113.14	141.42	0.00026
-115.26	139.30	0.00025	-116.67	137.89	0.00025
-118.09	136.47	0.00025	-119.50	135.06	0.00024
-120.92	133.64	0.00024	-133.64	120.92	0.00022
-135.06	119.50	0.00022	-136.47	118.09	0.00022
-137.89	116.67	0.00022	-139.30	115.26	0.00022
-141.42	113.14	0.00022	-144.96	109.60	0.00021
-148.49	106.07	0.00020	-155.56	98.99	0.00019
-162.63	91.92	0.00018	-169.71	84.85	0.00017
-176.78	77.78	0.00016	-183.85	70.71	0.00016
-190.92	63.64	0.00016	-197.99	56.57	0.00016

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

18:33:00
 **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
-49.50	190.92	0.00051	-56.57	183.85	0.00048
-63.64	176.78	0.00045	-70.71	169.71	0.00042
-77.78	162.63	0.00039	-84.85	155.56	0.00036
-91.92	148.49	0.00034	-98.99	141.42	0.00031
-102.53	137.89	0.00030	-106.07	134.35	0.00029

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00028	-109.60	130.81	0.00028
-111.02	129.40	0.00027	-112.43	127.99	0.00027
-113.84	126.57	0.00027	-126.57	113.84	0.00025
-127.99	112.43	0.00025	-129.40	111.02	0.00025
-130.81	109.60	0.00024	-132.23	108.19	0.00024
-134.35	106.07	0.00024	-137.89	102.53	0.00023
-141.42	98.99	0.00022	-148.49	91.92	0.00021
-155.56	84.85	0.00020	-162.63	77.78	0.00019
-169.71	70.71	0.00018	-176.78	63.64	0.00018
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00058	-49.50	176.78	0.00056
-56.57	169.71	0.00053	-63.64	162.63	0.00049
-70.71	155.56	0.00045	-77.78	148.49	0.00041
-84.85	141.42	0.00038	-91.92	134.35	0.00036
-95.46	130.81	0.00034	-98.99	127.28	0.00033
-101.12	125.16	0.00032	-102.53	123.74	0.00031
-103.94	122.33	0.00031	-105.36	120.92	0.00031
-106.77	119.50	0.00030	-119.50	106.77	0.00028
-120.92	105.36	0.00028	-122.33	103.94	0.00027
-123.74	102.53	0.00027	-125.16	101.12	0.00027
-127.28	98.99	0.00026	-130.81	95.46	0.00026
-134.35	91.92	0.00025	-141.42	84.85	0.00023
-148.49	77.78	0.00022	-155.56	70.71	0.00020
-162.63	63.64	0.00020	-169.71	56.57	0.00020
-176.78	49.50	0.00020	-183.85	42.43	0.00021
-35.36	176.78	0.00066	-42.43	169.71	0.00065
-49.50	162.63	0.00062	-56.57	155.56	0.00058
-63.64	148.49	0.00053	-70.71	141.42	0.00049
-77.78	134.35	0.00045	-84.85	127.28	0.00041
-88.39	123.74	0.00039	-91.92	120.21	0.00038
-94.05	118.09	0.00036	-95.46	116.67	0.00036
-96.87	115.26	0.00035	-98.29	113.84	0.00035
-99.70	112.43	0.00034	-112.43	99.70	0.00031
-113.84	98.29	0.00031	-115.26	96.87	0.00031
-116.67	95.46	0.00030	-118.09	94.05	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:33:00
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00029	-123.74	88.39	0.00028
-127.28	84.85	0.00027	-134.35	77.78	0.00025
-141.42	70.71	0.00024	-148.49	63.64	0.00023
-155.56	56.57	0.00022	-162.63	49.50	0.00023
-169.71	42.43	0.00023	-176.78	35.36	0.00024
-28.28	169.71	0.00075	-35.36	162.63	0.00075
-42.43	155.56	0.00074	-49.50	148.49	0.00070
-56.57	141.42	0.00064	-63.64	134.35	0.00058
-70.71	127.28	0.00052	-77.78	120.21	0.00048
-81.32	116.67	0.00046	-84.85	113.14	0.00043
-86.97	111.02	0.00042	-88.39	109.60	0.00041
-89.80	108.19	0.00040	-91.22	106.77	0.00040
-92.63	105.36	0.00039	-105.36	92.63	0.00035
-106.77	91.22	0.00035	-108.19	89.80	0.00035
-109.60	88.39	0.00034	-111.02	86.97	0.00034
-113.14	84.85	0.00033	-116.67	81.32	0.00032
-120.21	77.78	0.00030	-127.28	70.71	0.00028
-134.35	63.64	0.00026	-141.42	56.57	0.00026
-148.49	49.50	0.00026	-155.56	42.43	0.00026
-162.63	35.36	0.00027	-169.71	28.28	0.00027
-21.21	162.63	0.00085	-28.28	155.56	0.00087
-35.36	148.49	0.00087	-42.43	141.42	0.00084
-49.50	134.35	0.00078	-56.57	127.28	0.00070
-63.64	120.21	0.00063	-70.71	113.14	0.00056
-74.25	109.60	0.00054	-77.78	106.07	0.00051
-79.90	103.94	0.00049	-81.32	102.53	0.00048
-82.73	101.12	0.00047	-84.15	99.70	0.00046
-85.56	98.29	0.00045	-98.29	85.56	0.00040
-99.70	84.15	0.00040	-101.12	82.73	0.00039
-102.53	81.32	0.00039	-103.94	79.90	0.00038
-106.07	77.78	0.00037	-109.60	74.25	0.00036
-113.14	70.71	0.00034	-120.21	63.64	0.00031
-127.28	56.57	0.00030	-134.35	49.50	0.00030
-141.42	42.43	0.00030	-148.49	35.36	0.00031
-155.56	28.28	0.00031	-162.63	21.21	0.00032
-14.14	155.56	0.00094	-21.21	148.49	0.00099
-28.28	141.42	0.00101	-35.36	134.35	0.00101
-42.43	127.28	0.00096	-49.50	120.21	0.00088
-56.57	113.14	0.00077	-63.64	106.07	0.00068
-67.18	102.53	0.00064	-70.71	98.99	0.00060

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00058	-74.25	95.46	0.00056
-75.66	94.05	0.00055	-77.07	92.63	0.00054
-78.49	91.22	0.00052	-91.22	78.49	0.00046
-92.63	77.07	0.00045	-94.05	75.66	0.00045
-95.46	74.25	0.00044	-96.87	72.83	0.00043
-98.99	70.71	0.00042	-102.53	67.18	0.00040
-106.07	63.64	0.00038	-113.14	56.57	0.00036
-120.21	49.50	0.00035	-127.28	42.43	0.00035
-134.35	35.36	0.00036	-141.42	28.28	0.00036
-148.49	21.21	0.00037	-155.56	14.14	0.00037
-7.07	148.49	0.00103	-14.14	141.42	0.00111
-21.21	134.35	0.00117	-28.28	127.28	0.00120
-35.36	120.21	0.00118	-42.43	113.14	0.00110
-49.50	106.07	0.00098	-56.57	98.99	0.00084
-60.10	95.46	0.00078	-63.64	91.92	0.00073
-65.76	89.80	0.00070	-67.18	88.39	0.00068
-68.59	86.97	0.00066	-70.00	85.56	0.00064
-71.42	84.15	0.00062	-84.15	71.42	0.00053
-85.56	70.00	0.00052	-86.97	68.59	0.00052
-88.39	67.18	0.00051	-89.80	65.76	0.00050
-91.92	63.64	0.00048	-95.46	60.10	0.00046
-98.99	56.57	0.00044	-106.07	49.50	0.00041
-113.14	42.43	0.00041	-120.21	35.36	0.00042
-127.28	28.28	0.00043	-134.35	21.21	0.00043
-141.42	14.14	0.00043	-148.49	7.07	0.00043
0.00	141.42	0.00112	-7.07	134.35	0.00123
-14.14	127.28	0.00133	-21.21	120.21	0.00141
-28.28	113.14	0.00144	-35.36	106.07	0.00140
-42.43	98.99	0.00127	-49.50	91.92	0.00108
-53.03	88.39	0.00099	-56.57	84.85	0.00090
-58.69	82.73	0.00086	-60.10	81.32	0.00083
-61.52	79.90	0.00080	-62.93	78.49	0.00077
-64.35	77.07	0.00075	-77.07	64.35	0.00062
-78.49	62.93	0.00061	-79.90	61.52	0.00060
-81.32	60.10	0.00058	-82.73	58.69	0.00057
-84.85	56.57	0.00055	-88.39	53.03	0.00052
-91.92	49.50	0.00050	-98.99	42.43	0.00049

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00050	-113.14	28.28	0.00051
-120.21	21.21	0.00052	-127.28	14.14	0.00052
-134.35	7.07	0.00051	-141.42	0.00	0.00050

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

18:33:00
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00119	0.00	127.28	0.00133
-7.07	120.21	0.00148	-14.14	113.14	0.00162
-21.21	106.07	0.00173	-28.28	98.99	0.00176
-35.36	91.92	0.00168	-42.43	84.85	0.00146
-45.96	81.32	0.00131	-49.50	77.78	0.00117
-51.62	75.66	0.00109	-53.03	74.25	0.00105
-54.45	72.83	0.00100	-55.86	71.42	0.00096
-57.28	70.00	0.00092	-70.00	57.28	0.00073
-71.42	55.86	0.00071	-72.83	54.45	0.00069
-74.25	53.03	0.00068	-75.66	51.62	0.00066
-77.78	49.50	0.00064	-81.32	45.96	0.00061
-84.85	42.43	0.00060	-91.92	35.36	0.00060
-98.99	28.28	0.00062	-106.07	21.21	0.00063
-113.14	14.14	0.00063	-120.21	7.07	0.00062
-127.28	0.00	0.00060	-134.35	-7.07	0.00058
14.14	127.28	0.00124	7.07	120.21	0.00142
0.00	113.14	0.00161	-7.07	106.07	0.00181
-14.14	98.99	0.00200	-21.21	91.92	0.00215
-28.28	84.85	0.00220	-35.36	77.78	0.00203
-38.89	74.25	0.00184	-42.43	70.71	0.00162
-44.55	68.59	0.00148	-45.96	67.18	0.00139
-47.38	65.76	0.00131	-48.79	64.35	0.00123
-50.20	62.93	0.00117	-62.93	50.20	0.00086
-64.35	48.79	0.00083	-65.76	47.38	0.00081
-67.18	45.96	0.00079	-68.59	44.55	0.00077
-70.71	42.43	0.00075	-74.25	38.89	0.00074
-77.78	35.36	0.00074	-84.85	28.28	0.00076
-91.92	21.21	0.00078	-98.99	14.14	0.00078
-106.07	7.07	0.00077	-113.14	0.00	0.00075
-120.21	-7.07	0.00071	-127.28	-14.14	0.00068
21.21	120.21	0.00128	14.14	113.14	0.00149

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00172	0.00	98.99	0.00198
-7.07	91.92	0.00226	-14.14	84.85	0.00253
-21.21	77.78	0.00275	-28.28	70.71	0.00280
-31.82	67.18	0.00268	-35.36	63.64	0.00241
-37.48	61.52	0.00219	-38.89	60.10	0.00203
-40.31	58.69	0.00186	-41.72	57.28	0.00171
-43.13	55.86	0.00157	-55.86	43.13	0.00101
-57.28	41.72	0.00099	-58.69	40.31	0.00096
-60.10	38.89	0.00094	-61.52	37.48	0.00093

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

18:33:00
 **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
-63.64	35.36	0.00093	-67.18	31.82	0.00094
-70.71	28.28	0.00096	-77.78	21.21	0.00099
-84.85	14.14	0.00099	-91.92	7.07	0.00098
-98.99	0.00	0.00095	-106.07	-7.07	0.00090
-113.14	-14.14	0.00085	-120.21	-21.21	0.00079
28.28	113.14	0.00130	21.21	106.07	0.00152
14.14	98.99	0.00179	7.07	91.92	0.00211
0.00	84.85	0.00247	-7.07	77.78	0.00286
-14.14	70.71	0.00326	-21.21	63.64	0.00360
-24.75	60.10	0.00369	-28.28	56.57	0.00362
-30.41	54.45	0.00345	-31.82	53.03	0.00326
-33.23	51.62	0.00302	-34.65	50.20	0.00273
-36.06	48.79	0.00243	-48.79	36.06	0.00123
-50.20	34.65	0.00121	-51.62	33.23	0.00120
-53.03	31.82	0.00121	-54.45	30.41	0.00121
-56.57	28.28	0.00123	-60.10	24.75	0.00126
-63.64	21.21	0.00129	-70.71	14.14	0.00131
-77.78	7.07	0.00129	-84.85	0.00	0.00124
-91.92	-7.07	0.00116	-98.99	-14.14	0.00108
-106.07	-21.21	0.00100	-113.14	-28.28	0.00092
35.36	106.07	0.00128	28.28	98.99	0.00152
21.21	91.92	0.00182	14.14	84.85	0.00218
7.07	77.78	0.00261	0.00	70.71	0.00311
-7.07	63.64	0.00367	-14.14	56.57	0.00426
-17.68	53.03	0.00456	-21.21	49.50	0.00479

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00486	-24.75	45.96	0.00486
-26.16	44.55	0.00482	-27.58	43.13	0.00468
-28.99	41.72	0.00440	-41.72	28.99	0.00172
-43.13	27.58	0.00173	-44.55	26.16	0.00174
-45.96	24.75	0.00175	-47.38	23.33	0.00176
-49.50	21.21	0.00178	-53.03	17.68	0.00179
-56.57	14.14	0.00179	-63.64	7.07	0.00175
-70.71	0.00	0.00166	-77.78	-7.07	0.00154
-84.85	-14.14	0.00141	-91.92	-21.21	0.00128
-98.99	-28.28	0.00116	-106.07	-35.36	0.00105
42.43	98.99	0.00125	35.36	91.92	0.00149
28.28	84.85	0.00180	21.21	77.78	0.00219
14.14	70.71	0.00267	7.07	63.64	0.00325
0.00	56.57	0.00393	-7.07	49.50	0.00469
-10.61	45.96	0.00510	-14.14	42.43	0.00548

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

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

18:33:00

**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	0.00566	-17.68	38.89	0.00575
-19.09	37.48	0.00581	-20.51	36.06	0.00589
-21.92	34.65	0.00589	-34.65	21.92	0.00322
-36.06	20.51	0.00303	-37.48	19.09	0.00290
-38.89	17.68	0.00280	-40.31	16.26	0.00273
-42.43	14.14	0.00265	-45.96	10.61	0.00254
-49.50	7.07	0.00246	-56.57	0.00	0.00228
-63.64	-7.07	0.00209	-70.71	-14.14	0.00188
-77.78	-21.21	0.00168	-84.85	-28.28	0.00150
-91.92	-35.36	0.00133	-98.99	-42.43	0.00119
49.50	91.92	0.00119	42.43	84.85	0.00143
35.36	77.78	0.00173	28.28	70.71	0.00213
21.21	63.64	0.00263	14.14	56.57	0.00326
7.07	49.50	0.00402	0.00	42.43	0.00487
-3.54	38.89	0.00531	-7.07	35.36	0.00574
-9.19	33.23	0.00594	-10.61	31.82	0.00603
-12.02	30.41	0.00608	-13.44	28.99	0.00612
-14.85	27.58	0.00613	-27.58	14.85	0.00405
-28.99	13.44	0.00392	-30.41	12.02	0.00382

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00372	-33.23	9.19	0.00364
-35.36	7.07	0.00352	-38.89	3.54	0.00335
-42.43	0.00	0.00318	-49.50	-7.07	0.00285
-56.57	-14.14	0.00253	-63.64	-21.21	0.00223
-70.71	-28.28	0.00195	-77.78	-35.36	0.00171
-84.85	-42.43	0.00150	-91.92	-49.50	0.00133
56.57	84.85	0.00111	49.50	77.78	0.00133
42.43	70.71	0.00162	35.36	63.64	0.00200
28.28	56.57	0.00250	21.21	49.50	0.00315
14.14	42.43	0.00395	7.07	35.36	0.00487
3.54	31.82	0.00533	0.00	28.28	0.00577
-2.12	26.16	0.00599	-3.54	24.75	0.00609
-4.95	23.33	0.00614	-6.36	21.92	0.00616
-7.78	20.51	0.00618	-20.51	7.78	0.00435
-21.92	6.36	0.00426	-23.33	4.95	0.00420
-24.75	3.54	0.00415	-26.16	2.12	0.00410
-28.28	0.00	0.00402	-31.82	-3.54	0.00388
-35.36	-7.07	0.00372	-42.43	-14.14	0.00335
-49.50	-21.21	0.00294	-56.57	-28.28	0.00255
-63.64	-35.36	0.00220	-70.71	-42.43	0.00191
-77.78	-49.50	0.00166	-84.85	-56.57	0.00145

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

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

18:33:00

**MODELOPTs:

PAGE 72

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00102	56.57	70.71	0.00122
49.50	63.64	0.00148	42.43	56.57	0.00182
35.36	49.50	0.00229	28.28	42.43	0.00292
21.21	35.36	0.00374	14.14	28.28	0.00472
10.61	24.75	0.00522	7.07	21.21	0.00567
4.95	19.09	0.00591	3.54	17.68	0.00602
2.12	16.26	0.00610	0.71	14.85	0.00613
-0.71	13.44	0.00615	-13.44	0.71	0.00447
-14.85	-0.71	0.00441	-16.26	-2.12	0.00437
-17.68	-3.54	0.00434	-19.09	-4.95	0.00431
-21.21	-7.07	0.00427	-24.75	-10.61	0.00418
-28.28	-14.14	0.00404	-35.36	-21.21	0.00367
-42.43	-28.28	0.00324	-49.50	-35.36	0.00280

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00241	-63.64	-49.50	0.00208
-70.71	-56.57	0.00180	-77.78	-63.64	0.00156
70.71	70.71	0.00092	63.64	63.64	0.00110
56.57	56.57	0.00132	49.50	49.50	0.00162
42.43	42.43	0.00202	35.36	35.36	0.00258
28.28	28.28	0.00337	21.21	21.21	0.00439
17.68	17.68	0.00495	14.14	14.14	0.00547
12.02	12.02	0.00572	10.61	10.61	0.00586
9.19	9.19	0.00596	7.78	7.78	0.00601
6.36	6.36	0.00604	-6.36	-6.36	0.00452
-7.78	-7.78	0.00446	-9.19	-9.19	0.00443
-10.61	-10.61	0.00441	-12.02	-12.02	0.00440
-14.14	-14.14	0.00438	-17.68	-17.68	0.00432
-21.21	-21.21	0.00420	-28.28	-28.28	0.00383
-35.36	-35.36	0.00339	-42.43	-42.43	0.00295
-49.50	-49.50	0.00255	-56.57	-56.57	0.00220
-63.64	-63.64	0.00190	-70.71	-70.71	0.00165
77.78	63.64	0.00082	70.71	56.57	0.00097
63.64	49.50	0.00116	56.57	42.43	0.00140
49.50	35.36	0.00173	42.43	28.28	0.00219
35.36	21.21	0.00286	28.28	14.14	0.00383
24.75	10.61	0.00443	21.21	7.07	0.00505
19.09	4.95	0.00538	17.68	3.54	0.00555
16.26	2.12	0.00569	14.85	0.71	0.00578
13.44	-0.71	0.00582	0.71	-13.44	0.00449
-0.71	-14.85	0.00444	-2.12	-16.26	0.00442
-3.54	-17.68	0.00441	-4.95	-19.09	0.00441

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

18:33:00
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00439	-10.61	-24.75	0.00433
-14.14	-28.28	0.00422	-21.21	-35.36	0.00386
-28.28	-42.43	0.00343	-35.36	-49.50	0.00300
-42.43	-56.57	0.00260	-49.50	-63.64	0.00225
-56.57	-70.71	0.00195	-63.64	-77.78	0.00169
84.85	56.57	0.00072	77.78	49.50	0.00083
70.71	42.43	0.00098	63.64	35.36	0.00118

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00144	49.50	21.21	0.00178
42.43	14.14	0.00228	35.36	7.07	0.00305
31.82	3.54	0.00360	28.28	0.00	0.00427
26.16	-2.12	0.00468	24.75	-3.54	0.00494
23.33	-4.95	0.00515	21.92	-6.36	0.00532
20.51	-7.78	0.00544	7.78	-20.51	0.00440
6.36	-21.92	0.00435	4.95	-23.33	0.00434
3.54	-24.75	0.00433	2.12	-26.16	0.00432
0.00	-28.28	0.00430	-3.54	-31.82	0.00422
-7.07	-35.36	0.00410	-14.14	-42.43	0.00376
-21.21	-49.50	0.00335	-28.28	-56.57	0.00294
-35.36	-63.64	0.00256	-42.43	-70.71	0.00223
-49.50	-77.78	0.00194	-56.57	-84.85	0.00169
91.92	49.50	0.00061	84.85	42.43	0.00071
77.78	35.36	0.00082	70.71	28.28	0.00097
63.64	21.21	0.00115	56.57	14.14	0.00140
49.50	7.07	0.00173	42.43	0.00	0.00222
38.89	-3.54	0.00257	35.36	-7.07	0.00304
33.23	-9.19	0.00341	31.82	-10.61	0.00369
30.41	-12.02	0.00399	28.99	-13.44	0.00430
27.58	-14.85	0.00458	14.85	-27.58	0.00423
13.44	-28.99	0.00417	12.02	-30.41	0.00414
10.61	-31.82	0.00411	9.19	-33.23	0.00409
7.07	-35.36	0.00404	3.54	-38.89	0.00395
0.00	-42.43	0.00384	-7.07	-49.50	0.00352
-14.14	-56.57	0.00315	-21.21	-63.64	0.00278
-28.28	-70.71	0.00244	-35.36	-77.78	0.00214
-42.43	-84.85	0.00188	-49.50	-91.92	0.00165
98.99	42.43	0.00052	91.92	35.36	0.00059
84.85	28.28	0.00068	77.78	21.21	0.00078
70.71	14.14	0.00090	63.64	7.07	0.00105
56.57	0.00	0.00125	49.50	-7.07	0.00150
45.96	-10.61	0.00166	42.43	-14.14	0.00184

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

18:33:00
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00198	38.89	-17.68	0.00208

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00221	36.06	-20.51	0.00237
34.65	-21.92	0.00260	21.92	-34.65	0.00375
20.51	-36.06	0.00367	19.09	-37.48	0.00362
17.68	-38.89	0.00358	16.26	-40.31	0.00356
14.14	-42.43	0.00352	10.61	-45.96	0.00346
7.07	-49.50	0.00337	0.00	-56.57	0.00314
-7.07	-63.64	0.00285	-14.14	-70.71	0.00254
-21.21	-77.78	0.00226	-28.28	-84.85	0.00200
-35.36	-91.92	0.00177	-42.43	-98.99	0.00157
106.07	35.36	0.00044	98.99	28.28	0.00049
91.92	21.21	0.00055	84.85	14.14	0.00062
77.78	7.07	0.00070	70.71	0.00	0.00079
63.64	-7.07	0.00088	56.57	-14.14	0.00099
53.03	-17.68	0.00104	49.50	-21.21	0.00109
47.38	-23.33	0.00111	45.96	-24.75	0.00112
44.55	-26.16	0.00114	43.13	-27.58	0.00115
41.72	-28.99	0.00116	28.99	-41.72	0.00223
27.58	-43.13	0.00236	26.16	-44.55	0.00245
24.75	-45.96	0.00253	23.33	-47.38	0.00259
21.21	-49.50	0.00266	17.68	-53.03	0.00271
14.14	-56.57	0.00271	7.07	-63.64	0.00262
0.00	-70.71	0.00245	-7.07	-77.78	0.00224
-14.14	-84.85	0.00202	-21.21	-91.92	0.00182
-28.28	-98.99	0.00163	-35.36	-106.07	0.00147
113.14	28.28	0.00037	106.07	21.21	0.00041
98.99	14.14	0.00045	91.92	7.07	0.00049
84.85	0.00	0.00054	77.78	-7.07	0.00059
70.71	-14.14	0.00064	63.64	-21.21	0.00069
60.10	-24.75	0.00071	56.57	-28.28	0.00074
54.45	-30.41	0.00075	53.03	-31.82	0.00077
51.62	-33.23	0.00079	50.20	-34.65	0.00081
48.79	-36.06	0.00084	36.06	-48.79	0.00135
34.65	-50.20	0.00143	33.23	-51.62	0.00150
31.82	-53.03	0.00158	30.41	-54.45	0.00166
28.28	-56.57	0.00176	24.75	-60.10	0.00190
21.21	-63.64	0.00198	14.14	-70.71	0.00205
7.07	-77.78	0.00200	0.00	-84.85	0.00189
-7.07	-91.92	0.00175	-14.14	-98.99	0.00161
-21.21	-106.07	0.00147	-28.28	-113.14	0.00134

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**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	
120.21	21.21	0.00031	113.14	14.14	0.00034	
106.07	7.07	0.00037	98.99	0.00	0.00040	
91.92	-7.07	0.00043	84.85	-14.14	0.00046	
77.78	-21.21	0.00049	70.71	-28.28	0.00052	
67.18	-31.82	0.00054	63.64	-35.36	0.00057	
61.52	-37.48	0.00059	60.10	-38.89	0.00061	
58.69	-40.31	0.00063	57.28	-41.72	0.00065	
55.86	-43.13	0.00068	43.13	-55.86	0.00100	
41.72	-57.28	0.00103	40.31	-58.69	0.00107	
38.89	-60.10	0.00111	37.48	-61.52	0.00115	
35.36	-63.64	0.00122	31.82	-67.18	0.00132	
28.28	-70.71	0.00141	21.21	-77.78	0.00153	
14.14	-84.85	0.00156	7.07	-91.92	0.00154	
0.00	-98.99	0.00147	-7.07	-106.07	0.00138	
-14.14	-113.14	0.00129	-21.21	-120.21	0.00120	
127.28	14.14	0.00027	120.21	7.07	0.00029	
113.14	0.00	0.00031	106.07	-7.07	0.00033	
98.99	-14.14	0.00034	91.92	-21.21	0.00036	
84.85	-28.28	0.00039	77.78	-35.36	0.00042	
74.25	-38.89	0.00044	70.71	-42.43	0.00047	
68.59	-44.55	0.00049	67.18	-45.96	0.00051	
65.76	-47.38	0.00052	64.35	-48.79	0.00055	
62.93	-50.20	0.00057	50.20	-62.93	0.00079	
48.79	-64.35	0.00081	47.38	-65.76	0.00082	
45.96	-67.18	0.00084	44.55	-68.59	0.00087	
42.43	-70.71	0.00091	38.89	-74.25	0.00097	
35.36	-77.78	0.00104	28.28	-84.85	0.00114	
21.21	-91.92	0.00120	14.14	-98.99	0.00122	
7.07	-106.07	0.00120	0.00	-113.14	0.00116	
-7.07	-120.21	0.00111	-14.14	-127.28	0.00105	
134.35	7.07	0.00023	127.28	0.00	0.00024	
120.21	-7.07	0.00026	113.14	-14.14	0.00027	
106.07	-21.21	0.00028	98.99	-28.28	0.00030	
91.92	-35.36	0.00032	84.85	-42.43	0.00035	
81.32	-45.96	0.00037	77.78	-49.50	0.00040	
75.66	-51.62	0.00041	74.25	-53.03	0.00043	
72.83	-54.45	0.00044	71.42	-55.86	0.00046	
70.00	-57.28	0.00048	57.28	-70.00	0.00064	
55.86	-71.42	0.00066	54.45	-72.83	0.00067	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00068 51.62 -75.66 0.00069

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

18:33:00

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00071	45.96	-81.32	0.00075
42.43	-84.85	0.00079	35.36	-91.92	0.00088
28.28	-98.99	0.00093	21.21	-106.07	0.00096
14.14	-113.14	0.00097	7.07	-120.21	0.00096
0.00	-127.28	0.00094	-7.07	-134.35	0.00090
141.42	0.00	0.00020	134.35	-7.07	0.00021
127.28	-14.14	0.00022	120.21	-21.21	0.00023
113.14	-28.28	0.00024	106.07	-35.36	0.00025
98.99	-42.43	0.00027	91.92	-49.50	0.00030
88.39	-53.03	0.00032	84.85	-56.57	0.00034
82.73	-58.69	0.00036	81.32	-60.10	0.00037
79.90	-61.52	0.00038	78.49	-62.93	0.00039
77.07	-64.35	0.00041	64.35	-77.07	0.00053
62.93	-78.49	0.00054	61.52	-79.90	0.00055
60.10	-81.32	0.00056	58.69	-82.73	0.00056
56.57	-84.85	0.00057	53.03	-88.39	0.00060
49.50	-91.92	0.00063	42.43	-98.99	0.00069
35.36	-106.07	0.00074	28.28	-113.14	0.00077
21.21	-120.21	0.00079	14.14	-127.28	0.00079
7.07	-134.35	0.00079	0.00	-141.42	0.00077
148.49	-7.07	0.00017	141.42	-14.14	0.00018
134.35	-21.21	0.00019	127.28	-28.28	0.00019
120.21	-35.36	0.00020	113.14	-42.43	0.00022
106.07	-49.50	0.00023	98.99	-56.57	0.00026
95.46	-60.10	0.00028	91.92	-63.64	0.00030
89.80	-65.76	0.00031	88.39	-67.18	0.00032
86.97	-68.59	0.00033	85.56	-70.00	0.00034
84.15	-71.42	0.00035	71.42	-84.15	0.00045
70.00	-85.56	0.00046	68.59	-86.97	0.00046
67.18	-88.39	0.00047	65.76	-89.80	0.00047
63.64	-91.92	0.00048	60.10	-95.46	0.00049
56.57	-98.99	0.00051	49.50	-106.07	0.00055
42.43	-113.14	0.00060	35.36	-120.21	0.00063

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00065	21.21	-134.35	0.00066
14.14	-141.42	0.00066	7.07	-148.49	0.00065
155.56	-14.14	0.00015	148.49	-21.21	0.00015
141.42	-28.28	0.00016	134.35	-35.36	0.00017
127.28	-42.43	0.00018	120.21	-49.50	0.00019
113.14	-56.57	0.00021	106.07	-63.64	0.00023
102.53	-67.18	0.00024	98.99	-70.71	0.00026

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

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

18:33:00

**MODELOPTs:
 PAGE 77

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
96.87	-72.83	0.00027	95.46	-74.25	0.00028
94.05	-75.66	0.00029	92.63	-77.07	0.00030
91.22	-78.49	0.00031	78.49	-91.22	0.00038
77.07	-92.63	0.00039	75.66	-94.05	0.00039
74.25	-95.46	0.00040	72.83	-96.87	0.00040
70.71	-98.99	0.00040	67.18	-102.53	0.00041
63.64	-106.07	0.00043	56.57	-113.14	0.00046
49.50	-120.21	0.00049	42.43	-127.28	0.00052
35.36	-134.35	0.00054	28.28	-141.42	0.00055
21.21	-148.49	0.00056	14.14	-155.56	0.00056
162.63	-21.21	0.00013	155.56	-28.28	0.00014
148.49	-35.36	0.00014	141.42	-42.43	0.00015
134.35	-49.50	0.00016	127.28	-56.57	0.00017
120.21	-63.64	0.00018	113.14	-70.71	0.00020
109.60	-74.25	0.00022	106.07	-77.78	0.00023
103.94	-79.90	0.00024	102.53	-81.32	0.00025
101.12	-82.73	0.00025	99.70	-84.15	0.00026
98.29	-85.56	0.00027	85.56	-98.29	0.00033
84.15	-99.70	0.00033	82.73	-101.12	0.00034
81.32	-102.53	0.00034	79.90	-103.94	0.00034
77.78	-106.07	0.00035	74.25	-109.60	0.00035
70.71	-113.14	0.00036	63.64	-120.21	0.00038
56.57	-127.28	0.00041	49.50	-134.35	0.00043
42.43	-141.42	0.00045	35.36	-148.49	0.00047
28.28	-155.56	0.00048	21.21	-162.63	0.00048
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00013

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00014	134.35	-63.64	0.00015
127.28	-70.71	0.00017	120.21	-77.78	0.00018
116.67	-81.32	0.00019	113.14	-84.85	0.00020
111.02	-86.97	0.00021	109.60	-88.39	0.00022
108.19	-89.80	0.00022	106.77	-91.22	0.00023
105.36	-92.63	0.00024	92.63	-105.36	0.00029
91.22	-106.77	0.00029	89.80	-108.19	0.00029
88.39	-109.60	0.00030	86.97	-111.02	0.00030
84.85	-113.14	0.00030	81.32	-116.67	0.00031
77.78	-120.21	0.00031	70.71	-127.28	0.00033
63.64	-134.35	0.00035	56.57	-141.42	0.00037
49.50	-148.49	0.00039	42.43	-155.56	0.00040
35.36	-162.63	0.00041	28.28	-169.71	0.00041

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00010	169.71	-42.43	0.00011
162.63	-49.50	0.00011	155.56	-56.57	0.00012
148.49	-63.64	0.00013	141.42	-70.71	0.00014
134.35	-77.78	0.00015	127.28	-84.85	0.00016
123.74	-88.39	0.00017	120.21	-91.92	0.00018
118.09	-94.05	0.00019	116.67	-95.46	0.00020
115.26	-96.87	0.00020	113.84	-98.29	0.00021
112.43	-99.70	0.00021	99.70	-112.43	0.00025
98.29	-113.84	0.00025	96.87	-115.26	0.00026
95.46	-116.67	0.00026	94.05	-118.09	0.00026
91.92	-120.21	0.00026	88.39	-123.74	0.00027
84.85	-127.28	0.00027	77.78	-134.35	0.00028
70.71	-141.42	0.00030	63.64	-148.49	0.00031
56.57	-155.56	0.00033	49.50	-162.63	0.00034
42.43	-169.71	0.00035	35.36	-176.78	0.00036
183.85	-42.43	0.00009	176.78	-49.50	0.00010
169.71	-56.57	0.00010	162.63	-63.64	0.00011
155.56	-70.71	0.00012	148.49	-77.78	0.00012
141.42	-84.85	0.00014	134.35	-91.92	0.00015
130.81	-95.46	0.00016	127.28	-98.99	0.00017
125.16	-101.12	0.00017	123.74	-102.53	0.00018

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00018	120.92	-105.36	0.00018
119.50	-106.77	0.00019	106.77	-119.50	0.00022
105.36	-120.92	0.00022	103.94	-122.33	0.00023
102.53	-123.74	0.00023	101.12	-125.16	0.00023
98.99	-127.28	0.00023	95.46	-130.81	0.00024
91.92	-134.35	0.00024	84.85	-141.42	0.00025
77.78	-148.49	0.00026	70.71	-155.56	0.00027
63.64	-162.63	0.00029	56.57	-169.71	0.00030
49.50	-176.78	0.00031	42.43	-183.85	0.00032
190.92	-49.50	0.00008	183.85	-56.57	0.00009
176.78	-63.64	0.00009	169.71	-70.71	0.00010
162.63	-77.78	0.00011	155.56	-84.85	0.00011
148.49	-91.92	0.00012	141.42	-98.99	0.00013
137.89	-102.53	0.00014	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00016
129.40	-111.02	0.00016	127.99	-112.43	0.00017
126.57	-113.84	0.00017	113.84	-126.57	0.00020
112.43	-127.99	0.00020	111.02	-129.40	0.00020
109.60	-130.81	0.00020	108.19	-132.23	0.00021

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00021	102.53	-137.89	0.00021
98.99	-141.42	0.00021	91.92	-148.49	0.00022
84.85	-155.56	0.00023	77.78	-162.63	0.00024
70.71	-169.71	0.00025	63.64	-176.78	0.00026
56.57	-183.85	0.00027	49.50	-190.92	0.00028
197.99	-56.57	0.00008	190.92	-63.64	0.00008
183.85	-70.71	0.00009	176.78	-77.78	0.00009
169.71	-84.85	0.00010	162.63	-91.92	0.00010
155.56	-98.99	0.00011	148.49	-106.07	0.00012
144.96	-109.60	0.00013	141.42	-113.14	0.00014
139.30	-115.26	0.00014	137.89	-116.67	0.00014
136.47	-118.09	0.00015	135.06	-119.50	0.00015
133.64	-120.92	0.00015	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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00019	109.60	-144.96	0.00019
106.07	-148.49	0.00019	98.99	-155.56	0.00020
91.92	-162.63	0.00020	84.85	-169.71	0.00021
77.78	-176.78	0.00022	70.71	-183.85	0.00023
63.64	-190.92	0.00024	56.57	-197.99	0.00025
205.06	-63.64	0.00007	197.99	-70.71	0.00008
190.92	-77.78	0.00008	183.85	-84.85	0.00008
176.78	-91.92	0.00009	169.71	-98.99	0.00010
162.63	-106.07	0.00010	155.56	-113.14	0.00011
152.03	-116.67	0.00012	148.49	-120.21	0.00012
146.37	-122.33	0.00013	144.96	-123.74	0.00013
143.54	-125.16	0.00013	142.13	-126.57	0.00014
140.71	-127.99	0.00014	127.99	-140.71	0.00016
126.57	-142.13	0.00016	125.16	-143.54	0.00016
123.74	-144.96	0.00016	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	0.00018
98.99	-169.71	0.00018	91.92	-176.78	0.00019
84.85	-183.85	0.00019	77.78	-190.92	0.00020
70.71	-197.99	0.00021	63.64	-205.06	0.00022
212.13	-70.71	0.00007	205.06	-77.78	0.00007
197.99	-84.85	0.00007	190.92	-91.92	0.00008
183.85	-98.99	0.00008	176.78	-106.07	0.00009
169.71	-113.14	0.00010	162.63	-120.21	0.00010
159.10	-123.74	0.00011	155.56	-127.28	0.00011

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

18:33:00
 **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	0.00012	152.03	-130.81	0.00012
150.61	-132.23	0.00012	149.20	-133.64	0.00012
147.79	-135.06	0.00013	135.06	-147.79	0.00014
133.64	-149.20	0.00015	132.23	-150.61	0.00015
130.81	-152.03	0.00015	129.40	-153.44	0.00015
127.28	-155.56	0.00015	123.74	-159.10	0.00015
120.21	-162.63	0.00016	113.14	-169.71	0.00016
106.07	-176.78	0.00016	98.99	-183.85	0.00017
91.92	-190.92	0.00017	84.85	-197.99	0.00018

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00019	70.71	-212.13	0.00019
219.20	-77.78	0.00006	212.13	-84.85	0.00007
205.06	-91.92	0.00007	197.99	-98.99	0.00007
190.92	-106.07	0.00008	183.85	-113.14	0.00008
176.78	-120.21	0.00009	169.71	-127.28	0.00010
166.17	-130.81	0.00010	162.63	-134.35	0.00011
160.51	-136.47	0.00011	159.10	-137.89	0.00011
157.68	-139.30	0.00011	156.27	-140.71	0.00011
154.86	-142.13	0.00012	142.13	-154.86	0.00013
140.71	-156.27	0.00013	139.30	-157.68	0.00013
137.89	-159.10	0.00014	136.47	-160.51	0.00014
134.35	-162.63	0.00014	130.81	-166.17	0.00014
127.28	-169.71	0.00014	120.21	-176.78	0.00014
113.14	-183.85	0.00015	106.07	-190.92	0.00015
98.99	-197.99	0.00016	91.92	-205.06	0.00016
84.85	-212.13	0.00017	77.78	-219.20	0.00017
226.27	-84.85	0.00006	219.20	-91.92	0.00006
212.13	-98.99	0.00006	205.06	-106.07	0.00007
197.99	-113.14	0.00007	190.92	-120.21	0.00008
183.85	-127.28	0.00008	176.78	-134.35	0.00009
173.24	-137.89	0.00009	169.71	-141.42	0.00010
167.58	-143.54	0.00010	166.17	-144.96	0.00010
164.76	-146.37	0.00010	163.34	-147.79	0.00011
161.93	-149.20	0.00011	149.20	-161.93	0.00012
147.79	-163.34	0.00012	146.37	-164.76	0.00012
144.96	-166.17	0.00012	143.54	-167.58	0.00012
141.42	-169.71	0.00013	137.89	-173.24	0.00013
134.35	-176.78	0.00013	127.28	-183.85	0.00013
120.21	-190.92	0.00013	113.14	-197.99	0.00014
106.07	-205.06	0.00014	98.99	-212.13	0.00015
91.92	-219.20	0.00015	84.85	-226.27	0.00016

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

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

18:33:00

**MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00005	226.27	-98.99	0.00006
219.20	-106.07	0.00006	212.13	-113.14	0.00006
205.06	-120.21	0.00007	197.99	-127.28	0.00007

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00008	183.85	-141.42	0.00008
180.31	-144.96	0.00009	176.78	-148.49	0.00009
174.66	-150.61	0.00009	173.24	-152.03	0.00009
171.83	-153.44	0.00010	170.41	-154.86	0.00010
169.00	-156.27	0.00010	156.27	-169.00	0.00011
154.86	-170.41	0.00011	153.44	-171.83	0.00011
152.03	-173.24	0.00011	150.61	-174.66	0.00011
148.49	-176.78	0.00012	144.96	-180.31	0.00012
141.42	-183.85	0.00012	134.35	-190.92	0.00012
127.28	-197.99	0.00012	120.21	-205.06	0.00013
113.14	-212.13	0.00013	106.07	-219.20	0.00013
98.99	-226.27	0.00014	91.92	-233.35	0.00014
240.42	-98.99	0.00005	233.35	-106.07	0.00005
226.27	-113.14	0.00006	219.20	-120.21	0.00006
212.13	-127.28	0.00006	205.06	-134.35	0.00007
197.99	-141.42	0.00007	190.92	-148.49	0.00008
187.38	-152.03	0.00008	183.85	-155.56	0.00008
181.73	-157.68	0.00009	180.31	-159.10	0.00009
178.90	-160.51	0.00009	177.48	-161.93	0.00009
176.07	-163.34	0.00009	163.34	-176.07	0.00010
161.93	-177.48	0.00010	160.51	-178.90	0.00010
159.10	-180.31	0.00010	157.68	-181.73	0.00011
155.56	-183.85	0.00011	152.03	-187.38	0.00011
148.49	-190.92	0.00011	141.42	-197.99	0.00011
134.35	-205.06	0.00011	127.28	-212.13	0.00012
120.21	-219.20	0.00012	113.14	-226.27	0.00012
106.07	-233.35	0.00012	98.99	-240.42	0.00013
247.49	-106.07	0.00005	240.42	-113.14	0.00005
233.35	-120.21	0.00005	226.27	-127.28	0.00006
219.20	-134.35	0.00006	212.13	-141.42	0.00006
205.06	-148.49	0.00007	197.99	-155.56	0.00007
194.45	-159.10	0.00008	190.92	-162.63	0.00008
188.80	-164.76	0.00008	187.38	-166.17	0.00008
185.97	-167.58	0.00008	184.55	-169.00	0.00008
183.14	-170.41	0.00009	170.41	-183.14	0.00009
169.00	-184.55	0.00010	167.58	-185.97	0.00010
166.17	-187.38	0.00010	164.76	-188.80	0.00010

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

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

18:33:00

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

18:33:00
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00058	-113.14	240.42	0.00056
-120.21	233.35	0.00053	-127.28	226.27	0.00049
-134.35	219.20	0.00045	-141.42	212.13	0.00041
-148.49	205.06	0.00038	-155.56	197.99	0.00036
-159.10	194.45	0.00034	-162.63	190.92	0.00033
-164.76	188.80	0.00032	-166.17	187.38	0.00031
-167.58	185.97	0.00031	-169.00	184.55	0.00031
-170.41	183.14	0.00030	-183.14	170.41	0.00028
-184.55	169.00	0.00028	-185.97	167.58	0.00027
-187.38	166.17	0.00027	-188.80	164.76	0.00027
-190.92	162.63	0.00026	-194.45	159.10	0.00026
-197.99	155.56	0.00025	-205.06	148.49	0.00023
-212.13	141.42	0.00022	-219.20	134.35	0.00020
-226.27	127.28	0.00020	-233.35	120.21	0.00020
-240.42	113.14	0.00020	-247.49	106.07	0.00021
-98.99	240.42	0.00066	-106.07	233.35	0.00065
-113.14	226.27	0.00062	-120.21	219.20	0.00058
-127.28	212.13	0.00053	-134.35	205.06	0.00049
-141.42	197.99	0.00045	-148.49	190.92	0.00041
-152.03	187.38	0.00039	-155.56	183.85	0.00038
-157.68	181.73	0.00036	-159.10	180.31	0.00036
-160.51	178.90	0.00035	-161.93	177.48	0.00035
-163.34	176.07	0.00034	-176.07	163.34	0.00031
-177.48	161.93	0.00031	-178.90	160.51	0.00031
-180.31	159.10	0.00030	-181.73	157.68	0.00030
-183.85	155.56	0.00029	-187.38	152.03	0.00028

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00027	-197.99	141.42	0.00025
-205.06	134.35	0.00024	-212.13	127.28	0.00023
-219.20	120.21	0.00022	-226.27	113.14	0.00023
-233.35	106.07	0.00023	-240.42	98.99	0.00024
-91.92	233.35	0.00075	-99.00	226.27	0.00075
-106.07	219.20	0.00074	-113.14	212.13	0.00070
-120.21	205.06	0.00064	-127.28	197.99	0.00058
-134.35	190.92	0.00052	-141.42	183.85	0.00048
-144.96	180.31	0.00046	-148.49	176.78	0.00043
-150.61	174.66	0.00042	-152.03	173.24	0.00041
-153.44	171.83	0.00040	-154.86	170.41	0.00040
-156.27	169.00	0.00039	-169.00	156.27	0.00035
-170.41	154.86	0.00035	-171.83	153.44	0.00035
-173.24	152.03	0.00034	-174.66	150.61	0.00034

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00033	-180.31	144.96	0.00032
-183.85	141.42	0.00030	-190.92	134.35	0.00028
-197.99	127.28	0.00026	-205.06	120.21	0.00026
-212.13	113.14	0.00026	-219.20	106.07	0.00026
-226.27	98.99	0.00027	-233.35	91.92	0.00027
-84.85	226.27	0.00085	-91.92	219.20	0.00087
-99.00	212.13	0.00087	-106.07	205.06	0.00084
-113.14	197.99	0.00078	-120.21	190.92	0.00070
-127.28	183.85	0.00063	-134.35	176.78	0.00056
-137.89	173.24	0.00054	-141.42	169.71	0.00051
-143.54	167.58	0.00049	-144.96	166.17	0.00048
-146.37	164.76	0.00047	-147.79	163.34	0.00046
-149.20	161.93	0.00045	-161.93	149.20	0.00040
-163.34	147.79	0.00040	-164.76	146.37	0.00039
-166.17	144.96	0.00039	-167.58	143.54	0.00038
-169.71	141.42	0.00037	-173.24	137.89	0.00036
-176.78	134.35	0.00034	-183.85	127.28	0.00031
-190.92	120.21	0.00030	-197.99	113.14	0.00030
-205.06	106.07	0.00030	-212.13	98.99	0.00031
-219.20	91.92	0.00031	-226.27	84.85	0.00032

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00094	-84.85	212.13	0.00099
-91.92	205.06	0.00101	-99.00	197.99	0.00101
-106.07	190.92	0.00096	-113.14	183.85	0.00088
-120.21	176.78	0.00077	-127.28	169.71	0.00068
-130.81	166.17	0.00064	-134.35	162.63	0.00060
-136.47	160.51	0.00058	-137.89	159.10	0.00056
-139.30	157.68	0.00055	-140.71	156.27	0.00054
-142.13	154.86	0.00052	-154.86	142.13	0.00046
-156.27	140.71	0.00045	-157.68	139.30	0.00045
-159.10	137.89	0.00044	-160.51	136.47	0.00043
-162.63	134.35	0.00042	-166.17	130.81	0.00040
-169.71	127.28	0.00038	-176.78	120.21	0.00036
-183.85	113.14	0.00035	-190.92	106.07	0.00035
-197.99	98.99	0.00036	-205.06	91.92	0.00036
-212.13	84.85	0.00037	-219.20	77.78	0.00037
-70.71	212.13	0.00103	-77.78	205.06	0.00111
-84.85	197.99	0.00117	-91.92	190.92	0.00120
-98.99	183.85	0.00118	-106.07	176.78	0.00110
-113.14	169.71	0.00098	-120.21	162.63	0.00084
-123.74	159.10	0.00078	-127.28	155.56	0.00073

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

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

18:33:00

**MODELOPTS:
 PAGE 85

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00070	-130.81	152.03	0.00068
-132.23	150.61	0.00066	-133.64	149.20	0.00064
-135.06	147.79	0.00062	-147.79	135.06	0.00053
-149.20	133.64	0.00052	-150.61	132.23	0.00052
-152.03	130.81	0.00051	-153.44	129.40	0.00050
-155.56	127.28	0.00048	-159.10	123.74	0.00046
-162.63	120.21	0.00044	-169.71	113.14	0.00041
-176.78	106.07	0.00041	-183.85	98.99	0.00042
-190.92	91.92	0.00043	-197.99	84.85	0.00043
-205.06	77.78	0.00043	-212.13	70.71	0.00043
-63.64	205.06	0.00112	-70.71	197.99	0.00123
-77.78	190.92	0.00133	-84.85	183.85	0.00141
-91.92	176.78	0.00144	-98.99	169.71	0.00140
-106.07	162.63	0.00127	-113.14	155.56	0.00108

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00099	-120.21	148.49	0.00090
-122.33	146.37	0.00086	-123.74	144.96	0.00083
-125.16	143.54	0.00080	-126.57	142.13	0.00077
-127.99	140.71	0.00075	-140.71	127.99	0.00062
-142.13	126.57	0.00061	-143.54	125.16	0.00060
-144.96	123.74	0.00058	-146.37	122.33	0.00057
-148.49	120.21	0.00055	-152.03	116.67	0.00052
-155.56	113.14	0.00050	-162.63	106.07	0.00049
-169.71	98.99	0.00050	-176.78	91.92	0.00051
-183.85	84.85	0.00052	-190.92	77.78	0.00052
-197.99	70.71	0.00051	-205.06	63.64	0.00050
-56.57	197.99	0.00119	-63.64	190.92	0.00133
-70.71	183.85	0.00148	-77.78	176.78	0.00162
-84.85	169.71	0.00173	-91.92	162.63	0.00176
-98.99	155.56	0.00168	-106.07	148.49	0.00146
-109.60	144.96	0.00131	-113.14	141.42	0.00117
-115.26	139.30	0.00109	-116.67	137.89	0.00105
-118.09	136.47	0.00100	-119.50	135.06	0.00096
-120.92	133.64	0.00092	-133.64	120.92	0.00073
-135.06	119.50	0.00071	-136.47	118.09	0.00069
-137.89	116.67	0.00068	-139.30	115.26	0.00066
-141.42	113.14	0.00064	-144.96	109.60	0.00061
-148.49	106.07	0.00060	-155.56	98.99	0.00060
-162.63	91.92	0.00062	-169.71	84.85	0.00063
-176.78	77.78	0.00063	-183.85	70.71	0.00062
-190.92	63.64	0.00060	-197.99	56.57	0.00058

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

04/20/08

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

18:33:00

**MODELOPTS:

PAGE 86

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00124	-56.57	183.85	0.00142
-63.64	176.78	0.00161	-70.71	169.71	0.00181
-77.78	162.63	0.00200	-84.85	155.56	0.00215
-91.92	148.49	0.00220	-98.99	141.42	0.00203
-102.53	137.89	0.00184	-106.07	134.35	0.00162
-108.19	132.23	0.00148	-109.60	130.81	0.00139
-111.02	129.40	0.00131	-112.43	127.99	0.00123
-113.84	126.57	0.00117	-126.57	113.84	0.00086

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00083	-129.40	111.02	0.00081
-130.81	109.60	0.00079	-132.23	108.19	0.00077
-134.35	106.07	0.00075	-137.89	102.53	0.00074
-141.42	98.99	0.00074	-148.49	91.92	0.00076
-155.56	84.85	0.00078	-162.63	77.78	0.00078
-169.71	70.71	0.00077	-176.78	63.64	0.00075
-183.85	56.57	0.00071	-190.92	49.50	0.00068
-42.43	183.85	0.00128	-49.50	176.78	0.00149
-56.57	169.71	0.00172	-63.64	162.63	0.00198
-70.71	155.56	0.00226	-77.78	148.49	0.00253
-84.85	141.42	0.00275	-91.92	134.35	0.00280
-95.46	130.81	0.00268	-98.99	127.28	0.00241
-101.12	125.16	0.00219	-102.53	123.74	0.00203
-103.94	122.33	0.00187	-105.36	120.92	0.00171
-106.77	119.50	0.00157	-119.50	106.77	0.00101
-120.92	105.36	0.00099	-122.33	103.94	0.00096
-123.74	102.53	0.00094	-125.16	101.12	0.00093
-127.28	98.99	0.00093	-130.81	95.46	0.00094
-134.35	91.92	0.00096	-141.42	84.85	0.00099
-148.49	77.78	0.00099	-155.56	70.71	0.00098
-162.63	63.64	0.00095	-169.71	56.57	0.00090
-176.78	49.50	0.00085	-183.85	42.43	0.00079
-35.36	176.78	0.00130	-42.43	169.71	0.00152
-49.50	162.63	0.00179	-56.57	155.56	0.00211
-63.64	148.49	0.00247	-70.71	141.42	0.00286
-77.78	134.35	0.00326	-84.85	127.28	0.00360
-88.39	123.74	0.00369	-91.92	120.21	0.00362
-94.05	118.09	0.00345	-95.46	116.67	0.00326
-96.87	115.26	0.00302	-98.29	113.84	0.00273
-99.70	112.43	0.00243	-112.43	99.70	0.00123
-113.84	98.29	0.00121	-115.26	96.87	0.00120
-116.67	95.46	0.00121	-118.09	94.05	0.00121

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

18:33:00
 **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
-120.21	91.92	0.00123	-123.74	88.39	0.00126
-127.28	84.85	0.00129	-134.35	77.78	0.00131

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00129	-148.49	63.64	0.00124
-155.56	56.57	0.00116	-162.63	49.50	0.00108
-169.71	42.43	0.00100	-176.78	35.36	0.00092
-28.28	169.71	0.00128	-35.36	162.63	0.00152
-42.43	155.56	0.00182	-49.50	148.49	0.00218
-56.57	141.42	0.00261	-63.64	134.35	0.00311
-70.71	127.28	0.00367	-77.78	120.21	0.00426
-81.32	116.67	0.00456	-84.85	113.14	0.00479
-86.97	111.02	0.00486	-88.39	109.60	0.00486
-89.80	108.19	0.00482	-91.22	106.77	0.00468
-92.63	105.36	0.00440	-105.36	92.63	0.00172
-106.77	91.22	0.00173	-108.19	89.80	0.00174
-109.60	88.39	0.00175	-111.02	86.97	0.00176
-113.14	84.85	0.00178	-116.67	81.32	0.00179
-120.21	77.78	0.00179	-127.28	70.71	0.00175
-134.35	63.64	0.00166	-141.42	56.57	0.00154
-148.49	49.50	0.00141	-155.56	42.43	0.00128
-162.63	35.36	0.00116	-169.71	28.28	0.00105
-21.21	162.63	0.00125	-28.28	155.56	0.00149
-35.36	148.49	0.00180	-42.43	141.42	0.00219
-49.50	134.35	0.00267	-56.57	127.28	0.00325
-63.64	120.21	0.00393	-70.71	113.14	0.00469
-74.25	109.60	0.00510	-77.78	106.07	0.00548
-79.90	103.94	0.00566	-81.32	102.53	0.00575
-82.73	101.12	0.00581	-84.15	99.70	0.00589
-85.56	98.29	0.00589	-98.29	85.56	0.00322
-99.70	84.15	0.00303	-101.12	82.73	0.00290
-102.53	81.32	0.00280	-103.94	79.90	0.00273
-106.07	77.78	0.00265	-109.60	74.25	0.00254
-113.14	70.71	0.00246	-120.21	63.64	0.00228
-127.28	56.57	0.00209	-134.35	49.50	0.00188
-141.42	42.43	0.00168	-148.49	35.36	0.00150
-155.56	28.28	0.00133	-162.63	21.21	0.00119
-14.14	155.56	0.00119	-21.21	148.49	0.00143
-28.28	141.42	0.00173	-35.36	134.35	0.00213
-42.43	127.28	0.00263	-49.50	120.21	0.00326
-56.57	113.14	0.00402	-63.64	106.07	0.00487
-67.18	102.53	0.00531	-70.71	98.99	0.00574

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

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

18:33:00
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00594	-74.25	95.46	0.00603
-75.66	94.05	0.00608	-77.07	92.63	0.00612
-78.49	91.22	0.00613	-91.22	78.49	0.00405
-92.63	77.07	0.00392	-94.05	75.66	0.00382
-95.46	74.25	0.00372	-96.87	72.83	0.00364
-98.99	70.71	0.00353	-102.53	67.18	0.00335
-106.07	63.64	0.00318	-113.14	56.57	0.00285
-120.21	49.50	0.00253	-127.28	42.43	0.00223
-134.35	35.36	0.00195	-141.42	28.28	0.00171
-148.49	21.21	0.00150	-155.56	14.14	0.00133
-7.07	148.49	0.00111	-14.14	141.42	0.00133
-21.21	134.35	0.00162	-28.28	127.28	0.00200
-35.36	120.21	0.00250	-42.43	113.14	0.00315
-49.50	106.07	0.00395	-56.57	98.99	0.00487
-60.10	95.46	0.00533	-63.64	91.92	0.00577
-65.76	89.80	0.00599	-67.18	88.39	0.00609
-68.59	86.97	0.00614	-70.00	85.56	0.00616
-71.42	84.15	0.00618	-84.15	71.42	0.00435
-85.56	70.00	0.00426	-86.97	68.59	0.00420
-88.39	67.18	0.00415	-89.80	65.76	0.00410
-91.92	63.64	0.00402	-95.46	60.10	0.00388
-98.99	56.57	0.00373	-106.07	49.50	0.00335
-113.14	42.43	0.00294	-120.21	35.36	0.00255
-127.28	28.28	0.00220	-134.35	21.21	0.00191
-141.42	14.14	0.00166	-148.49	7.07	0.00145
0.00	141.42	0.00102	-7.07	134.35	0.00122
-14.14	127.28	0.00148	-21.21	120.21	0.00182
-28.28	113.14	0.00229	-35.36	106.07	0.00292
-42.43	98.99	0.00374	-49.50	91.92	0.00472
-53.03	88.39	0.00522	-56.57	84.85	0.00567
-58.69	82.73	0.00591	-60.10	81.32	0.00602
-61.52	79.90	0.00610	-62.93	78.49	0.00613
-64.35	77.07	0.00615	-77.07	64.35	0.00447
-78.49	62.93	0.00441	-79.90	61.52	0.00437
-81.32	60.10	0.00434	-82.73	58.69	0.00431
-84.85	56.57	0.00427	-88.39	53.03	0.00418
-91.92	49.50	0.00404	-98.99	42.43	0.00367
-106.07	35.36	0.00324	-113.14	28.28	0.00280
-120.21	21.21	0.00241	-127.28	14.14	0.00208
-134.35	7.07	0.00180	-141.42	0.00	0.00156

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTS:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00092	0.00	127.28	0.00110
-7.07	120.21	0.00132	-14.14	113.14	0.00162
-21.21	106.07	0.00202	-28.28	98.99	0.00258
-35.36	91.92	0.00337	-42.43	84.85	0.00439
-45.96	81.32	0.00495	-49.50	77.78	0.00547
-51.62	75.66	0.00572	-53.03	74.25	0.00586
-54.45	72.83	0.00596	-55.86	71.42	0.00601
-57.28	70.00	0.00604	-70.00	57.28	0.00452
-71.42	55.86	0.00446	-72.83	54.45	0.00443
-74.25	53.03	0.00441	-75.66	51.62	0.00440
-77.78	49.50	0.00438	-81.32	45.96	0.00432
-84.85	42.43	0.00420	-91.92	35.36	0.00383
-98.99	28.28	0.00339	-106.07	21.21	0.00295
-113.14	14.14	0.00255	-120.21	7.07	0.00220
-127.28	0.00	0.00190	-134.35	-7.07	0.00165
14.14	127.28	0.00082	7.07	120.21	0.00097
0.00	113.14	0.00116	-7.07	106.07	0.00140
-14.14	98.99	0.00173	-21.21	91.92	0.00219
-28.28	84.85	0.00286	-35.36	77.78	0.00383
-38.89	74.25	0.00443	-42.43	70.71	0.00505
-44.55	68.59	0.00538	-45.96	67.18	0.00555
-47.38	65.76	0.00569	-48.79	64.35	0.00578
-50.20	62.93	0.00582	-62.93	50.20	0.00449
-64.35	48.79	0.00444	-65.76	47.38	0.00442
-67.18	45.96	0.00441	-68.59	44.55	0.00441
-70.71	42.43	0.00439	-74.25	38.89	0.00433
-77.78	35.36	0.00422	-84.85	28.28	0.00386
-91.92	21.21	0.00343	-98.99	14.14	0.00300
-106.07	7.07	0.00260	-113.14	0.00	0.00225
-120.21	-7.07	0.00195	-127.28	-14.14	0.00169
21.21	120.21	0.00072	14.14	113.14	0.00083
7.07	106.07	0.00098	0.00	98.99	0.00118
-7.07	91.92	0.00144	-14.14	84.85	0.00178
-21.21	77.78	0.00228	-28.28	70.71	0.00305

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00360	-35.36	63.64	0.00427
-37.48	61.52	0.00468	-38.89	60.10	0.00494
-40.31	58.69	0.00515	-41.72	57.28	0.00532
-43.13	55.86	0.00544	-55.86	43.13	0.00440
-57.28	41.72	0.00435	-58.69	40.31	0.00434
-60.10	38.89	0.00433	-61.52	37.48	0.00432

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

18:33:00
 **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
-63.64	35.36	0.00430	-67.18	31.82	0.00422
-70.71	28.28	0.00410	-77.78	21.21	0.00376
-84.85	14.14	0.00335	-91.92	7.07	0.00294
-98.99	0.00	0.00256	-106.07	-7.07	0.00223
-113.14	-14.14	0.00194	-120.21	-21.21	0.00169
28.28	113.14	0.00061	21.21	106.07	0.00071
14.14	98.99	0.00082	7.07	91.92	0.00097
0.00	84.85	0.00115	-7.07	77.78	0.00140
-14.14	70.71	0.00173	-21.21	63.64	0.00222
-24.75	60.10	0.00257	-28.28	56.57	0.00304
-30.41	54.45	0.00341	-31.82	53.03	0.00369
-33.23	51.62	0.00399	-34.65	50.20	0.00430
-36.06	48.79	0.00458	-48.79	36.06	0.00423
-50.20	34.65	0.00417	-51.62	33.23	0.00414
-53.03	31.82	0.00411	-54.45	30.41	0.00409
-56.57	28.28	0.00404	-60.10	24.75	0.00395
-63.64	21.21	0.00384	-70.71	14.14	0.00352
-77.78	7.07	0.00315	-84.85	0.00	0.00278
-91.92	-7.07	0.00244	-98.99	-14.14	0.00214
-106.07	-21.21	0.00188	-113.14	-28.28	0.00165
35.36	106.07	0.00052	28.28	98.99	0.00059
21.21	91.92	0.00068	14.14	84.85	0.00078
7.07	77.78	0.00090	0.00	70.71	0.00105
-7.07	63.64	0.00125	-14.14	56.57	0.00150
-17.68	53.03	0.00166	-21.21	49.50	0.00184
-23.33	47.38	0.00198	-24.75	45.96	0.00208
-26.16	44.55	0.00221	-27.58	43.13	0.00237
-28.99	41.72	0.00260	-41.72	28.99	0.00375

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00367	-44.55	26.16	0.00362
-45.96	24.75	0.00358	-47.38	23.33	0.00356
-49.50	21.21	0.00352	-53.03	17.68	0.00346
-56.57	14.14	0.00337	-63.64	7.07	0.00314
-70.71	0.00	0.00285	-77.78	-7.07	0.00254
-84.85	-14.14	0.00226	-91.92	-21.21	0.00200
-98.99	-28.28	0.00177	-106.07	-35.36	0.00157
42.43	98.99	0.00044	35.36	91.92	0.00049
28.28	84.85	0.00055	21.21	77.78	0.00062
14.14	70.71	0.00070	7.07	63.64	0.00079
0.00	56.57	0.00088	-7.07	49.50	0.00099
-10.61	45.96	0.00104	-14.14	42.43	0.00109

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

18:33:00
 **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
-16.26	40.31	0.00111	-17.68	38.89	0.00112
-19.09	37.48	0.00113	-20.51	36.06	0.00115
-21.92	34.65	0.00116	-34.65	21.92	0.00223
-36.06	20.51	0.00236	-37.48	19.09	0.00245
-38.89	17.68	0.00253	-40.31	16.26	0.00259
-42.43	14.14	0.00266	-45.96	10.61	0.00271
-49.50	7.07	0.00271	-56.57	0.00	0.00262
-63.64	-7.07	0.00245	-70.71	-14.14	0.00224
-77.78	-21.21	0.00202	-84.85	-28.28	0.00182
-91.92	-35.36	0.00163	-98.99	-42.43	0.00147
49.50	91.92	0.00037	42.43	84.85	0.00041
35.36	77.78	0.00045	28.28	70.71	0.00049
21.21	63.64	0.00054	14.14	56.57	0.00059
7.07	49.50	0.00064	0.00	42.43	0.00069
-3.54	38.89	0.00071	-7.07	35.36	0.00074
-9.19	33.23	0.00075	-10.61	31.82	0.00077
-12.02	30.41	0.00079	-13.44	28.99	0.00081
-14.85	27.58	0.00084	-27.58	14.85	0.00135
-28.99	13.44	0.00143	-30.41	12.02	0.00150
-31.82	10.61	0.00158	-33.23	9.19	0.00166
-35.36	7.07	0.00176	-38.89	3.54	0.00190
-42.43	0.00	0.00198	-49.50	-7.07	0.00205

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00200	-63.64	-21.21	0.00189
-70.71	-28.28	0.00175	-77.78	-35.36	0.00161
-84.85	-42.43	0.00147	-91.92	-49.50	0.00134
56.57	84.85	0.00031	49.50	77.78	0.00034
42.43	70.71	0.00037	35.36	63.64	0.00040
28.28	56.57	0.00043	21.21	49.50	0.00046
14.14	42.43	0.00049	7.07	35.36	0.00052
3.54	31.82	0.00054	0.00	28.28	0.00057
-2.12	26.16	0.00059	-3.54	24.75	0.00061
-4.95	23.33	0.00063	-6.36	21.92	0.00065
-7.78	20.51	0.00068	-20.51	7.78	0.00100
-21.92	6.36	0.00103	-23.33	4.95	0.00107
-24.75	3.54	0.00111	-26.16	2.12	0.00115
-28.28	0.00	0.00122	-31.82	-3.54	0.00132
-35.36	-7.07	0.00141	-42.43	-14.14	0.00153
-49.50	-21.21	0.00156	-56.57	-28.28	0.00154
-63.64	-35.36	0.00147	-70.71	-42.43	0.00138
-77.78	-49.50	0.00129	-84.85	-56.57	0.00120

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

18:33:00
 **MODELOPTs:
 PAGE 92
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00027	56.57	70.71	0.00029
49.50	63.64	0.00031	42.43	56.57	0.00033
35.36	49.50	0.00034	28.28	42.43	0.00036
21.21	35.36	0.00039	14.14	28.28	0.00042
10.61	24.75	0.00044	7.07	21.21	0.00047
4.95	19.09	0.00049	3.54	17.68	0.00051
2.12	16.26	0.00052	0.71	14.85	0.00055
-0.71	13.44	0.00057	-13.44	0.71	0.00079
-14.85	-0.71	0.00081	-16.26	-2.12	0.00082
-17.68	-3.54	0.00084	-19.09	-4.95	0.00087
-21.21	-7.07	0.00091	-24.75	-10.61	0.00097
-28.28	-14.14	0.00104	-35.36	-21.21	0.00114
-42.43	-28.28	0.00120	-49.50	-35.36	0.00122
-56.57	-42.43	0.00120	-63.64	-49.50	0.00116
-70.71	-56.57	0.00111	-77.78	-63.64	0.00105
70.71	70.71	0.00023	63.64	63.64	0.00024

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00026	49.50	49.50	0.00027
42.43	42.43	0.00028	35.36	35.36	0.00030
28.28	28.28	0.00032	21.21	21.21	0.00035
17.68	17.68	0.00037	14.14	14.14	0.00040
12.02	12.02	0.00041	10.61	10.61	0.00043
9.19	9.19	0.00044	7.78	7.78	0.00046
6.36	6.36	0.00048	-6.36	-6.36	0.00064
-7.78	-7.78	0.00066	-9.19	-9.19	0.00067
-10.61	-10.61	0.00068	-12.02	-12.02	0.00069
-14.14	-14.14	0.00071	-17.68	-17.68	0.00075
-21.21	-21.21	0.00079	-28.28	-28.28	0.00088
-35.36	-35.36	0.00093	-42.43	-42.43	0.00096
-49.50	-49.50	0.00097	-56.57	-56.57	0.00096
-63.64	-63.64	0.00094	-70.71	-70.71	0.00090
77.78	63.64	0.00020	70.71	56.57	0.00021
63.64	49.50	0.00022	56.57	42.43	0.00023
49.50	35.36	0.00024	42.43	28.28	0.00025
35.36	21.21	0.00027	28.28	14.14	0.00030
24.75	10.61	0.00032	21.21	7.07	0.00034
19.09	4.95	0.00036	17.68	3.54	0.00037
16.26	2.12	0.00038	14.85	0.71	0.00039
13.44	-0.71	0.00041	0.71	-13.44	0.00053
-0.71	-14.85	0.00054	-2.12	-16.26	0.00055
-3.54	-17.68	0.00056	-4.95	-19.09	0.00056

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

18:33:00
 **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
-7.07	-21.21	0.00057	-10.61	-24.75	0.00060
-14.14	-28.28	0.00063	-21.21	-35.36	0.00069
-28.28	-42.43	0.00074	-35.36	-49.50	0.00077
-42.43	-56.57	0.00079	-49.50	-63.64	0.00079
-56.57	-70.71	0.00079	-63.64	-77.78	0.00077
84.85	56.57	0.00017	77.78	49.50	0.00018
70.71	42.43	0.00019	63.64	35.36	0.00019
56.57	28.28	0.00020	49.50	21.21	0.00022
42.43	14.14	0.00023	35.36	7.07	0.00026
31.82	3.54	0.00028	28.28	0.00	0.00030

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00031	24.75	-3.54	0.00032
23.33	-4.95	0.00033	21.92	-6.36	0.00034
20.51	-7.78	0.00035	7.78	-20.51	0.00045
6.36	-21.92	0.00046	4.95	-23.33	0.00046
3.54	-24.75	0.00047	2.12	-26.16	0.00047
0.00	-28.28	0.00048	-3.54	-31.82	0.00049
-7.07	-35.36	0.00051	-14.14	-42.43	0.00055
-21.21	-49.50	0.00060	-28.28	-56.57	0.00063
-35.36	-63.64	0.00065	-42.43	-70.71	0.00066
-49.50	-77.78	0.00066	-56.57	-84.85	0.00065
91.92	49.50	0.00015	84.85	42.43	0.00015
77.78	35.36	0.00016	70.71	28.28	0.00017
63.64	21.21	0.00018	56.57	14.14	0.00019
49.50	7.07	0.00021	42.43	0.00	0.00023
38.89	-3.54	0.00024	35.36	-7.07	0.00026
33.23	-9.19	0.00027	31.82	-10.61	0.00028
30.41	-12.02	0.00029	28.99	-13.44	0.00030
27.58	-14.85	0.00031	14.85	-27.58	0.00038
13.44	-28.99	0.00039	12.02	-30.41	0.00039
10.61	-31.82	0.00040	9.19	-33.23	0.00040
7.07	-35.36	0.00040	3.54	-38.89	0.00041
0.00	-42.43	0.00043	-7.07	-49.50	0.00046
-14.14	-56.57	0.00049	-21.21	-63.64	0.00052
-28.28	-70.71	0.00054	-35.36	-77.78	0.00055
-42.43	-84.85	0.00056	-49.50	-91.92	0.00056
98.99	42.43	0.00013	91.92	35.36	0.00014
84.85	28.28	0.00014	77.78	21.21	0.00015
70.71	14.14	0.00016	63.64	7.07	0.00017
56.57	0.00	0.00018	49.50	-7.07	0.00020
45.96	-10.61	0.00022	42.43	-14.14	0.00023

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

18:33:00
 **MODELOPTs:
 PAGE 94
 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	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00026
34.65	-21.92	0.00027	21.92	-34.65	0.00033
20.51	-36.06	0.00033	19.09	-37.48	0.00034

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00034	16.26	-40.31	0.00034
14.14	-42.43	0.00035	10.61	-45.96	0.00035
7.07	-49.50	0.00036	0.00	-56.57	0.00038
-7.07	-63.64	0.00041	-14.14	-70.71	0.00043
-21.21	-77.78	0.00045	-28.28	-84.85	0.00047
-35.36	-91.92	0.00048	-42.43	-98.99	0.00048
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00013
77.78	7.07	0.00014	70.71	0.00	0.00015
63.64	-7.07	0.00017	56.57	-14.14	0.00018
53.03	-17.68	0.00019	49.50	-21.21	0.00020
47.38	-23.33	0.00021	45.96	-24.75	0.00022
44.55	-26.16	0.00022	43.13	-27.58	0.00023
41.72	-28.99	0.00024	28.99	-41.72	0.00029
27.58	-43.13	0.00029	26.16	-44.55	0.00029
24.75	-45.96	0.00030	23.33	-47.38	0.00030
21.21	-49.50	0.00030	17.68	-53.03	0.00031
14.14	-56.57	0.00031	7.07	-63.64	0.00033
0.00	-70.71	0.00035	-7.07	-77.78	0.00037
-14.14	-84.85	0.00039	-21.21	-91.92	0.00040
-28.28	-98.99	0.00041	-35.36	-106.07	0.00041
113.14	28.28	0.00010	106.07	21.21	0.00011
98.99	14.14	0.00011	91.92	7.07	0.00012
84.85	0.00	0.00013	77.78	-7.07	0.00014
70.71	-14.14	0.00015	63.64	-21.21	0.00016
60.10	-24.75	0.00017	56.57	-28.28	0.00018
54.45	-30.41	0.00019	53.03	-31.82	0.00020
51.62	-33.23	0.00020	50.20	-34.65	0.00021
48.79	-36.06	0.00021	36.06	-48.79	0.00025
34.65	-50.20	0.00025	33.23	-51.62	0.00026
31.82	-53.03	0.00026	30.41	-54.45	0.00026
28.28	-56.57	0.00026	24.75	-60.10	0.00027
21.21	-63.64	0.00027	14.14	-70.71	0.00028
7.07	-77.78	0.00030	0.00	-84.85	0.00031
-7.07	-91.92	0.00033	-14.14	-98.99	0.00034
-21.21	-106.07	0.00035	-28.28	-113.14	0.00036

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

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00009	113.14	14.14	0.00010
106.07	7.07	0.00010	98.99	0.00	0.00011
91.92	-7.07	0.00012	84.85	-14.14	0.00012
77.78	-21.21	0.00014	70.71	-28.28	0.00015
67.18	-31.82	0.00016	63.64	-35.36	0.00017
61.52	-37.48	0.00017	60.10	-38.89	0.00018
58.69	-40.31	0.00018	57.28	-41.72	0.00018
55.86	-43.13	0.00019	43.13	-55.86	0.00022
41.72	-57.28	0.00022	40.31	-58.69	0.00023
38.89	-60.10	0.00023	37.48	-61.52	0.00023
35.36	-63.64	0.00023	31.82	-67.18	0.00024
28.28	-70.71	0.00024	21.21	-77.78	0.00025
14.14	-84.85	0.00026	7.07	-91.92	0.00027
0.00	-98.99	0.00029	-7.07	-106.07	0.00030
-14.14	-113.14	0.00031	-21.21	-120.21	0.00032
127.28	14.14	0.00008	120.21	7.07	0.00009
113.14	0.00	0.00009	106.07	-7.07	0.00010
98.99	-14.14	0.00011	91.92	-21.21	0.00011
84.85	-28.28	0.00012	77.78	-35.36	0.00013
74.25	-38.89	0.00014	70.71	-42.43	0.00015
68.59	-44.55	0.00015	67.18	-45.96	0.00016
65.76	-47.38	0.00016	64.35	-48.79	0.00017
62.93	-50.20	0.00017	50.20	-62.93	0.00020
48.79	-64.35	0.00020	47.38	-65.76	0.00020
45.96	-67.18	0.00020	44.55	-68.59	0.00021
42.43	-70.71	0.00021	38.89	-74.25	0.00021
35.36	-77.78	0.00021	28.28	-84.85	0.00022
21.21	-91.92	0.00023	14.14	-98.99	0.00024
7.07	-106.07	0.00025	0.00	-113.14	0.00026
-7.07	-120.21	0.00027	-14.14	-127.28	0.00028
134.35	7.07	0.00008	127.28	0.00	0.00008
120.21	-7.07	0.00009	113.14	-14.14	0.00009
106.07	-21.21	0.00010	98.99	-28.28	0.00010
91.92	-35.36	0.00011	84.85	-42.43	0.00012
81.32	-45.96	0.00013	77.78	-49.50	0.00014
75.66	-51.62	0.00014	74.25	-53.03	0.00014
72.83	-54.45	0.00015	71.42	-55.86	0.00015
70.00	-57.28	0.00015	57.28	-70.00	0.00018
55.86	-71.42	0.00018	54.45	-72.83	0.00018
53.03	-74.25	0.00018	51.62	-75.66	0.00018

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

*** NCRA Cumulative DPM Impacts

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

18:33:00
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00019	45.96	-81.32	0.00019	
42.43	-84.85	0.00019	35.36	-91.92	0.00020	
28.28	-98.99	0.00020	21.21	-106.07	0.00021	
14.14	-113.14	0.00022	7.07	-120.21	0.00023	
0.00	-127.28	0.00024	-7.07	-134.35	0.00025	
141.42	0.00	0.00007	134.35	-7.07	0.00008	
127.28	-14.14	0.00008	120.21	-21.21	0.00008	
113.14	-28.28	0.00009	106.07	-35.36	0.00010	
98.99	-42.43	0.00010	91.92	-49.50	0.00011	
88.39	-53.03	0.00012	84.85	-56.57	0.00012	
82.73	-58.69	0.00013	81.32	-60.10	0.00013	
79.90	-61.52	0.00013	78.49	-62.93	0.00014	
77.07	-64.35	0.00014	64.35	-77.07	0.00016	
62.93	-78.49	0.00016	61.52	-79.90	0.00016	
60.10	-81.32	0.00016	58.69	-82.73	0.00017	
56.57	-84.85	0.00017	53.03	-88.39	0.00017	
49.50	-91.92	0.00017	42.43	-98.99	0.00018	
35.36	-106.07	0.00018	28.28	-113.14	0.00019	
21.21	-120.21	0.00019	14.14	-127.28	0.00020	
7.07	-134.35	0.00021	0.00	-141.42	0.00022	
148.49	-7.07	0.00007	141.42	-14.14	0.00007	
134.35	-21.21	0.00007	127.28	-28.28	0.00008	
120.21	-35.36	0.00008	113.14	-42.43	0.00009	
106.07	-49.50	0.00010	98.99	-56.57	0.00010	
95.46	-60.10	0.00011	91.92	-63.64	0.00011	
89.80	-65.76	0.00012	88.39	-67.18	0.00012	
86.97	-68.59	0.00012	85.56	-70.00	0.00012	
84.15	-71.42	0.00013	71.42	-84.15	0.00014	
70.00	-85.56	0.00015	68.59	-86.97	0.00015	
67.18	-88.39	0.00015	65.76	-89.80	0.00015	
63.64	-91.92	0.00015	60.10	-95.46	0.00015	
56.57	-98.99	0.00016	49.50	-106.07	0.00016	
42.43	-113.14	0.00016	35.36	-120.21	0.00017	
28.28	-127.28	0.00017	21.21	-134.35	0.00018	
14.14	-141.42	0.00019	7.07	-148.49	0.00019	
155.56	-14.14	0.00006	148.49	-21.21	0.00007	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00007	134.35	-35.36	0.00007
127.28	-42.43	0.00008	120.21	-49.50	0.00008
113.14	-56.57	0.00009	106.07	-63.64	0.00010
102.53	-67.18	0.00010	98.99	-70.71	0.00011

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00011	95.46	-74.25	0.00011
94.05	-75.66	0.00011	92.63	-77.07	0.00011
91.22	-78.49	0.00012	78.49	-91.22	0.00013
77.07	-92.63	0.00013	75.66	-94.05	0.00013
74.25	-95.46	0.00014	72.83	-96.87	0.00014
70.71	-98.99	0.00014	67.18	-102.53	0.00014
63.64	-106.07	0.00014	56.57	-113.14	0.00014
49.50	-120.21	0.00015	42.43	-127.28	0.00015
35.36	-134.35	0.00016	28.28	-141.42	0.00016
21.21	-148.49	0.00017	14.14	-155.56	0.00017
162.63	-21.21	0.00006	155.56	-28.28	0.00006
148.49	-35.36	0.00006	141.42	-42.43	0.00007
134.35	-49.50	0.00007	127.28	-56.57	0.00008
120.21	-63.64	0.00008	113.14	-70.71	0.00009
109.60	-74.25	0.00009	106.07	-77.78	0.00010
103.94	-79.90	0.00010	102.53	-81.32	0.00010
101.12	-82.73	0.00010	99.70	-84.15	0.00011
98.29	-85.56	0.00011	85.56	-98.29	0.00012
84.15	-99.70	0.00012	82.73	-101.12	0.00012
81.32	-102.53	0.00012	79.90	-103.94	0.00012
77.78	-106.07	0.00013	74.25	-109.60	0.00013
70.71	-113.14	0.00013	63.64	-120.21	0.00013
56.57	-127.28	0.00013	49.50	-134.35	0.00014
42.43	-141.42	0.00014	35.36	-148.49	0.00015
28.28	-155.56	0.00015	21.21	-162.63	0.00016
169.71	-28.28	0.00005	162.63	-35.36	0.00006
155.56	-42.43	0.00006	148.49	-49.50	0.00006
141.42	-56.57	0.00007	134.35	-63.64	0.00007
127.28	-70.71	0.00008	120.21	-77.78	0.00008
116.67	-81.32	0.00009	113.14	-84.85	0.00009

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00009	109.60	-88.39	0.00009
108.19	-89.80	0.00010	106.77	-91.22	0.00010
105.36	-92.63	0.00010	92.63	-105.36	0.00011
91.22	-106.77	0.00011	89.80	-108.19	0.00011
88.39	-109.60	0.00011	86.97	-111.02	0.00011
84.85	-113.14	0.00012	81.32	-116.67	0.00012
77.78	-120.21	0.00012	70.71	-127.28	0.00012
63.64	-134.35	0.00012	56.57	-141.42	0.00013
49.50	-148.49	0.00013	42.43	-155.56	0.00013
35.36	-162.63	0.00014	28.28	-169.71	0.00014

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00005	169.71	-42.43	0.00005
162.63	-49.50	0.00006	155.56	-56.57	0.00006
148.49	-63.64	0.00006	141.42	-70.71	0.00007
134.35	-77.78	0.00007	127.28	-84.85	0.00008
123.74	-88.39	0.00008	120.21	-91.92	0.00008
118.09	-94.05	0.00009	116.67	-95.46	0.00009
115.26	-96.87	0.00009	113.84	-98.29	0.00009
112.43	-99.70	0.00009	99.70	-112.43	0.00010
98.29	-113.84	0.00010	96.87	-115.26	0.00010
95.46	-116.67	0.00010	94.05	-118.09	0.00011
91.92	-120.21	0.00011	88.39	-123.74	0.00011
84.85	-127.28	0.00011	77.78	-134.35	0.00011
70.71	-141.42	0.00011	63.64	-148.49	0.00012
56.57	-155.56	0.00012	49.50	-162.63	0.00012
42.43	-169.71	0.00012	35.36	-176.78	0.00013
183.85	-42.43	0.00005	176.78	-49.50	0.00005
169.71	-56.57	0.00005	162.63	-63.64	0.00006
155.56	-70.71	0.00006	148.49	-77.78	0.00006
141.42	-84.85	0.00007	134.35	-91.92	0.00007
130.81	-95.46	0.00008	127.28	-98.99	0.00008
125.16	-101.12	0.00008	123.74	-102.53	0.00008
122.33	-103.94	0.00008	120.92	-105.36	0.00008
119.50	-106.77	0.00009	106.77	-119.50	0.00009
105.36	-120.92	0.00010	103.94	-122.33	0.00010

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00010	101.12	-125.16	0.00010
98.99	-127.28	0.00010	95.46	-130.81	0.00010
91.92	-134.35	0.00010	84.85	-141.42	0.00010
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00011
49.50	-176.78	0.00011	42.43	-183.85	0.00012
190.92	-49.50	0.00005	183.85	-56.57	0.00005
176.78	-63.64	0.00005	169.71	-70.71	0.00005
162.63	-77.78	0.00006	155.56	-84.85	0.00006
148.49	-91.92	0.00006	141.42	-98.99	0.00007
137.89	-102.53	0.00007	134.35	-106.07	0.00007
132.23	-108.19	0.00008	130.81	-109.60	0.00008
129.40	-111.02	0.00008	127.99	-112.43	0.00008
126.57	-113.84	0.00008	113.84	-126.57	0.00009
112.43	-127.99	0.00009	111.02	-129.40	0.00009
109.60	-130.81	0.00009	108.19	-132.23	0.00009

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00009	102.53	-137.89	0.00009
98.99	-141.42	0.00009	91.92	-148.49	0.00010
84.85	-155.56	0.00010	77.78	-162.63	0.00010
70.71	-169.71	0.00010	63.64	-176.78	0.00010
56.57	-183.85	0.00010	49.50	-190.92	0.00011
197.99	-56.57	0.00004	190.92	-63.64	0.00005
183.85	-70.71	0.00005	176.78	-77.78	0.00005
169.71	-84.85	0.00005	162.63	-91.92	0.00006
155.56	-98.99	0.00006	148.49	-106.07	0.00006
144.96	-109.60	0.00007	141.42	-113.14	0.00007
139.30	-115.26	0.00007	137.89	-116.67	0.00007
136.47	-118.09	0.00007	135.06	-119.50	0.00007
133.64	-120.92	0.00007	120.92	-133.64	0.00008
119.50	-135.06	0.00008	118.09	-136.47	0.00008
116.67	-137.89	0.00008	115.26	-139.30	0.00008
113.14	-141.42	0.00009	109.60	-144.96	0.00009
106.07	-148.49	0.00009	98.99	-155.56	0.00009
91.92	-162.63	0.00009	84.85	-169.71	0.00009

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00009	70.71	-183.85	0.00009
63.64	-190.92	0.00010	56.57	-197.99	0.00010
205.06	-63.64	0.00004	197.99	-70.71	0.00004
190.92	-77.78	0.00005	183.85	-84.85	0.00005
176.78	-91.92	0.00005	169.71	-98.99	0.00005
162.63	-106.07	0.00006	155.56	-113.14	0.00006
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00007	144.96	-123.74	0.00007
143.54	-125.16	0.00007	142.13	-126.57	0.00007
140.71	-127.99	0.00007	127.99	-140.71	0.00008
126.57	-142.13	0.00008	125.16	-143.54	0.00008
123.74	-144.96	0.00008	122.33	-146.37	0.00008
120.21	-148.49	0.00008	116.67	-152.03	0.00008
113.14	-155.56	0.00008	106.07	-162.63	0.00008
98.99	-169.71	0.00008	91.92	-176.78	0.00009
84.85	-183.85	0.00009	77.78	-190.92	0.00009
70.71	-197.99	0.00009	63.64	-205.06	0.00009
212.13	-70.71	0.00004	205.06	-77.78	0.00004
197.99	-84.85	0.00004	190.92	-91.92	0.00004
183.85	-98.99	0.00005	176.78	-106.07	0.00005
169.71	-113.14	0.00005	162.63	-120.21	0.00006
159.10	-123.74	0.00006	155.56	-127.28	0.00006

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00006	152.03	-130.81	0.00006
150.61	-132.23	0.00006	149.20	-133.64	0.00006
147.79	-135.06	0.00007	135.06	-147.79	0.00007
133.64	-149.20	0.00007	132.23	-150.61	0.00007
130.81	-152.03	0.00007	129.40	-153.44	0.00007
127.28	-155.56	0.00007	123.74	-159.10	0.00008
120.21	-162.63	0.00008	113.14	-169.71	0.00008
106.07	-176.78	0.00008	98.99	-183.85	0.00008
91.92	-190.92	0.00008	84.85	-197.99	0.00008
77.78	-205.06	0.00008	70.71	-212.13	0.00009
219.20	-77.78	0.00004	212.13	-84.85	0.00004
205.06	-91.92	0.00004	197.99	-98.99	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00004
219.20	-106.07	0.00004	212.13	-113.14	0.00004
205.06	-120.21	0.00004	197.99	-127.28	0.00004
190.92	-134.35	0.00005	183.85	-141.42	0.00005
180.31	-144.96	0.00005	176.78	-148.49	0.00005
174.66	-150.61	0.00005	173.24	-152.03	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00005	170.41	-154.86	0.00005
169.00	-156.27	0.00005	156.27	-169.00	0.00006
154.86	-170.41	0.00006	153.44	-171.83	0.00006
152.03	-173.24	0.00006	150.61	-174.66	0.00006
148.49	-176.78	0.00006	144.96	-180.31	0.00006
141.42	-183.85	0.00006	134.35	-190.92	0.00006
127.28	-197.99	0.00007	120.21	-205.06	0.00007
113.14	-212.13	0.00007	106.07	-219.20	0.00007
98.99	-226.27	0.00007	91.92	-233.35	0.00007
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00004	219.20	-120.21	0.00004
212.13	-127.28	0.00004	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00005
187.38	-152.03	0.00005	183.85	-155.56	0.00005
181.73	-157.68	0.00005	180.31	-159.10	0.00005
178.90	-160.51	0.00005	177.48	-161.93	0.00005
176.07	-163.34	0.00005	163.34	-176.07	0.00006
161.93	-177.48	0.00006	160.51	-178.90	0.00006
159.10	-180.31	0.00006	157.68	-181.73	0.00006
155.56	-183.85	0.00006	152.03	-187.38	0.00006
148.49	-190.92	0.00006	141.42	-197.99	0.00006
134.35	-205.06	0.00006	127.28	-212.13	0.00006
120.21	-219.20	0.00006	113.14	-226.27	0.00006
106.07	-233.35	0.00006	98.99	-240.42	0.00007
247.49	-106.07	0.00003	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00004
219.20	-134.35	0.00004	212.13	-141.42	0.00004
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00005
188.80	-164.76	0.00005	187.38	-166.17	0.00005
185.97	-167.58	0.00005	184.55	-169.00	0.00005
183.14	-170.41	0.00005	170.41	-183.14	0.00005
169.00	-184.55	0.00005	167.58	-185.97	0.00005
166.17	-187.38	0.00005	164.76	-188.80	0.00005

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

18:33:00
 **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
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16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00005	159.10	-194.45	0.00006
155.56	-197.99	0.00006	148.49	-205.06	0.00006
141.42	-212.13	0.00006	134.35	-219.20	0.00006
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00006

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

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

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00128	-113.14	240.42	0.00149
-120.21	233.35	0.00172	-127.28	226.27	0.00198
-134.35	219.20	0.00226	-141.42	212.13	0.00253
-148.49	205.06	0.00275	-155.56	197.99	0.00280
-159.10	194.45	0.00268	-162.63	190.92	0.00241
-164.76	188.80	0.00219	-166.17	187.38	0.00203
-167.58	185.97	0.00187	-169.00	184.55	0.00171
-170.41	183.14	0.00157	-183.14	170.41	0.00101
-184.55	169.00	0.00099	-185.97	167.58	0.00096
-187.38	166.17	0.00094	-188.80	164.76	0.00093
-190.92	162.63	0.00093	-194.45	159.10	0.00094
-197.99	155.56	0.00096	-205.06	148.49	0.00099
-212.13	141.42	0.00099	-219.20	134.35	0.00098
-226.27	127.28	0.00095	-233.35	120.21	0.00090
-240.42	113.14	0.00085	-247.49	106.07	0.00079
-98.99	240.42	0.00130	-106.07	233.35	0.00152
-113.14	226.27	0.00179	-120.21	219.20	0.00211
-127.28	212.13	0.00247	-134.35	205.06	0.00286
-141.42	197.99	0.00326	-148.49	190.92	0.00360
-152.03	187.38	0.00369	-155.56	183.85	0.00362
-157.68	181.73	0.00345	-159.10	180.31	0.00326
-160.51	178.90	0.00302	-161.93	177.48	0.00273
-163.34	176.07	0.00243	-176.07	163.34	0.00123
-177.48	161.93	0.00121	-178.90	160.51	0.00120
-180.31	159.10	0.00121	-181.73	157.68	0.00121
-183.85	155.56	0.00123	-187.38	152.03	0.00126
-190.92	148.49	0.00129	-197.99	141.42	0.00131
-205.06	134.35	0.00129	-212.13	127.28	0.00124
-219.20	120.21	0.00116	-226.27	113.14	0.00108

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00100	-240.42	98.99	0.00092
-91.92	233.35	0.00128	-99.00	226.27	0.00152
-106.07	219.20	0.00182	-113.14	212.13	0.00218
-120.21	205.06	0.00261	-127.28	197.99	0.00311
-134.35	190.92	0.00367	-141.42	183.85	0.00426
-144.96	180.31	0.00456	-148.49	176.78	0.00479
-150.61	174.66	0.00486	-152.03	173.24	0.00486
-153.44	171.83	0.00482	-154.86	170.41	0.00468
-156.27	169.00	0.00440	-169.00	156.27	0.00172
-170.41	154.86	0.00173	-171.83	153.44	0.00174
-173.24	152.03	0.00175	-174.66	150.61	0.00176

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00178	-180.31	144.96	0.00179
-183.85	141.42	0.00179	-190.92	134.35	0.00175
-197.99	127.28	0.00166	-205.06	120.21	0.00154
-212.13	113.14	0.00141	-219.20	106.07	0.00128
-226.27	98.99	0.00116	-233.35	91.92	0.00105
-84.85	226.27	0.00125	-91.92	219.20	0.00149
-99.00	212.13	0.00180	-106.07	205.06	0.00219
-113.14	197.99	0.00267	-120.21	190.92	0.00325
-127.28	183.85	0.00393	-134.35	176.78	0.00469
-137.89	173.24	0.00510	-141.42	169.71	0.00548
-143.54	167.58	0.00566	-144.96	166.17	0.00575
-146.37	164.76	0.00581	-147.79	163.34	0.00589
-149.20	161.93	0.00589	-161.93	149.20	0.00322
-163.34	147.79	0.00303	-164.76	146.37	0.00290
-166.17	144.96	0.00280	-167.58	143.54	0.00273
-169.71	141.42	0.00265	-173.24	137.89	0.00254
-176.78	134.35	0.00246	-183.85	127.28	0.00228
-190.92	120.21	0.00209	-197.99	113.14	0.00188
-205.06	106.07	0.00168	-212.13	98.99	0.00150
-219.20	91.92	0.00133	-226.27	84.85	0.00119
-77.78	219.20	0.00119	-84.85	212.13	0.00143
-91.92	205.06	0.00173	-99.00	197.99	0.00213
-106.07	190.92	0.00263	-113.14	183.85	0.00326

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00402	-127.28	169.71	0.00487
-130.81	166.17	0.00531	-134.35	162.63	0.00574
-136.47	160.51	0.00594	-137.89	159.10	0.00603
-139.30	157.68	0.00608	-140.71	156.27	0.00612
-142.13	154.86	0.00613	-154.86	142.13	0.00405
-156.27	140.71	0.00392	-157.68	139.30	0.00382
-159.10	137.89	0.00372	-160.51	136.47	0.00364
-162.63	134.35	0.00353	-166.17	130.81	0.00335
-169.71	127.28	0.00318	-176.78	120.21	0.00285
-183.85	113.14	0.00253	-190.92	106.07	0.00223
-197.99	98.99	0.00195	-205.06	91.92	0.00171
-212.13	84.85	0.00150	-219.20	77.78	0.00133
-70.71	212.13	0.00111	-77.78	205.06	0.00133
-84.85	197.99	0.00162	-91.92	190.92	0.00200
-98.99	183.85	0.00250	-106.07	176.78	0.00315
-113.14	169.71	0.00395	-120.21	162.63	0.00487
-123.74	159.10	0.00533	-127.28	155.56	0.00577

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00599	-130.81	152.03	0.00609
-132.23	150.61	0.00614	-133.64	149.20	0.00616
-135.06	147.79	0.00618	-147.79	135.06	0.00435
-149.20	133.64	0.00426	-150.61	132.23	0.00420
-152.03	130.81	0.00415	-153.44	129.40	0.00410
-155.56	127.28	0.00402	-159.10	123.74	0.00388
-162.63	120.21	0.00373	-169.71	113.14	0.00335
-176.78	106.07	0.00294	-183.85	98.99	0.00255
-190.92	91.92	0.00220	-197.99	84.85	0.00191
-205.06	77.78	0.00166	-212.13	70.71	0.00145
-63.64	205.06	0.00102	-70.71	197.99	0.00122
-77.78	190.92	0.00148	-84.85	183.85	0.00182
-91.92	176.78	0.00229	-98.99	169.71	0.00292
-106.07	162.63	0.00374	-113.14	155.56	0.00472
-116.67	152.03	0.00522	-120.21	148.49	0.00567
-122.33	146.37	0.00591	-123.74	144.96	0.00602
-125.16	143.54	0.00610	-126.57	142.13	0.00613

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00615	-140.71	127.99	0.00447
-142.13	126.57	0.00441	-143.54	125.16	0.00437
-144.96	123.74	0.00434	-146.37	122.33	0.00431
-148.49	120.21	0.00427	-152.03	116.67	0.00418
-155.56	113.14	0.00404	-162.63	106.07	0.00367
-169.71	98.99	0.00324	-176.78	91.92	0.00280
-183.85	84.85	0.00241	-190.92	77.78	0.00208
-197.99	70.71	0.00180	-205.06	63.64	0.00156
-56.57	197.99	0.00092	-63.64	190.92	0.00110
-70.71	183.85	0.00132	-77.78	176.78	0.00162
-84.85	169.71	0.00202	-91.92	162.63	0.00258
-98.99	155.56	0.00337	-106.07	148.49	0.00439
-109.60	144.96	0.00495	-113.14	141.42	0.00547
-115.26	139.30	0.00572	-116.67	137.89	0.00586
-118.09	136.47	0.00596	-119.50	135.06	0.00601
-120.92	133.64	0.00604	-133.64	120.92	0.00452
-135.06	119.50	0.00446	-136.47	118.09	0.00443
-137.89	116.67	0.00441	-139.30	115.26	0.00440
-141.42	113.14	0.00438	-144.96	109.60	0.00432
-148.49	106.07	0.00420	-155.56	98.99	0.00383
-162.63	91.92	0.00339	-169.71	84.85	0.00295
-176.78	77.78	0.00255	-183.85	70.71	0.00220
-190.92	63.64	0.00190	-197.99	56.57	0.00165

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

18:33:00
 **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
-49.50	190.92	0.00082	-56.57	183.85	0.00097
-63.64	176.78	0.00116	-70.71	169.71	0.00140
-77.78	162.63	0.00173	-84.85	155.56	0.00219
-91.92	148.49	0.00286	-98.99	141.42	0.00383
-102.53	137.89	0.00443	-106.07	134.35	0.00505
-108.19	132.23	0.00538	-109.60	130.81	0.00555
-111.02	129.40	0.00569	-112.43	127.99	0.00578
-113.84	126.57	0.00582	-126.57	113.84	0.00449
-127.99	112.43	0.00444	-129.40	111.02	0.00442
-130.81	109.60	0.00441	-132.23	108.19	0.00441
-134.35	106.07	0.00439	-137.89	102.53	0.00433

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00422	-148.49	91.92	0.00386
-155.56	84.85	0.00343	-162.63	77.78	0.00300
-169.71	70.71	0.00260	-176.78	63.64	0.00225
-183.85	56.57	0.00195	-190.92	49.50	0.00169
-42.43	183.85	0.00072	-49.50	176.78	0.00083
-56.57	169.71	0.00098	-63.64	162.63	0.00118
-70.71	155.56	0.00144	-77.78	148.49	0.00178
-84.85	141.42	0.00228	-91.92	134.35	0.00305
-95.46	130.81	0.00360	-98.99	127.28	0.00426
-101.12	125.16	0.00468	-102.53	123.74	0.00494
-103.94	122.33	0.00515	-105.36	120.92	0.00532
-106.77	119.50	0.00544	-119.50	106.77	0.00440
-120.92	105.36	0.00435	-122.33	103.94	0.00434
-123.74	102.53	0.00433	-125.16	101.12	0.00432
-127.28	98.99	0.00430	-130.81	95.46	0.00422
-134.35	91.92	0.00410	-141.42	84.85	0.00376
-148.49	77.78	0.00335	-155.56	70.71	0.00294
-162.63	63.64	0.00256	-169.71	56.57	0.00223
-176.78	49.50	0.00194	-183.85	42.43	0.00169
-35.36	176.78	0.00061	-42.43	169.71	0.00071
-49.50	162.63	0.00082	-56.57	155.56	0.00097
-63.64	148.49	0.00115	-70.71	141.42	0.00140
-77.78	134.35	0.00173	-84.85	127.28	0.00222
-88.39	123.74	0.00257	-91.92	120.21	0.00304
-94.05	118.09	0.00341	-95.46	116.67	0.00369
-96.87	115.26	0.00399	-98.29	113.84	0.00430
-99.70	112.43	0.00458	-112.43	99.70	0.00423
-113.84	98.29	0.00417	-115.26	96.87	0.00414
-116.67	95.46	0.00411	-118.09	94.05	0.00409

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

18:33:00
 **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
-120.21	91.92	0.00404	-123.74	88.39	0.00395
-127.28	84.85	0.00384	-134.35	77.78	0.00352
-141.42	70.71	0.00315	-148.49	63.64	0.00278
-155.56	56.57	0.00244	-162.63	49.50	0.00214
-169.71	42.43	0.00188	-176.78	35.36	0.00165

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00052	-35.36	162.63	0.00059
-42.43	155.56	0.00068	-49.50	148.49	0.00078
-56.57	141.42	0.00090	-63.64	134.35	0.00105
-70.71	127.28	0.00125	-77.78	120.21	0.00150
-81.32	116.67	0.00166	-84.85	113.14	0.00184
-86.97	111.02	0.00198	-88.39	109.60	0.00208
-89.80	108.19	0.00221	-91.22	106.77	0.00237
-92.63	105.36	0.00260	-105.36	92.63	0.00375
-106.77	91.22	0.00367	-108.19	89.80	0.00362
-109.60	88.39	0.00358	-111.02	86.97	0.00356
-113.14	84.85	0.00352	-116.67	81.32	0.00346
-120.21	77.78	0.00337	-127.28	70.71	0.00314
-134.35	63.64	0.00285	-141.42	56.57	0.00254
-148.49	49.50	0.00226	-155.56	42.43	0.00200
-162.63	35.36	0.00177	-169.71	28.28	0.00157
-21.21	162.63	0.00044	-28.28	155.56	0.00049
-35.36	148.49	0.00055	-42.43	141.42	0.00062
-49.50	134.35	0.00070	-56.57	127.28	0.00079
-63.64	120.21	0.00088	-70.71	113.14	0.00099
-74.25	109.60	0.00104	-77.78	106.07	0.00109
-79.90	103.94	0.00111	-81.32	102.53	0.00112
-82.73	101.12	0.00114	-84.15	99.70	0.00115
-85.56	98.29	0.00116	-98.29	85.56	0.00223
-99.70	84.15	0.00236	-101.12	82.73	0.00245
-102.53	81.32	0.00253	-103.94	79.90	0.00259
-106.07	77.78	0.00266	-109.60	74.25	0.00271
-113.14	70.71	0.00271	-120.21	63.64	0.00262
-127.28	56.57	0.00245	-134.35	49.50	0.00224
-141.42	42.43	0.00202	-148.49	35.36	0.00182
-155.56	28.28	0.00163	-162.63	21.21	0.00147
-14.14	155.56	0.00037	-21.21	148.49	0.00041
-28.28	141.42	0.00045	-35.36	134.35	0.00049
-42.43	127.28	0.00054	-49.50	120.21	0.00059
-56.57	113.14	0.00064	-63.64	106.07	0.00069
-67.18	102.53	0.00071	-70.71	98.99	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***
 18:33:00
 **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 **

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00075	-74.25	95.46	0.00077
-75.66	94.05	0.00079	-77.07	92.63	0.00081
-78.49	91.22	0.00084	-91.22	78.49	0.00135
-92.63	77.07	0.00143	-94.05	75.66	0.00150
-95.46	74.25	0.00158	-96.87	72.83	0.00166
-98.99	70.71	0.00176	-102.53	67.18	0.00190
-106.07	63.64	0.00198	-113.14	56.57	0.00205
-120.21	49.50	0.00200	-127.28	42.43	0.00189
-134.35	35.36	0.00175	-141.42	28.28	0.00161
-148.49	21.21	0.00147	-155.56	14.14	0.00134
-7.07	148.49	0.00031	-14.14	141.42	0.00034
-21.21	134.35	0.00037	-28.28	127.28	0.00040
-35.36	120.21	0.00043	-42.43	113.14	0.00046
-49.50	106.07	0.00049	-56.57	98.99	0.00052
-60.10	95.46	0.00054	-63.64	91.92	0.00057
-65.76	89.80	0.00059	-67.18	88.39	0.00061
-68.59	86.97	0.00063	-70.00	85.56	0.00065
-71.42	84.15	0.00068	-84.15	71.42	0.00100
-85.56	70.00	0.00103	-86.97	68.59	0.00107
-88.39	67.18	0.00111	-89.80	65.76	0.00115
-91.92	63.64	0.00122	-95.46	60.10	0.00132
-98.99	56.57	0.00141	-106.07	49.50	0.00153
-113.14	42.43	0.00156	-120.21	35.36	0.00154
-127.28	28.28	0.00147	-134.35	21.21	0.00138
-141.42	14.14	0.00129	-148.49	7.07	0.00120
0.00	141.42	0.00027	-7.07	134.35	0.00029
-14.14	127.28	0.00031	-21.21	120.21	0.00033
-28.28	113.14	0.00034	-35.36	106.07	0.00036
-42.43	98.99	0.00039	-49.50	91.92	0.00042
-53.03	88.39	0.00044	-56.57	84.85	0.00047
-58.69	82.73	0.00049	-60.10	81.32	0.00051
-61.52	79.90	0.00052	-62.93	78.49	0.00055
-64.35	77.07	0.00057	-77.07	64.35	0.00079
-78.49	62.93	0.00081	-79.90	61.52	0.00082
-81.32	60.10	0.00084	-82.73	58.69	0.00087
-84.85	56.57	0.00091	-88.39	53.03	0.00097
-91.92	49.50	0.00104	-98.99	42.43	0.00114
-106.07	35.36	0.00120	-113.14	28.28	0.00122
-120.21	21.21	0.00120	-127.28	14.14	0.00116
-134.35	7.07	0.00111	-141.42	0.00	0.00105

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00023	0.00	127.28	0.00024
-7.07	120.21	0.00026	-14.14	113.14	0.00027
-21.21	106.07	0.00028	-28.28	98.99	0.00030
-35.36	91.92	0.00032	-42.43	84.85	0.00035
-45.96	81.32	0.00037	-49.50	77.78	0.00040
-51.62	75.66	0.00041	-53.03	74.25	0.00043
-54.45	72.83	0.00044	-55.86	71.42	0.00046
-57.28	70.00	0.00048	-70.00	57.28	0.00064
-71.42	55.86	0.00066	-72.83	54.45	0.00067
-74.25	53.03	0.00068	-75.66	51.62	0.00069
-77.78	49.50	0.00071	-81.32	45.96	0.00075
-84.85	42.43	0.00079	-91.92	35.36	0.00088
-98.99	28.28	0.00093	-106.07	21.21	0.00096
-113.14	14.14	0.00097	-120.21	7.07	0.00096
-127.28	0.00	0.00094	-134.35	-7.07	0.00090
14.14	127.28	0.00020	7.07	120.21	0.00021
0.00	113.14	0.00022	-7.07	106.07	0.00023
-14.14	98.99	0.00024	-21.21	91.92	0.00025
-28.28	84.85	0.00027	-35.36	77.78	0.00030
-38.89	74.25	0.00032	-42.43	70.71	0.00034
-44.55	68.59	0.00036	-45.96	67.18	0.00037
-47.38	65.76	0.00038	-48.79	64.35	0.00039
-50.20	62.93	0.00041	-62.93	50.20	0.00053
-64.35	48.79	0.00054	-65.76	47.38	0.00055
-67.18	45.96	0.00056	-68.59	44.55	0.00056
-70.71	42.43	0.00057	-74.25	38.89	0.00060
-77.78	35.36	0.00063	-84.85	28.28	0.00069
-91.92	21.21	0.00074	-98.99	14.14	0.00077
-106.07	7.07	0.00079	-113.14	0.00	0.00079
-120.21	-7.07	0.00079	-127.28	-14.14	0.00077
21.21	120.21	0.00017	14.14	113.14	0.00018
7.07	106.07	0.00019	0.00	98.99	0.00019
-7.07	91.92	0.00020	-14.14	84.85	0.00022
-21.21	77.78	0.00023	-28.28	70.71	0.00026
-31.82	67.18	0.00028	-35.36	63.64	0.00030
-37.48	61.52	0.00031	-38.89	60.10	0.00032
-40.31	58.69	0.00033	-41.72	57.28	0.00034

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00035	-55.86	43.13	0.00045
-57.28	41.72	0.00046	-58.69	40.31	0.00046
-60.10	38.89	0.00047	-61.52	37.48	0.00047

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

18:33:00
 **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
-63.64	35.36	0.00048	-67.18	31.82	0.00049
-70.71	28.28	0.00051	-77.78	21.21	0.00055
-84.85	14.14	0.00060	-91.92	7.07	0.00063
-98.99	0.00	0.00065	-106.07	-7.07	0.00066
-113.14	-14.14	0.00066	-120.21	-21.21	0.00065
28.28	113.14	0.00015	21.21	106.07	0.00015
14.14	98.99	0.00016	7.07	91.92	0.00017
0.00	84.85	0.00018	-7.07	77.78	0.00019
-14.14	70.71	0.00021	-21.21	63.64	0.00023
-24.75	60.10	0.00024	-28.28	56.57	0.00026
-30.41	54.45	0.00027	-31.82	53.03	0.00028
-33.23	51.62	0.00029	-34.65	50.20	0.00030
-36.06	48.79	0.00031	-48.79	36.06	0.00038
-50.20	34.65	0.00039	-51.62	33.23	0.00039
-53.03	31.82	0.00040	-54.45	30.41	0.00040
-56.57	28.28	0.00040	-60.10	24.75	0.00041
-63.64	21.21	0.00043	-70.71	14.14	0.00046
-77.78	7.07	0.00049	-84.85	0.00	0.00052
-91.92	-7.07	0.00054	-98.99	-14.14	0.00055
-106.07	-21.21	0.00056	-113.14	-28.28	0.00056
35.36	106.07	0.00013	28.28	98.99	0.00014
21.21	91.92	0.00014	14.14	84.85	0.00015
7.07	77.78	0.00016	0.00	70.71	0.00017
-7.07	63.64	0.00018	-14.14	56.57	0.00020
-17.68	53.03	0.00022	-21.21	49.50	0.00023
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00026
-28.99	41.72	0.00027	-41.72	28.99	0.00033
-43.13	27.58	0.00033	-44.55	26.16	0.00034
-45.96	24.75	0.00034	-47.38	23.33	0.00034
-49.50	21.21	0.00035	-53.03	17.68	0.00035

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00036	-63.64	7.07	0.00038
-70.71	0.00	0.00041	-77.78	-7.07	0.00043
-84.85	-14.14	0.00045	-91.92	-21.21	0.00047
-98.99	-28.28	0.00048	-106.07	-35.36	0.00048
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00013
14.14	70.71	0.00014	7.07	63.64	0.00015
0.00	56.57	0.00017	-7.07	49.50	0.00018
-10.61	45.96	0.00019	-14.14	42.43	0.00020

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

18:33:00
 **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
-16.26	40.31	0.00021	-17.68	38.89	0.00022
-19.09	37.48	0.00022	-20.51	36.06	0.00023
-21.92	34.65	0.00024	-34.65	21.92	0.00029
-36.06	20.51	0.00029	-37.48	19.09	0.00029
-38.89	17.68	0.00030	-40.31	16.26	0.00030
-42.43	14.14	0.00030	-45.96	10.61	0.00031
-49.50	7.07	0.00031	-56.57	0.00	0.00033
-63.64	-7.07	0.00035	-70.71	-14.14	0.00037
-77.78	-21.21	0.00039	-84.85	-28.28	0.00040
-91.92	-35.36	0.00041	-98.99	-42.43	0.00041
49.50	91.92	0.00010	42.43	84.85	0.00011
35.36	77.78	0.00011	28.28	70.71	0.00012
21.21	63.64	0.00013	14.14	56.57	0.00014
7.07	49.50	0.00015	0.00	42.43	0.00016
-3.54	38.89	0.00017	-7.07	35.36	0.00018
-9.19	33.23	0.00019	-10.61	31.82	0.00020
-12.02	30.41	0.00020	-13.44	28.99	0.00021
-14.85	27.58	0.00021	-27.58	14.85	0.00025
-28.99	13.44	0.00025	-30.41	12.02	0.00026
-31.82	10.61	0.00026	-33.23	9.19	0.00026
-35.36	7.07	0.00026	-38.89	3.54	0.00027
-42.43	0.00	0.00027	-49.50	-7.07	0.00028
-56.57	-14.14	0.00030	-63.64	-21.21	0.00031
-70.71	-28.28	0.00033	-77.78	-35.36	0.00034
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00009	49.50	77.78	0.00010
42.43	70.71	0.00010	35.36	63.64	0.00011
28.28	56.57	0.00012	21.21	49.50	0.00012
14.14	42.43	0.00014	7.07	35.36	0.00015
3.54	31.82	0.00016	0.00	28.28	0.00017
-2.12	26.16	0.00017	-3.54	24.75	0.00018
-4.95	23.33	0.00018	-6.36	21.92	0.00018
-7.78	20.51	0.00019	-20.51	7.78	0.00022
-21.92	6.36	0.00022	-23.33	4.95	0.00023
-24.75	3.54	0.00023	-26.16	2.12	0.00023
-28.28	0.00	0.00023	-31.82	-3.54	0.00024
-35.36	-7.07	0.00024	-42.43	-14.14	0.00025
-49.50	-21.21	0.00026	-56.57	-28.28	0.00027
-63.64	-35.36	0.00029	-70.71	-42.43	0.00030
-77.78	-49.50	0.00031	-84.85	-56.57	0.00032

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

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

18:33:00

**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
63.64	77.78	0.00008	56.57	70.71	0.00009
49.50	63.64	0.00009	42.43	56.57	0.00010
35.36	49.50	0.00011	28.28	42.43	0.00011
21.21	35.36	0.00012	14.14	28.28	0.00013
10.61	24.75	0.00014	7.07	21.21	0.00015
4.95	19.09	0.00015	3.54	17.68	0.00016
2.12	16.26	0.00016	0.71	14.85	0.00017
-0.71	13.44	0.00017	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00021
-21.21	-7.07	0.00021	-24.75	-10.61	0.00021
-28.28	-14.14	0.00021	-35.36	-21.21	0.00022
-42.43	-28.28	0.00023	-49.50	-35.36	0.00024
-56.57	-42.43	0.00025	-63.64	-49.50	0.00026
-70.71	-56.57	0.00027	-77.78	-63.64	0.00028
70.71	70.71	0.00008	63.64	63.64	0.00008
56.57	56.57	0.00009	49.50	49.50	0.00009
42.43	42.43	0.00010	35.36	35.36	0.00010
28.28	28.28	0.00011	21.21	21.21	0.00012

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00013	14.14	14.14	0.00014
12.02	12.02	0.00014	10.61	10.61	0.00014
9.19	9.19	0.00015	7.78	7.78	0.00015
6.36	6.36	0.00015	-6.36	-6.36	0.00018
-7.78	-7.78	0.00018	-9.19	-9.19	0.00018
-10.61	-10.61	0.00018	-12.02	-12.02	0.00018
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00019	-28.28	-28.28	0.00020
-35.36	-35.36	0.00020	-42.43	-42.43	0.00021
-49.50	-49.50	0.00022	-56.57	-56.57	0.00023
-63.64	-63.64	0.00024	-70.71	-70.71	0.00025
77.78	63.64	0.00007	70.71	56.57	0.00008
63.64	49.50	0.00008	56.57	42.43	0.00008
49.50	35.36	0.00009	42.43	28.28	0.00010
35.36	21.21	0.00010	28.28	14.14	0.00011
24.75	10.61	0.00012	21.21	7.07	0.00012
19.09	4.95	0.00013	17.68	3.54	0.00013
16.26	2.12	0.00013	14.85	0.71	0.00014
13.44	-0.71	0.00014	0.71	-13.44	0.00016
-0.71	-14.85	0.00016	-2.12	-16.26	0.00016
-3.54	-17.68	0.00016	-4.95	-19.09	0.00017

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

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

18:33:00

**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
-7.07	-21.21	0.00017	-10.61	-24.75	0.00017
-14.14	-28.28	0.00017	-21.21	-35.36	0.00018
-28.28	-42.43	0.00018	-35.36	-49.50	0.00019
-42.43	-56.57	0.00019	-49.50	-63.64	0.00020
-56.57	-70.71	0.00021	-63.64	-77.78	0.00022
84.85	56.57	0.00007	77.78	49.50	0.00007
70.71	42.43	0.00007	63.64	35.36	0.00008
56.57	28.28	0.00008	49.50	21.21	0.00009
42.43	14.14	0.00010	35.36	7.07	0.00010
31.82	3.54	0.00011	28.28	0.00	0.00011
26.16	-2.12	0.00012	24.75	-3.54	0.00012
23.33	-4.95	0.00012	21.92	-6.36	0.00012
20.51	-7.78	0.00013	7.78	-20.51	0.00014

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00010	38.89	-17.68	0.00010
37.48	-19.09	0.00010	36.06	-20.51	0.00011
34.65	-21.92	0.00011	21.92	-34.65	0.00012
20.51	-36.06	0.00012	19.09	-37.48	0.00012
17.68	-38.89	0.00012	16.26	-40.31	0.00012
14.14	-42.43	0.00013	10.61	-45.96	0.00013
7.07	-49.50	0.00013	0.00	-56.57	0.00013

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00013	-14.14	-70.71	0.00014
-21.21	-77.78	0.00014	-28.28	-84.85	0.00015
-35.36	-91.92	0.00015	-42.43	-98.99	0.00016
106.07	35.36	0.00005	98.99	28.28	0.00006
91.92	21.21	0.00006	84.85	14.14	0.00006
77.78	7.07	0.00007	70.71	0.00	0.00007
63.64	-7.07	0.00008	56.57	-14.14	0.00008
53.03	-17.68	0.00009	49.50	-21.21	0.00009
47.38	-23.33	0.00009	45.96	-24.75	0.00009
44.55	-26.16	0.00010	43.13	-27.58	0.00010
41.72	-28.99	0.00010	28.99	-41.72	0.00011
27.58	-43.13	0.00011	26.16	-44.55	0.00011
24.75	-45.96	0.00011	23.33	-47.38	0.00011
21.21	-49.50	0.00012	17.68	-53.03	0.00012
14.14	-56.57	0.00012	7.07	-63.64	0.00012
0.00	-70.71	0.00012	-7.07	-77.78	0.00013
-14.14	-84.85	0.00013	-21.21	-91.92	0.00013
-28.28	-98.99	0.00014	-35.36	-106.07	0.00014
113.14	28.28	0.00005	106.07	21.21	0.00005
98.99	14.14	0.00006	91.92	7.07	0.00006
84.85	0.00	0.00006	77.78	-7.07	0.00007
70.71	-14.14	0.00007	63.64	-21.21	0.00008
60.10	-24.75	0.00008	56.57	-28.28	0.00008
54.45	-30.41	0.00009	53.03	-31.82	0.00009
51.62	-33.23	0.00009	50.20	-34.65	0.00009
48.79	-36.06	0.00009	36.06	-48.79	0.00010
34.65	-50.20	0.00010	33.23	-51.62	0.00010
31.82	-53.03	0.00010	30.41	-54.45	0.00011
28.28	-56.57	0.00011	24.75	-60.10	0.00011
21.21	-63.64	0.00011	14.14	-70.71	0.00011
7.07	-77.78	0.00011	0.00	-84.85	0.00012
-7.07	-91.92	0.00012	-14.14	-98.99	0.00012
-21.21	-106.07	0.00012	-28.28	-113.14	0.00013

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

18:33:00
 **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
120.21	21.21	0.00005	113.14	14.14	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00005	98.99	0.00	0.00006
91.92	-7.07	0.00006	84.85	-14.14	0.00006
77.78	-21.21	0.00007	70.71	-28.28	0.00007
67.18	-31.82	0.00008	63.64	-35.36	0.00008
61.52	-37.48	0.00008	60.10	-38.89	0.00008
58.69	-40.31	0.00008	57.28	-41.72	0.00008
55.86	-43.13	0.00009	43.13	-55.86	0.00009
41.72	-57.28	0.00010	40.31	-58.69	0.00010
38.89	-60.10	0.00010	37.48	-61.52	0.00010
35.36	-63.64	0.00010	31.82	-67.18	0.00010
28.28	-70.71	0.00010	21.21	-77.78	0.00010
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00011
-14.14	-113.14	0.00011	-21.21	-120.21	0.00012
127.28	14.14	0.00005	120.21	7.07	0.00005
113.14	0.00	0.00005	106.07	-7.07	0.00005
98.99	-14.14	0.00006	91.92	-21.21	0.00006
84.85	-28.28	0.00006	77.78	-35.36	0.00007
74.25	-38.89	0.00007	70.71	-42.43	0.00007
68.59	-44.55	0.00008	67.18	-45.96	0.00008
65.76	-47.38	0.00008	64.35	-48.79	0.00008
62.93	-50.20	0.00008	50.20	-62.93	0.00009
48.79	-64.35	0.00009	47.38	-65.76	0.00009
45.96	-67.18	0.00009	44.55	-68.59	0.00009
42.43	-70.71	0.00009	38.89	-74.25	0.00009
35.36	-77.78	0.00009	28.28	-84.85	0.00010
21.21	-91.92	0.00010	14.14	-98.99	0.00010
7.07	-106.07	0.00010	0.00	-113.14	0.00010
-7.07	-120.21	0.00010	-14.14	-127.28	0.00011
134.35	7.07	0.00004	127.28	0.00	0.00005
120.21	-7.07	0.00005	113.14	-14.14	0.00005
106.07	-21.21	0.00005	98.99	-28.28	0.00006
91.92	-35.36	0.00006	84.85	-42.43	0.00006
81.32	-45.96	0.00007	77.78	-49.50	0.00007
75.66	-51.62	0.00007	74.25	-53.03	0.00007
72.83	-54.45	0.00007	71.42	-55.86	0.00007
70.00	-57.28	0.00007	57.28	-70.00	0.00008
55.86	-71.42	0.00008	54.45	-72.83	0.00008
53.03	-74.25	0.00008	51.62	-75.66	0.00008

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00009	45.96	-81.32	0.00009
42.43	-84.85	0.00009	35.36	-91.92	0.00009
28.28	-98.99	0.00009	21.21	-106.07	0.00009
14.14	-113.14	0.00009	7.07	-120.21	0.00009
0.00	-127.28	0.00010	-7.07	-134.35	0.00010
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00005	120.21	-21.21	0.00005
113.14	-28.28	0.00005	106.07	-35.36	0.00005
98.99	-42.43	0.00006	91.92	-49.50	0.00006
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00007	81.32	-60.10	0.00007
79.90	-61.52	0.00007	78.49	-62.93	0.00007
77.07	-64.35	0.00007	64.35	-77.07	0.00008
62.93	-78.49	0.00008	61.52	-79.90	0.00008
60.10	-81.32	0.00008	58.69	-82.73	0.00008
56.57	-84.85	0.00008	53.03	-88.39	0.00008
49.50	-91.92	0.00008	42.43	-98.99	0.00008
35.36	-106.07	0.00008	28.28	-113.14	0.00009
21.21	-120.21	0.00009	14.14	-127.28	0.00009
7.07	-134.35	0.00009	0.00	-141.42	0.00009
148.49	-7.07	0.00004	141.42	-14.14	0.00004
134.35	-21.21	0.00004	127.28	-28.28	0.00004
120.21	-35.36	0.00005	113.14	-42.43	0.00005
106.07	-49.50	0.00005	98.99	-56.57	0.00006
95.46	-60.10	0.00006	91.92	-63.64	0.00006
89.80	-65.76	0.00006	88.39	-67.18	0.00006
86.97	-68.59	0.00006	85.56	-70.00	0.00006
84.15	-71.42	0.00007	71.42	-84.15	0.00007
70.00	-85.56	0.00007	68.59	-86.97	0.00007
67.18	-88.39	0.00007	65.76	-89.80	0.00007
63.64	-91.92	0.00007	60.10	-95.46	0.00008
56.57	-98.99	0.00008	49.50	-106.07	0.00008
42.43	-113.14	0.00008	35.36	-120.21	0.00008
28.28	-127.28	0.00008	21.21	-134.35	0.00008
14.14	-141.42	0.00008	7.07	-148.49	0.00009
155.56	-14.14	0.00004	148.49	-21.21	0.00004
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00005	120.21	-49.50	0.00005
113.14	-56.57	0.00005	106.07	-63.64	0.00005

102.53 -67.18 0.00006 98.99 -70.71 0.00006

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00006	95.46	-74.25	0.00006
94.05	-75.66	0.00006	92.63	-77.07	0.00006
91.22	-78.49	0.00006	78.49	-91.22	0.00007
77.07	-92.63	0.00007	75.66	-94.05	0.00007
74.25	-95.46	0.00007	72.83	-96.87	0.00007
70.71	-98.99	0.00007	67.18	-102.53	0.00007
63.64	-106.07	0.00007	56.57	-113.14	0.00007
49.50	-120.21	0.00007	42.43	-127.28	0.00007
35.36	-134.35	0.00008	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00008
162.63	-21.21	0.00004	155.56	-28.28	0.00004
148.49	-35.36	0.00004	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00005
120.21	-63.64	0.00005	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00006	102.53	-81.32	0.00006
101.12	-82.73	0.00006	99.70	-84.15	0.00006
98.29	-85.56	0.00006	85.56	-98.29	0.00006
84.15	-99.70	0.00006	82.73	-101.12	0.00006
81.32	-102.53	0.00006	79.90	-103.94	0.00006
77.78	-106.07	0.00007	74.25	-109.60	0.00007
70.71	-113.14	0.00007	63.64	-120.21	0.00007
56.57	-127.28	0.00007	49.50	-134.35	0.00007
42.43	-141.42	0.00007	35.36	-148.49	0.00007
28.28	-155.56	0.00007	21.21	-162.63	0.00007
169.71	-28.28	0.00003	162.63	-35.36	0.00004
155.56	-42.43	0.00004	148.49	-49.50	0.00004
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00005	120.21	-77.78	0.00005
116.67	-81.32	0.00005	113.14	-84.85	0.00005
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00003	169.71	-42.43	0.00003
162.63	-49.50	0.00004	155.56	-56.57	0.00004
148.49	-63.64	0.00004	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00005
123.74	-88.39	0.00005	120.21	-91.92	0.00005
118.09	-94.05	0.00005	116.67	-95.46	0.00005
115.26	-96.87	0.00005	113.84	-98.29	0.00005
112.43	-99.70	0.00005	99.70	-112.43	0.00006
98.29	-113.84	0.00006	96.87	-115.26	0.00006
95.46	-116.67	0.00006	94.05	-118.09	0.00006
91.92	-120.21	0.00006	88.39	-123.74	0.00006
84.85	-127.28	0.00006	77.78	-134.35	0.00006
70.71	-141.42	0.00006	63.64	-148.49	0.00006
56.57	-155.56	0.00006	49.50	-162.63	0.00006
42.43	-169.71	0.00006	35.36	-176.78	0.00007
183.85	-42.43	0.00003	176.78	-49.50	0.00003
169.71	-56.57	0.00003	162.63	-63.64	0.00004
155.56	-70.71	0.00004	148.49	-77.78	0.00004
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00005
125.16	-101.12	0.00005	123.74	-102.53	0.00005
122.33	-103.94	0.00005	120.92	-105.36	0.00005
119.50	-106.77	0.00005	106.77	-119.50	0.00005
105.36	-120.92	0.00005	103.94	-122.33	0.00005
102.53	-123.74	0.00005	101.12	-125.16	0.00005
98.99	-127.28	0.00005	95.46	-130.81	0.00006
91.92	-134.35	0.00006	84.85	-141.42	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00006	70.71	-155.56	0.00006
63.64	-162.63	0.00006	56.57	-169.71	0.00006
49.50	-176.78	0.00006	42.43	-183.85	0.00006
190.92	-49.50	0.00003	183.85	-56.57	0.00003
176.78	-63.64	0.00003	169.71	-70.71	0.00003
162.63	-77.78	0.00004	155.56	-84.85	0.00004
148.49	-91.92	0.00004	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00005
129.40	-111.02	0.00005	127.99	-112.43	0.00005
126.57	-113.84	0.00005	113.84	-126.57	0.00005
112.43	-127.99	0.00005	111.02	-129.40	0.00005
109.60	-130.81	0.00005	108.19	-132.23	0.00005

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

18:33:00
 **MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00005	102.53	-137.89	0.00005
98.99	-141.42	0.00005	91.92	-148.49	0.00005
84.85	-155.56	0.00006	77.78	-162.63	0.00006
70.71	-169.71	0.00006	63.64	-176.78	0.00006
56.57	-183.85	0.00006	49.50	-190.92	0.00006
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00004
155.56	-98.99	0.00004	148.49	-106.07	0.00004
144.96	-109.60	0.00004	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00005
119.50	-135.06	0.00005	118.09	-136.47	0.00005
116.67	-137.89	0.00005	115.26	-139.30	0.00005
113.14	-141.42	0.00005	109.60	-144.96	0.00005
106.07	-148.49	0.00005	98.99	-155.56	0.00005
91.92	-162.63	0.00005	84.85	-169.71	0.00005
77.78	-176.78	0.00005	70.71	-183.85	0.00005
63.64	-190.92	0.00005	56.57	-197.99	0.00005
205.06	-63.64	0.00003	197.99	-70.71	0.00003

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00004	155.56	-113.14	0.00004
152.03	-116.67	0.00004	148.49	-120.21	0.00004
146.37	-122.33	0.00004	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00005
126.57	-142.13	0.00005	125.16	-143.54	0.00005
123.74	-144.96	0.00005	122.33	-146.37	0.00005
120.21	-148.49	0.00005	116.67	-152.03	0.00005
113.14	-155.56	0.00005	106.07	-162.63	0.00005
98.99	-169.71	0.00005	91.92	-176.78	0.00005
84.85	-183.85	0.00005	77.78	-190.92	0.00005
70.71	-197.99	0.00005	63.64	-205.06	0.00005
212.13	-70.71	0.00003	205.06	-77.78	0.00003
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00004
159.10	-123.74	0.00004	155.56	-127.28	0.00004

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

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

18:33:00

**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	0.00004	152.03	-130.81	0.00004
150.61	-132.23	0.00004	149.20	-133.64	0.00004
147.79	-135.06	0.00004	135.06	-147.79	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00004	123.74	-159.10	0.00005
120.21	-162.63	0.00005	113.14	-169.71	0.00005
106.07	-176.78	0.00005	98.99	-183.85	0.00005
91.92	-190.92	0.00005	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00003	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00004	162.63	-134.35	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00004	159.10	-137.89	0.00004
157.68	-139.30	0.00004	156.27	-140.71	0.00004
154.86	-142.13	0.00004	142.13	-154.86	0.00004
140.71	-156.27	0.00004	139.30	-157.68	0.00004
137.89	-159.10	0.00004	136.47	-160.51	0.00004
134.35	-162.63	0.00004	130.81	-166.17	0.00004
127.28	-169.71	0.00004	120.21	-176.78	0.00004
113.14	-183.85	0.00004	106.07	-190.92	0.00005
98.99	-197.99	0.00005	91.92	-205.06	0.00005
84.85	-212.13	0.00005	77.78	-219.20	0.00005
226.27	-84.85	0.00002	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00003
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00004	166.17	-144.96	0.00004
164.76	-146.37	0.00004	163.34	-147.79	0.00004
161.93	-149.20	0.00004	149.20	-161.93	0.00004
147.79	-163.34	0.00004	146.37	-164.76	0.00004
144.96	-166.17	0.00004	143.54	-167.58	0.00004
141.42	-169.71	0.00004	137.89	-173.24	0.00004
134.35	-176.78	0.00004	127.28	-183.85	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00004

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00003	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00004
154.86	-170.41	0.00004	153.44	-171.83	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00004	150.61	-174.66	0.00004
148.49	-176.78	0.00004	144.96	-180.31	0.00004
141.42	-183.85	0.00004	134.35	-190.92	0.00004
127.28	-197.99	0.00004	120.21	-205.06	0.00004
113.14	-212.13	0.00004	106.07	-219.20	0.00004
98.99	-226.27	0.00004	91.92	-233.35	0.00004
240.42	-98.99	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00003
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00004
161.93	-177.48	0.00004	160.51	-178.90	0.00004
159.10	-180.31	0.00004	157.68	-181.73	0.00004
155.56	-183.85	0.00004	152.03	-187.38	0.00004
148.49	-190.92	0.00004	141.42	-197.99	0.00004
134.35	-205.06	0.00004	127.28	-212.13	0.00004
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00003	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00004

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

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

18:33:00

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00004	159.10	-194.45	0.00004
155.56	-197.99	0.00004	148.49	-205.06	0.00004
141.42	-212.13	0.00004	134.35	-219.20	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

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

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

18:33:00
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00220	-113.14	240.42	0.00238
-120.21	233.35	0.00257	-127.28	226.27	0.00278
-134.35	219.20	0.00301	-141.42	212.13	0.00323
-148.49	205.06	0.00341	-155.56	197.99	0.00342
-159.10	194.45	0.00328	-162.63	190.92	0.00299
-164.76	188.80	0.00276	-166.17	187.38	0.00259
-167.58	185.97	0.00243	-169.00	184.55	0.00227
-170.41	183.14	0.00212	-183.14	170.41	0.00153
-184.55	169.00	0.00150	-185.97	167.58	0.00147
-187.38	166.17	0.00145	-188.80	164.76	0.00144
-190.92	162.63	0.00143	-194.45	159.10	0.00143
-197.99	155.56	0.00144	-205.06	148.49	0.00144
-212.13	141.42	0.00143	-219.20	134.35	0.00139
-226.27	127.28	0.00135	-233.35	120.21	0.00129
-240.42	113.14	0.00124	-247.49	106.07	0.00118
-98.99	240.42	0.00233	-106.07	233.35	0.00253
-113.14	226.27	0.00276	-120.21	219.20	0.00302
-127.28	212.13	0.00332	-134.35	205.06	0.00366
-141.42	197.99	0.00400	-148.49	190.92	0.00430
-152.03	187.38	0.00437	-155.56	183.85	0.00427
-157.68	181.73	0.00409	-159.10	180.31	0.00389
-160.51	178.90	0.00364	-161.93	177.48	0.00335
-163.34	176.07	0.00304	-176.07	163.34	0.00180
-177.48	161.93	0.00178	-178.90	160.51	0.00176
-180.31	159.10	0.00176	-181.73	157.68	0.00177
-183.85	155.56	0.00178	-187.38	152.03	0.00180
-190.92	148.49	0.00181	-197.99	141.42	0.00180
-205.06	134.35	0.00176	-212.13	127.28	0.00168
-219.20	120.21	0.00160	-226.27	113.14	0.00151
-233.35	106.07	0.00143	-240.42	98.99	0.00135
-91.92	233.35	0.00244	-99.00	226.27	0.00267
-106.07	219.20	0.00293	-113.14	212.13	0.00324

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00360	-127.28	197.99	0.00402
-134.35	190.92	0.00451	-141.42	183.85	0.00505
-144.96	180.31	0.00531	-148.49	176.78	0.00551
-150.61	174.66	0.00557	-152.03	173.24	0.00556
-153.44	171.83	0.00551	-154.86	170.41	0.00536
-156.27	169.00	0.00507	-169.00	156.27	0.00234
-170.41	154.86	0.00235	-171.83	153.44	0.00235
-173.24	152.03	0.00236	-174.66	150.61	0.00237

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

18:33:00
 **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
-176.78	148.49	0.00237	-180.31	144.96	0.00237
-183.85	141.42	0.00235	-190.92	134.35	0.00228
-197.99	127.28	0.00216	-205.06	120.21	0.00203
-212.13	113.14	0.00189	-219.20	106.07	0.00176
-226.27	98.99	0.00164	-233.35	91.92	0.00153
-84.85	226.27	0.00254	-91.92	219.20	0.00279
-99.00	212.13	0.00308	-106.07	205.06	0.00342
-113.14	197.99	0.00383	-120.21	190.92	0.00432
-127.28	183.85	0.00490	-134.35	176.78	0.00558
-137.89	173.24	0.00596	-141.42	169.71	0.00630
-143.54	167.58	0.00646	-144.96	166.17	0.00654
-146.37	164.76	0.00658	-147.79	163.34	0.00665
-149.20	161.93	0.00664	-161.93	149.20	0.00391
-163.34	147.79	0.00372	-164.76	146.37	0.00358
-166.17	144.96	0.00348	-167.58	143.54	0.00340
-169.71	141.42	0.00330	-173.24	137.89	0.00318
-176.78	134.35	0.00308	-183.85	127.28	0.00286
-190.92	120.21	0.00264	-197.99	113.14	0.00242
-205.06	106.07	0.00222	-212.13	98.99	0.00203
-219.20	91.92	0.00187	-226.27	84.85	0.00172
-77.78	219.20	0.00262	-84.85	212.13	0.00289
-91.92	205.06	0.00319	-99.00	197.99	0.00356
-106.07	190.92	0.00400	-113.14	183.85	0.00453
-120.21	176.78	0.00516	-127.28	169.71	0.00590
-130.81	166.17	0.00630	-134.35	162.63	0.00668
-136.47	160.51	0.00686	-137.89	159.10	0.00693

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00696	-140.71	156.27	0.00699
-142.13	154.86	0.00698	-154.86	142.13	0.00483
-156.27	140.71	0.00469	-157.68	139.30	0.00458
-159.10	137.89	0.00447	-160.51	136.47	0.00438
-162.63	134.35	0.00425	-166.17	130.81	0.00405
-169.71	127.28	0.00386	-176.78	120.21	0.00349
-183.85	113.14	0.00315	-190.92	106.07	0.00284
-197.99	98.99	0.00256	-205.06	91.92	0.00231
-212.13	84.85	0.00210	-219.20	77.78	0.00192
-70.71	212.13	0.00269	-77.78	205.06	0.00297
-84.85	197.99	0.00329	-91.92	190.92	0.00367
-98.99	183.85	0.00413	-106.07	176.78	0.00468
-113.14	169.71	0.00534	-120.21	162.63	0.00610
-123.74	159.10	0.00649	-127.28	155.56	0.00687

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

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00705	-130.81	152.03	0.00713
-132.23	150.61	0.00716	-133.64	149.20	0.00715
-135.06	147.79	0.00715	-147.79	135.06	0.00522
-149.20	133.64	0.00512	-150.61	132.23	0.00505
-152.03	130.81	0.00499	-153.44	129.40	0.00492
-155.56	127.28	0.00483	-159.10	123.74	0.00466
-162.63	120.21	0.00448	-169.71	113.14	0.00407
-176.78	106.07	0.00364	-183.85	98.99	0.00324
-190.92	91.92	0.00290	-197.99	84.85	0.00260
-205.06	77.78	0.00234	-212.13	70.71	0.00213
-63.64	205.06	0.00275	-70.71	197.99	0.00303
-77.78	190.92	0.00336	-84.85	183.85	0.00375
-91.92	176.78	0.00422	-98.99	169.71	0.00479
-106.07	162.63	0.00546	-113.14	155.56	0.00623
-116.67	152.03	0.00662	-120.21	148.49	0.00698
-122.33	146.37	0.00716	-123.74	144.96	0.00725
-125.16	143.54	0.00729	-126.57	142.13	0.00729
-127.99	140.71	0.00728	-140.71	127.99	0.00546
-142.13	126.57	0.00538	-143.54	125.16	0.00533
-144.96	123.74	0.00528	-146.37	122.33	0.00524

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00518	-152.03	116.67	0.00505
-155.56	113.14	0.00489	-162.63	106.07	0.00449
-169.71	98.99	0.00405	-176.78	91.92	0.00361
-183.85	84.85	0.00321	-190.92	77.78	0.00287
-197.99	70.71	0.00258	-205.06	63.64	0.00233
-56.57	197.99	0.00279	-63.64	190.92	0.00308
-70.71	183.85	0.00342	-77.78	176.78	0.00382
-84.85	169.71	0.00430	-91.92	162.63	0.00486
-98.99	155.56	0.00554	-106.07	148.49	0.00631
-109.60	144.96	0.00671	-113.14	141.42	0.00708
-115.26	139.30	0.00725	-116.67	137.89	0.00734
-118.09	136.47	0.00739	-119.50	135.06	0.00739
-120.92	133.64	0.00737	-133.64	120.92	0.00564
-135.06	119.50	0.00556	-136.47	118.09	0.00552
-137.89	116.67	0.00548	-139.30	115.26	0.00545
-141.42	113.14	0.00541	-144.96	109.60	0.00530
-148.49	106.07	0.00516	-155.56	98.99	0.00479
-162.63	91.92	0.00435	-169.71	84.85	0.00390
-176.78	77.78	0.00348	-183.85	70.71	0.00311
-190.92	63.64	0.00279	-197.99	56.57	0.00251

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

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

18:33:00

**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
-49.50	190.92	0.00283	-56.57	183.85	0.00312
-63.64	176.78	0.00346	-70.71	169.71	0.00387
-77.78	162.63	0.00435	-84.85	155.56	0.00492
-91.92	148.49	0.00560	-98.99	141.42	0.00637
-102.53	137.89	0.00678	-106.07	134.35	0.00715
-108.19	132.23	0.00733	-109.60	130.81	0.00741
-111.02	129.40	0.00746	-112.43	127.99	0.00747
-113.84	126.57	0.00744	-126.57	113.84	0.00578
-127.99	112.43	0.00570	-129.40	111.02	0.00566
-130.81	109.60	0.00563	-132.23	108.19	0.00560
-134.35	106.07	0.00556	-137.89	102.53	0.00548
-141.42	98.99	0.00535	-148.49	91.92	0.00500
-155.56	84.85	0.00457	-162.63	77.78	0.00412
-169.71	70.71	0.00370	-176.78	63.64	0.00332

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00298	-190.92	49.50	0.00268
-42.43	183.85	0.00286	-49.50	176.78	0.00315
-56.57	169.71	0.00350	-63.64	162.63	0.00390
-70.71	155.56	0.00439	-77.78	148.49	0.00496
-84.85	141.42	0.00564	-91.92	134.35	0.00643
-95.46	130.81	0.00683	-98.99	127.28	0.00721
-101.12	125.16	0.00739	-102.53	123.74	0.00748
-103.94	122.33	0.00753	-105.36	120.92	0.00754
-106.77	119.50	0.00751	-119.50	106.77	0.00588
-120.92	105.36	0.00581	-122.33	103.94	0.00577
-123.74	102.53	0.00574	-125.16	101.12	0.00572
-127.28	98.99	0.00568	-130.81	95.46	0.00560
-134.35	91.92	0.00549	-141.42	84.85	0.00516
-148.49	77.78	0.00473	-155.56	70.71	0.00429
-162.63	63.64	0.00387	-169.71	56.57	0.00348
-176.78	49.50	0.00314	-183.85	42.43	0.00283
-35.36	176.78	0.00288	-42.43	169.71	0.00318
-49.50	162.63	0.00353	-56.57	155.56	0.00393
-63.64	148.49	0.00442	-70.71	141.42	0.00500
-77.78	134.35	0.00568	-84.85	127.28	0.00646
-88.39	123.74	0.00688	-91.92	120.21	0.00727
-94.05	118.09	0.00745	-95.46	116.67	0.00753
-96.87	115.26	0.00758	-98.29	113.84	0.00759
-99.70	112.43	0.00757	-112.43	99.70	0.00597
-113.84	98.29	0.00590	-115.26	96.87	0.00585
-116.67	95.46	0.00583	-118.09	94.05	0.00581

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

04/20/08

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

18:33:00

**MODELOPTS:

PAGE 127

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00577	-123.74	88.39	0.00570
-127.28	84.85	0.00560	-134.35	77.78	0.00528
-141.42	70.71	0.00486	-148.49	63.64	0.00442
-155.56	56.57	0.00400	-162.63	49.50	0.00361
-169.71	42.43	0.00326	-176.78	35.36	0.00296
-28.28	169.71	0.00290	-35.36	162.63	0.00320
-42.43	155.56	0.00355	-49.50	148.49	0.00396
-56.57	141.42	0.00445	-63.64	134.35	0.00502

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00570	-77.78	120.21	0.00649
-81.32	116.67	0.00692	-84.85	113.14	0.00731
-86.97	111.02	0.00750	-88.39	109.60	0.00759
-89.80	108.19	0.00766	-91.22	106.77	0.00767
-92.63	105.36	0.00762	-105.36	92.63	0.00605
-106.77	91.22	0.00597	-108.19	89.80	0.00592
-109.60	88.39	0.00589	-111.02	86.97	0.00588
-113.14	84.85	0.00585	-116.67	81.32	0.00578
-120.21	77.78	0.00567	-127.28	70.71	0.00537
-134.35	63.64	0.00496	-141.42	56.57	0.00453
-148.49	49.50	0.00411	-155.56	42.43	0.00372
-162.63	35.36	0.00337	-169.71	28.28	0.00306
-21.21	162.63	0.00292	-28.28	155.56	0.00321
-35.36	148.49	0.00356	-42.43	141.42	0.00398
-49.50	134.35	0.00446	-56.57	127.28	0.00504
-63.64	120.21	0.00573	-70.71	113.14	0.00651
-74.25	109.60	0.00694	-77.78	106.07	0.00733
-79.90	103.94	0.00752	-81.32	102.53	0.00760
-82.73	101.12	0.00766	-84.15	99.70	0.00775
-85.56	98.29	0.00775	-98.29	85.56	0.00609
-99.70	84.15	0.00602	-101.12	82.73	0.00598
-102.53	81.32	0.00596	-103.94	79.90	0.00594
-106.07	77.78	0.00591	-109.60	74.25	0.00584
-113.14	70.71	0.00574	-120.21	63.64	0.00544
-127.28	56.57	0.00504	-134.35	49.50	0.00461
-141.42	42.43	0.00419	-148.49	35.36	0.00380
-155.56	28.28	0.00346	-162.63	21.21	0.00314
-14.14	155.56	0.00293	-21.21	148.49	0.00323
-28.28	141.42	0.00358	-35.36	134.35	0.00399
-42.43	127.28	0.00448	-49.50	120.21	0.00506
-56.57	113.14	0.00575	-63.64	106.07	0.00654
-67.18	102.53	0.00696	-70.71	98.99	0.00736

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

18:33:00
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00755	-74.25	95.46	0.00764
-75.66	94.05	0.00769	-77.07	92.63	0.00774

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00776	-91.22	78.49	0.00612
-92.63	77.07	0.00606	-94.05	75.66	0.00603
-95.46	74.25	0.00600	-96.87	72.83	0.00598
-98.99	70.71	0.00595	-102.53	67.18	0.00589
-106.07	63.64	0.00579	-113.14	56.57	0.00549
-120.21	49.50	0.00510	-127.28	42.43	0.00468
-134.35	35.36	0.00426	-141.42	28.28	0.00387
-148.49	21.21	0.00353	-155.56	14.14	0.00322
-7.07	148.49	0.00293	-14.14	141.42	0.00323
-21.21	134.35	0.00358	-28.28	127.28	0.00400
-35.36	120.21	0.00449	-42.43	113.14	0.00507
-49.50	106.07	0.00576	-56.57	98.99	0.00656
-60.10	95.46	0.00697	-63.64	91.92	0.00738
-65.76	89.80	0.00758	-67.18	88.39	0.00768
-68.59	86.97	0.00773	-70.00	85.56	0.00775
-71.42	84.15	0.00778	-84.15	71.42	0.00616
-85.56	70.00	0.00610	-86.97	68.59	0.00606
-88.39	67.18	0.00604	-89.80	65.76	0.00602
-91.92	63.64	0.00599	-95.46	60.10	0.00593
-98.99	56.57	0.00583	-106.07	49.50	0.00554
-113.14	42.43	0.00515	-120.21	35.36	0.00473
-127.28	28.28	0.00432	-134.35	21.21	0.00393
-141.42	14.14	0.00358	-148.49	7.07	0.00327
0.00	141.42	0.00294	-7.07	134.35	0.00324
-14.14	127.28	0.00359	-21.21	120.21	0.00400
-28.28	113.14	0.00450	-35.36	106.07	0.00508
-42.43	98.99	0.00578	-49.50	91.92	0.00658
-53.03	88.39	0.00700	-56.57	84.85	0.00738
-58.69	82.73	0.00759	-60.10	81.32	0.00769
-61.52	79.90	0.00775	-62.93	78.49	0.00777
-64.35	77.07	0.00779	-77.07	64.35	0.00619
-78.49	62.93	0.00613	-79.90	61.52	0.00609
-81.32	60.10	0.00607	-82.73	58.69	0.00605
-84.85	56.57	0.00602	-88.39	53.03	0.00596
-91.92	49.50	0.00587	-98.99	42.43	0.00557
-106.07	35.36	0.00519	-113.14	28.28	0.00477
-120.21	21.21	0.00436	-127.28	14.14	0.00398
-134.35	7.07	0.00363	-141.42	0.00	0.00332

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

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

18:33:00
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00294	0.00	127.28	0.00324
-7.07	120.21	0.00359	-14.14	113.14	0.00401
-21.21	106.07	0.00450	-28.28	98.99	0.00509
-35.36	91.92	0.00579	-42.43	84.85	0.00659
-45.96	81.32	0.00701	-49.50	77.78	0.00741
-51.62	75.66	0.00760	-53.03	74.25	0.00770
-54.45	72.83	0.00777	-55.86	71.42	0.00779
-57.28	70.00	0.00779	-70.00	57.28	0.00622
-71.42	55.86	0.00615	-72.83	54.45	0.00612
-74.25	53.03	0.00609	-75.66	51.62	0.00608
-77.78	49.50	0.00605	-81.32	45.96	0.00599
-84.85	42.43	0.00589	-91.92	35.36	0.00560
-98.99	28.28	0.00522	-106.07	21.21	0.00481
-113.14	14.14	0.00440	-120.21	7.07	0.00402
-127.28	0.00	0.00368	-134.35	-7.07	0.00337
14.14	127.28	0.00294	7.07	120.21	0.00324
0.00	113.14	0.00359	-7.07	106.07	0.00401
-14.14	98.99	0.00451	-21.21	91.92	0.00510
-28.28	84.85	0.00580	-35.36	77.78	0.00660
-38.89	74.25	0.00702	-42.43	70.71	0.00742
-44.55	68.59	0.00762	-45.96	67.18	0.00771
-47.38	65.76	0.00777	-48.79	64.35	0.00780
-50.20	62.93	0.00778	-62.93	50.20	0.00624
-64.35	48.79	0.00618	-65.76	47.38	0.00614
-67.18	45.96	0.00612	-68.59	44.55	0.00610
-70.71	42.43	0.00607	-74.25	38.89	0.00601
-77.78	35.36	0.00592	-84.85	28.28	0.00563
-91.92	21.21	0.00525	-98.99	14.14	0.00484
-106.07	7.07	0.00443	-113.14	0.00	0.00405
-120.21	-7.07	0.00371	-127.28	-14.14	0.00340
21.21	120.21	0.00294	14.14	113.14	0.00324
7.07	106.07	0.00359	0.00	98.99	0.00401
-7.07	91.92	0.00451	-14.14	84.85	0.00510
-21.21	77.78	0.00580	-28.28	70.71	0.00661
-31.82	67.18	0.00703	-35.36	63.64	0.00743
-37.48	61.52	0.00763	-38.89	60.10	0.00773
-40.31	58.69	0.00779	-41.72	57.28	0.00781
-43.13	55.86	0.00779	-55.86	43.13	0.00626
-57.28	41.72	0.00619	-58.69	40.31	0.00616
-60.10	38.89	0.00614	-61.52	37.48	0.00612

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

*** NCRA Cumulative DPM Impacts

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

18:33:00

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00609	-67.18	31.82	0.00603
-70.71	28.28	0.00594	-77.78	21.21	0.00565
-84.85	14.14	0.00527	-91.92	7.07	0.00486
-98.99	0.00	0.00446	-106.07	-7.07	0.00408
-113.14	-14.14	0.00374	-120.21	-21.21	0.00343
28.28	113.14	0.00293	21.21	106.07	0.00324
14.14	98.99	0.00359	7.07	91.92	0.00401
0.00	84.85	0.00451	-7.07	77.78	0.00510
-14.14	70.71	0.00580	-21.21	63.64	0.00661
-24.75	60.10	0.00705	-28.28	56.57	0.00745
-30.41	54.45	0.00764	-31.82	53.03	0.00773
-33.23	51.62	0.00779	-34.65	50.20	0.00782
-36.06	48.79	0.00780	-48.79	36.06	0.00628
-50.20	34.65	0.00621	-51.62	33.23	0.00617
-53.03	31.82	0.00615	-54.45	30.41	0.00613
-56.57	28.28	0.00610	-60.10	24.75	0.00604
-63.64	21.21	0.00595	-70.71	14.14	0.00566
-77.78	7.07	0.00528	-84.85	0.00	0.00488
-91.92	-7.07	0.00448	-98.99	-14.14	0.00410
-106.07	-21.21	0.00376	-113.14	-28.28	0.00346
35.36	106.07	0.00293	28.28	98.99	0.00323
21.21	91.92	0.00359	14.14	84.85	0.00401
7.07	77.78	0.00451	0.00	70.71	0.00510
-7.07	63.64	0.00580	-14.14	56.57	0.00661
-17.68	53.03	0.00705	-21.21	49.50	0.00745
-23.33	47.38	0.00765	-24.75	45.96	0.00776
-26.16	44.55	0.00783	-27.58	43.13	0.00785
-28.99	41.72	0.00781	-41.72	28.99	0.00630
-43.13	27.58	0.00623	-44.55	26.16	0.00618
-45.96	24.75	0.00616	-47.38	23.33	0.00614
-49.50	21.21	0.00612	-53.03	17.68	0.00606
-56.57	14.14	0.00596	-63.64	7.07	0.00567
-70.71	0.00	0.00530	-77.78	-7.07	0.00489
-84.85	-14.14	0.00449	-91.92	-21.21	0.00412

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00378	-106.07	-35.36	0.00348
42.43	98.99	0.00292	35.36	91.92	0.00322
28.28	84.85	0.00358	21.21	77.78	0.00400
14.14	70.71	0.00450	7.07	63.64	0.00510
0.00	56.57	0.00580	-7.07	49.50	0.00660
-10.61	45.96	0.00704	-14.14	42.43	0.00745

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

18:33:00
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00764	-17.68	38.89	0.00774
-19.09	37.48	0.00780	-20.51	36.06	0.00789
-21.92	34.65	0.00790	-34.65	21.92	0.00629
-36.06	20.51	0.00623	-37.48	19.09	0.00619
-38.89	17.68	0.00617	-40.31	16.26	0.00615
-42.43	14.14	0.00613	-45.96	10.61	0.00607
-49.50	7.07	0.00597	-56.57	0.00	0.00568
-63.64	-7.07	0.00531	-70.71	-14.14	0.00490
-77.78	-21.21	0.00451	-84.85	-28.28	0.00414
-91.92	-35.36	0.00380	-98.99	-42.43	0.00350
49.50	91.92	0.00291	42.43	84.85	0.00321
35.36	77.78	0.00357	28.28	70.71	0.00399
21.21	63.64	0.00449	14.14	56.57	0.00509
7.07	49.50	0.00580	0.00	42.43	0.00660
-3.54	38.89	0.00703	-7.07	35.36	0.00745
-9.19	33.23	0.00765	-10.61	31.82	0.00775
-12.02	30.41	0.00780	-13.44	28.99	0.00786
-14.85	27.58	0.00788	-27.58	14.85	0.00628
-28.99	13.44	0.00623	-30.41	12.02	0.00619
-31.82	10.61	0.00617	-33.23	9.19	0.00616
-35.36	7.07	0.00613	-38.89	3.54	0.00607
-42.43	0.00	0.00598	-49.50	-7.07	0.00569
-56.57	-14.14	0.00532	-63.64	-21.21	0.00491
-70.71	-28.28	0.00452	-77.78	-35.36	0.00415
-84.85	-42.43	0.00381	-91.92	-49.50	0.00351
56.57	84.85	0.00289	49.50	77.78	0.00320
42.43	70.71	0.00356	35.36	63.64	0.00398
28.28	56.57	0.00449	21.21	49.50	0.00508

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00579	7.07	35.36	0.00661
3.54	31.82	0.00703	0.00	28.28	0.00744
-2.12	26.16	0.00765	-3.54	24.75	0.00775
-4.95	23.33	0.00781	-6.36	21.92	0.00783
-7.78	20.51	0.00787	-20.51	7.78	0.00629
-21.92	6.36	0.00623	-23.33	4.95	0.00619
-24.75	3.54	0.00617	-26.16	2.12	0.00616
-28.28	0.00	0.00613	-31.82	-3.54	0.00607
-35.36	-7.07	0.00598	-42.43	-14.14	0.00570
-49.50	-21.21	0.00532	-56.57	-28.28	0.00492
-63.64	-35.36	0.00452	-70.71	-42.43	0.00416
-77.78	-49.50	0.00382	-84.85	-56.57	0.00352

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00288	56.57	70.71	0.00319
49.50	63.64	0.00355	42.43	56.57	0.00397
35.36	49.50	0.00448	28.28	42.43	0.00508
21.21	35.36	0.00578	14.14	28.28	0.00660
10.61	24.75	0.00703	7.07	21.21	0.00743
4.95	19.09	0.00764	3.54	17.68	0.00774
2.12	16.26	0.00781	0.71	14.85	0.00783
-0.71	13.44	0.00785	-13.44	0.71	0.00629
-14.85	-0.71	0.00623	-16.26	-2.12	0.00619
-17.68	-3.54	0.00617	-19.09	-4.95	0.00616
-21.21	-7.07	0.00613	-24.75	-10.61	0.00608
-28.28	-14.14	0.00598	-35.36	-21.21	0.00570
-42.43	-28.28	0.00533	-49.50	-35.36	0.00492
-56.57	-42.43	0.00453	-63.64	-49.50	0.00416
-70.71	-56.57	0.00383	-77.78	-63.64	0.00353
70.71	70.71	0.00286	63.64	63.64	0.00317
56.57	56.57	0.00353	49.50	49.50	0.00396
42.43	42.43	0.00446	35.36	35.36	0.00506
28.28	28.28	0.00578	21.21	21.21	0.00659
17.68	17.68	0.00702	14.14	14.14	0.00743
12.02	12.02	0.00762	10.61	10.61	0.00773
9.19	9.19	0.00780	7.78	7.78	0.00783

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00783	-6.36	-6.36	0.00629
-7.78	-7.78	0.00623	-9.19	-9.19	0.00619
-10.61	-10.61	0.00617	-12.02	-12.02	0.00615
-14.14	-14.14	0.00613	-17.68	-17.68	0.00607
-21.21	-21.21	0.00598	-28.28	-28.28	0.00570
-35.36	-35.36	0.00533	-42.43	-42.43	0.00493
-49.50	-49.50	0.00453	-56.57	-56.57	0.00417
-63.64	-63.64	0.00383	-70.71	-70.71	0.00353
77.78	63.64	0.00284	70.71	56.57	0.00315
63.64	49.50	0.00351	56.57	42.43	0.00394
49.50	35.36	0.00445	42.43	28.28	0.00505
35.36	21.21	0.00576	28.28	14.14	0.00658
24.75	10.61	0.00702	21.21	7.07	0.00742
19.09	4.95	0.00762	17.68	3.54	0.00772
16.26	2.12	0.00779	14.85	0.71	0.00782
13.44	-0.71	0.00780	0.71	-13.44	0.00629
-0.71	-14.85	0.00622	-2.12	-16.26	0.00619
-3.54	-17.68	0.00617	-4.95	-19.09	0.00615

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

18:33:00
 **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
-7.07	-21.21	0.00613	-10.61	-24.75	0.00607
-14.14	-28.28	0.00598	-21.21	-35.36	0.00570
-28.28	-42.43	0.00533	-35.36	-49.50	0.00492
-42.43	-56.57	0.00453	-49.50	-63.64	0.00417
-56.57	-70.71	0.00384	-63.64	-77.78	0.00354
84.85	56.57	0.00281	77.78	49.50	0.00313
70.71	42.43	0.00349	63.64	35.36	0.00392
56.57	28.28	0.00443	49.50	21.21	0.00503
42.43	14.14	0.00575	35.36	7.07	0.00657
31.82	3.54	0.00701	28.28	0.00	0.00741
26.16	-2.12	0.00761	24.75	-3.54	0.00772
23.33	-4.95	0.00778	21.92	-6.36	0.00780
20.51	-7.78	0.00779	7.78	-20.51	0.00628
6.36	-21.92	0.00621	4.95	-23.33	0.00618
3.54	-24.75	0.00616	2.12	-26.16	0.00615
0.00	-28.28	0.00612	-3.54	-31.82	0.00606

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00597	-14.14	-42.43	0.00569
-21.21	-49.50	0.00532	-28.28	-56.57	0.00492
-35.36	-63.64	0.00453	-42.43	-70.71	0.00417
-49.50	-77.78	0.00384	-56.57	-84.85	0.00354
91.92	49.50	0.00278	84.85	42.43	0.00310
77.78	35.36	0.00347	70.71	28.28	0.00390
63.64	21.21	0.00441	56.57	14.14	0.00501
49.50	7.07	0.00573	42.43	0.00	0.00655
38.89	-3.54	0.00700	35.36	-7.07	0.00741
33.23	-9.19	0.00761	31.82	-10.61	0.00770
30.41	-12.02	0.00776	28.99	-13.44	0.00779
27.58	-14.85	0.00777	14.85	-27.58	0.00628
13.44	-28.99	0.00621	12.02	-30.41	0.00617
10.61	-31.82	0.00615	9.19	-33.23	0.00614
7.07	-35.36	0.00611	3.54	-38.89	0.00606
0.00	-42.43	0.00597	-7.07	-49.50	0.00568
-14.14	-56.57	0.00532	-21.21	-63.64	0.00492
-28.28	-70.71	0.00453	-35.36	-77.78	0.00417
-42.43	-84.85	0.00383	-49.50	-91.92	0.00354
98.99	42.43	0.00275	91.92	35.36	0.00307
84.85	28.28	0.00344	77.78	21.21	0.00387
70.71	14.14	0.00438	63.64	7.07	0.00499
56.57	0.00	0.00571	49.50	-7.07	0.00653
45.96	-10.61	0.00698	42.43	-14.14	0.00739

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

18:33:00
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00760	38.89	-17.68	0.00770
37.48	-19.09	0.00778	36.06	-20.51	0.00781
34.65	-21.92	0.00777	21.92	-34.65	0.00627
20.51	-36.06	0.00620	19.09	-37.48	0.00616
17.68	-38.89	0.00614	16.26	-40.31	0.00613
14.14	-42.43	0.00610	10.61	-45.96	0.00605
7.07	-49.50	0.00595	0.00	-56.57	0.00568
-7.07	-63.64	0.00531	-14.14	-70.71	0.00491
-21.21	-77.78	0.00452	-28.28	-84.85	0.00416
-35.36	-91.92	0.00383	-42.43	-98.99	0.00353

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00271	98.99	28.28	0.00303
91.92	21.21	0.00341	84.85	14.14	0.00384
77.78	7.07	0.00436	70.71	0.00	0.00496
63.64	-7.07	0.00568	56.57	-14.14	0.00651
53.03	-17.68	0.00695	49.50	-21.21	0.00737
47.38	-23.33	0.00757	45.96	-24.75	0.00766
44.55	-26.16	0.00773	43.13	-27.58	0.00782
41.72	-28.99	0.00783	28.99	-41.72	0.00625
27.58	-43.13	0.00619	26.16	-44.55	0.00615
24.75	-45.96	0.00613	23.33	-47.38	0.00611
21.21	-49.50	0.00609	17.68	-53.03	0.00603
14.14	-56.57	0.00594	7.07	-63.64	0.00566
0.00	-70.71	0.00530	-7.07	-77.78	0.00490
-14.14	-84.85	0.00452	-21.21	-91.92	0.00415
-28.28	-98.99	0.00383	-35.36	-106.07	0.00353
113.14	28.28	0.00266	106.07	21.21	0.00299
98.99	14.14	0.00337	91.92	7.07	0.00381
84.85	0.00	0.00432	77.78	-7.07	0.00493
70.71	-14.14	0.00566	63.64	-21.21	0.00648
60.10	-24.75	0.00692	56.57	-28.28	0.00735
54.45	-30.41	0.00755	53.03	-31.82	0.00765
51.62	-33.23	0.00771	50.20	-34.65	0.00777
48.79	-36.06	0.00779	36.06	-48.79	0.00622
34.65	-50.20	0.00616	33.23	-51.62	0.00613
31.82	-53.03	0.00611	30.41	-54.45	0.00610
28.28	-56.57	0.00607	24.75	-60.10	0.00602
21.21	-63.64	0.00593	14.14	-70.71	0.00565
7.07	-77.78	0.00529	0.00	-84.85	0.00489
-7.07	-91.92	0.00451	-14.14	-98.99	0.00415
-21.21	-106.07	0.00382	-28.28	-113.14	0.00352

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

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00260	113.14	14.14	0.00293
106.07	7.07	0.00332	98.99	0.00	0.00376
91.92	-7.07	0.00428	84.85	-14.14	0.00490
77.78	-21.21	0.00562	70.71	-28.28	0.00646

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00689	63.64	-35.36	0.00731
61.52	-37.48	0.00753	60.10	-38.89	0.00763
58.69	-40.31	0.00769	57.28	-41.72	0.00772
55.86	-43.13	0.00776	43.13	-55.86	0.00620
41.72	-57.28	0.00614	40.31	-58.69	0.00611
38.89	-60.10	0.00609	37.48	-61.52	0.00607
35.36	-63.64	0.00605	31.82	-67.18	0.00600
28.28	-70.71	0.00591	21.21	-77.78	0.00564
14.14	-84.85	0.00527	7.07	-91.92	0.00488
0.00	-98.99	0.00449	-7.07	-106.07	0.00413
-14.14	-113.14	0.00381	-21.21	-120.21	0.00351
127.28	14.14	0.00254	120.21	7.07	0.00287
113.14	0.00	0.00326	106.07	-7.07	0.00371
98.99	-14.14	0.00424	91.92	-21.21	0.00486
84.85	-28.28	0.00558	77.78	-35.36	0.00642
74.25	-38.89	0.00686	70.71	-42.43	0.00727
68.59	-44.55	0.00748	67.18	-45.96	0.00759
65.76	-47.38	0.00767	64.35	-48.79	0.00769
62.93	-50.20	0.00772	50.20	-62.93	0.00617
48.79	-64.35	0.00611	47.38	-65.76	0.00608
45.96	-67.18	0.00606	44.55	-68.59	0.00605
42.43	-70.71	0.00603	38.89	-74.25	0.00598
35.36	-77.78	0.00589	28.28	-84.85	0.00562
21.21	-91.92	0.00526	14.14	-98.99	0.00486
7.07	-106.07	0.00448	0.00	-113.14	0.00412
-7.07	-120.21	0.00379	-14.14	-127.28	0.00349
134.35	7.07	0.00246	127.28	0.00	0.00280
120.21	-7.07	0.00319	113.14	-14.14	0.00365
106.07	-21.21	0.00418	98.99	-28.28	0.00480
91.92	-35.36	0.00554	84.85	-42.43	0.00638
81.32	-45.96	0.00682	77.78	-49.50	0.00724
75.66	-51.62	0.00744	74.25	-53.03	0.00755
72.83	-54.45	0.00763	71.42	-55.86	0.00766
70.00	-57.28	0.00766	57.28	-70.00	0.00615
55.86	-71.42	0.00609	54.45	-72.83	0.00605
53.03	-74.25	0.00603	51.62	-75.66	0.00602

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

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

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00600	45.96	-81.32	0.00595
42.43	-84.85	0.00587	35.36	-91.92	0.00560
28.28	-98.99	0.00524	21.21	-106.07	0.00485
14.14	-113.14	0.00446	7.07	-120.21	0.00410
0.00	-127.28	0.00377	-7.07	-134.35	0.00347
141.42	0.00	0.00237	134.35	-7.07	0.00271
127.28	-14.14	0.00311	120.21	-21.21	0.00357
113.14	-28.28	0.00411	106.07	-35.36	0.00474
98.99	-42.43	0.00548	91.92	-49.50	0.00633
88.39	-53.03	0.00678	84.85	-56.57	0.00720
82.73	-58.69	0.00741	81.32	-60.10	0.00751
79.90	-61.52	0.00758	78.49	-62.93	0.00761
77.07	-64.35	0.00760	64.35	-77.07	0.00611
62.93	-78.49	0.00605	61.52	-79.90	0.00602
60.10	-81.32	0.00600	58.69	-82.73	0.00599
56.57	-84.85	0.00597	53.03	-88.39	0.00592
49.50	-91.92	0.00584	42.43	-98.99	0.00557
35.36	-106.07	0.00521	28.28	-113.14	0.00482
21.21	-120.21	0.00444	14.14	-127.28	0.00408
7.07	-134.35	0.00375	0.00	-141.42	0.00345
148.49	-7.07	0.00227	141.42	-14.14	0.00261
134.35	-21.21	0.00301	127.28	-28.28	0.00348
120.21	-35.36	0.00403	113.14	-42.43	0.00467
106.07	-49.50	0.00542	98.99	-56.57	0.00627
95.46	-60.10	0.00672	91.92	-63.64	0.00714
89.80	-65.76	0.00736	88.39	-67.18	0.00746
86.97	-68.59	0.00753	85.56	-70.00	0.00756
84.15	-71.42	0.00756	71.42	-84.15	0.00608
70.00	-85.56	0.00601	68.59	-86.97	0.00598
67.18	-88.39	0.00596	65.76	-89.80	0.00595
63.64	-91.92	0.00593	60.10	-95.46	0.00588
56.57	-98.99	0.00580	49.50	-106.07	0.00554
42.43	-113.14	0.00519	35.36	-120.21	0.00480
28.28	-127.28	0.00441	21.21	-134.35	0.00405
14.14	-141.42	0.00372	7.07	-148.49	0.00342
155.56	-14.14	0.00216	148.49	-21.21	0.00249
141.42	-28.28	0.00289	134.35	-35.36	0.00336
127.28	-42.43	0.00392	120.21	-49.50	0.00457
113.14	-56.57	0.00533	106.07	-63.64	0.00620
102.53	-67.18	0.00666	98.99	-70.71	0.00709

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

*** NCRA Cumulative DPM Impacts

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00730	95.46	-74.25	0.00740
94.05	-75.66	0.00747	92.63	-77.07	0.00750
91.22	-78.49	0.00749	78.49	-91.22	0.00604
77.07	-92.63	0.00597	75.66	-94.05	0.00593
74.25	-95.46	0.00592	72.83	-96.87	0.00591
70.71	-98.99	0.00589	67.18	-102.53	0.00584
63.64	-106.07	0.00576	56.57	-113.14	0.00550
49.50	-120.21	0.00515	42.43	-127.28	0.00477
35.36	-134.35	0.00438	28.28	-141.42	0.00401
21.21	-148.49	0.00368	14.14	-155.56	0.00338
162.63	-21.21	0.00203	155.56	-28.28	0.00235
148.49	-35.36	0.00274	141.42	-42.43	0.00322
134.35	-49.50	0.00379	127.28	-56.57	0.00446
120.21	-63.64	0.00523	113.14	-70.71	0.00611
109.60	-74.25	0.00658	106.07	-77.78	0.00701
103.94	-79.90	0.00723	102.53	-81.32	0.00735
101.12	-82.73	0.00744	99.70	-84.15	0.00747
98.29	-85.56	0.00744	85.56	-98.29	0.00598
84.15	-99.70	0.00592	82.73	-101.12	0.00588
81.32	-102.53	0.00586	79.90	-103.94	0.00585
77.78	-106.07	0.00584	74.25	-109.60	0.00579
70.71	-113.14	0.00572	63.64	-120.21	0.00546
56.57	-127.28	0.00511	49.50	-134.35	0.00473
42.43	-141.42	0.00434	35.36	-148.49	0.00397
28.28	-155.56	0.00363	21.21	-162.63	0.00334
169.71	-28.28	0.00189	162.63	-35.36	0.00220
155.56	-42.43	0.00258	148.49	-49.50	0.00304
141.42	-56.57	0.00362	134.35	-63.64	0.00430
127.28	-70.71	0.00510	120.21	-77.78	0.00599
116.67	-81.32	0.00647	113.14	-84.85	0.00691
111.02	-86.97	0.00713	109.60	-88.39	0.00724
108.19	-89.80	0.00732	106.77	-91.22	0.00742
105.36	-92.63	0.00744	92.63	-105.36	0.00591
91.22	-106.77	0.00585	89.80	-108.19	0.00582
88.39	-109.60	0.00580	86.97	-111.02	0.00579
84.85	-113.14	0.00578	81.32	-116.67	0.00574

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00566	70.71	-127.28	0.00541
63.64	-134.35	0.00507	56.57	-141.42	0.00467
49.50	-148.49	0.00428	42.43	-155.56	0.00391
35.36	-162.63	0.00358	28.28	-169.71	0.00328

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00175	169.71	-42.43	0.00203
162.63	-49.50	0.00239	155.56	-56.57	0.00284
148.49	-63.64	0.00340	141.42	-70.71	0.00410
134.35	-77.78	0.00493	127.28	-84.85	0.00585
123.74	-88.39	0.00633	120.21	-91.92	0.00679
118.09	-94.05	0.00702	116.67	-95.46	0.00713
115.26	-96.87	0.00721	113.84	-98.29	0.00728
112.43	-99.70	0.00732	99.70	-112.43	0.00581
98.29	-113.84	0.00576	96.87	-115.26	0.00574
95.46	-116.67	0.00573	94.05	-118.09	0.00572
91.92	-120.21	0.00571	88.39	-123.74	0.00568
84.85	-127.28	0.00560	77.78	-134.35	0.00536
70.71	-141.42	0.00500	63.64	-148.49	0.00461
56.57	-155.56	0.00421	49.50	-162.63	0.00385
42.43	-169.71	0.00351	35.36	-176.78	0.00322
183.85	-42.43	0.00160	176.78	-49.50	0.00185
169.71	-56.57	0.00218	162.63	-63.64	0.00260
155.56	-70.71	0.00314	148.49	-77.78	0.00383
141.42	-84.85	0.00468	134.35	-91.92	0.00566
130.81	-95.46	0.00615	127.28	-98.99	0.00663
125.16	-101.12	0.00687	123.74	-102.53	0.00700
122.33	-103.94	0.00708	120.92	-105.36	0.00713
119.50	-106.77	0.00718	106.77	-119.50	0.00572
105.36	-120.92	0.00567	103.94	-122.33	0.00564
102.53	-123.74	0.00564	101.12	-125.16	0.00563
98.99	-127.28	0.00563	95.46	-130.81	0.00560
91.92	-134.35	0.00553	84.85	-141.42	0.00528
77.78	-148.49	0.00492	70.71	-155.56	0.00452
63.64	-162.63	0.00413	56.57	-169.71	0.00376
49.50	-176.78	0.00343	42.43	-183.85	0.00314

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00145	183.85	-56.57	0.00168
176.78	-63.64	0.00196	169.71	-70.71	0.00233
162.63	-77.78	0.00283	155.56	-84.85	0.00349
148.49	-91.92	0.00435	141.42	-98.99	0.00538
137.89	-102.53	0.00592	134.35	-106.07	0.00641
132.23	-108.19	0.00667	130.81	-109.60	0.00681
129.40	-111.02	0.00691	127.99	-112.43	0.00697
126.57	-113.84	0.00702	113.84	-126.57	0.00560
112.43	-127.99	0.00556	111.02	-129.40	0.00554
109.60	-130.81	0.00553	108.19	-132.23	0.00553

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

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00553	102.53	-137.89	0.00551
98.99	-141.42	0.00544	91.92	-148.49	0.00518
84.85	-155.56	0.00481	77.78	-162.63	0.00441
70.71	-169.71	0.00402	63.64	-176.78	0.00366
56.57	-183.85	0.00334	49.50	-190.92	0.00305
197.99	-56.57	0.00130	190.92	-63.64	0.00150
183.85	-70.71	0.00174	176.78	-77.78	0.00206
169.71	-84.85	0.00249	162.63	-91.92	0.00308
155.56	-98.99	0.00389	148.49	-106.07	0.00496
144.96	-109.60	0.00555	141.42	-113.14	0.00611
139.30	-115.26	0.00639	137.89	-116.67	0.00655
136.47	-118.09	0.00667	135.06	-119.50	0.00674
133.64	-120.92	0.00679	120.92	-133.64	0.00547
119.50	-135.06	0.00542	118.09	-136.47	0.00541
116.67	-137.89	0.00540	115.26	-139.30	0.00541
113.14	-141.42	0.00541	109.60	-144.96	0.00539
106.07	-148.49	0.00532	98.99	-155.56	0.00505
91.92	-162.63	0.00467	84.85	-169.71	0.00427
77.78	-176.78	0.00389	70.71	-183.85	0.00354
63.64	-190.92	0.00322	56.57	-197.99	0.00295
205.06	-63.64	0.00116	197.99	-70.71	0.00132
190.92	-77.78	0.00153	183.85	-84.85	0.00179
176.78	-91.92	0.00214	169.71	-98.99	0.00262
162.63	-106.07	0.00332	155.56	-113.14	0.00434

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00497	148.49	-120.21	0.00562
146.37	-122.33	0.00597	144.96	-123.74	0.00616
143.54	-125.16	0.00631	142.13	-126.57	0.00642
140.71	-127.99	0.00648	127.99	-140.71	0.00530
126.57	-142.13	0.00526	125.16	-143.54	0.00525
123.74	-144.96	0.00526	122.33	-146.37	0.00526
120.21	-148.49	0.00526	116.67	-152.03	0.00523
113.14	-155.56	0.00514	106.07	-162.63	0.00486
98.99	-169.71	0.00448	91.92	-176.78	0.00409
84.85	-183.85	0.00372	77.78	-190.92	0.00338
70.71	-197.99	0.00308	63.64	-205.06	0.00282
212.13	-70.71	0.00102	205.06	-77.78	0.00115
197.99	-84.85	0.00132	190.92	-91.92	0.00153
183.85	-98.99	0.00180	176.78	-106.07	0.00217
169.71	-113.14	0.00270	162.63	-120.21	0.00351
159.10	-123.74	0.00408	155.56	-127.28	0.00478

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

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00521	152.03	-130.81	0.00548
150.61	-132.23	0.00571	149.20	-133.64	0.00589
147.79	-135.06	0.00602	135.06	-147.79	0.00511
133.64	-149.20	0.00507	132.23	-150.61	0.00506
130.81	-152.03	0.00506	129.40	-153.44	0.00506
127.28	-155.56	0.00505	123.74	-159.10	0.00499
120.21	-162.63	0.00489	113.14	-169.71	0.00460
106.07	-176.78	0.00424	98.99	-183.85	0.00387
91.92	-190.92	0.00351	84.85	-197.99	0.00320
77.78	-205.06	0.00292	70.71	-212.13	0.00267
219.20	-77.78	0.00089	212.13	-84.85	0.00099
205.06	-91.92	0.00112	197.99	-98.99	0.00128
190.92	-106.07	0.00148	183.85	-113.14	0.00175
176.78	-120.21	0.00211	169.71	-127.28	0.00263
166.17	-130.81	0.00300	162.63	-134.35	0.00350
160.51	-136.47	0.00389	159.10	-137.89	0.00418
157.68	-139.30	0.00449	156.27	-140.71	0.00481
154.86	-142.13	0.00510	142.13	-154.86	0.00485

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00480	139.30	-157.68	0.00477
137.89	-159.10	0.00475	136.47	-160.51	0.00473
134.35	-162.63	0.00470	130.81	-166.17	0.00462
127.28	-169.71	0.00452	120.21	-176.78	0.00424
113.14	-183.85	0.00391	106.07	-190.92	0.00357
98.99	-197.99	0.00326	91.92	-205.06	0.00298
84.85	-212.13	0.00273	77.78	-219.20	0.00251
226.27	-84.85	0.00077	219.20	-91.92	0.00085
212.13	-98.99	0.00095	205.06	-106.07	0.00106
197.99	-113.14	0.00120	190.92	-120.21	0.00137
183.85	-127.28	0.00159	176.78	-134.35	0.00188
173.24	-137.89	0.00205	169.71	-141.42	0.00226
167.58	-143.54	0.00241	166.17	-144.96	0.00252
164.76	-146.37	0.00266	163.34	-147.79	0.00283
161.93	-149.20	0.00307	149.20	-161.93	0.00430
147.79	-163.34	0.00423	146.37	-164.76	0.00418
144.96	-166.17	0.00415	143.54	-167.58	0.00413
141.42	-169.71	0.00410	137.89	-173.24	0.00405
134.35	-176.78	0.00397	127.28	-183.85	0.00376
120.21	-190.92	0.00350	113.14	-197.99	0.00323
106.07	-205.06	0.00297	98.99	-212.13	0.00273
91.92	-219.20	0.00252	84.85	-226.27	0.00233

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00067	226.27	-98.99	0.00073
219.20	-106.07	0.00080	212.13	-113.14	0.00088
205.06	-120.21	0.00097	197.99	-127.28	0.00108
190.92	-134.35	0.00120	183.85	-141.42	0.00133
180.31	-144.96	0.00140	176.78	-148.49	0.00147
174.66	-150.61	0.00150	173.24	-152.03	0.00152
171.83	-153.44	0.00154	170.41	-154.86	0.00156
169.00	-156.27	0.00159	156.27	-169.00	0.00273
154.86	-170.41	0.00285	153.44	-171.83	0.00296
152.03	-173.24	0.00304	150.61	-174.66	0.00310
148.49	-176.78	0.00317	144.96	-180.31	0.00323
141.42	-183.85	0.00325	134.35	-190.92	0.00317

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00302	120.21	-205.06	0.00284
113.14	-212.13	0.00264	106.07	-219.20	0.00246
98.99	-226.27	0.00229	91.92	-233.35	0.00213
240.42	-98.99	0.00058	233.35	-106.07	0.00063
226.27	-113.14	0.00068	219.20	-120.21	0.00073
212.13	-127.28	0.00080	205.06	-134.35	0.00087
197.99	-141.42	0.00094	190.92	-148.49	0.00101
187.38	-152.03	0.00105	183.85	-155.56	0.00108
181.73	-157.68	0.00111	180.31	-159.10	0.00114
178.90	-160.51	0.00116	177.48	-161.93	0.00119
176.07	-163.34	0.00123	163.34	-176.07	0.00180
161.93	-177.48	0.00188	160.51	-178.90	0.00196
159.10	-180.31	0.00204	157.68	-181.73	0.00212
155.56	-183.85	0.00222	152.03	-187.38	0.00237
148.49	-190.92	0.00246	141.42	-197.99	0.00254
134.35	-205.06	0.00251	127.28	-212.13	0.00242
120.21	-219.20	0.00230	113.14	-226.27	0.00218
106.07	-233.35	0.00205	98.99	-240.42	0.00193
247.49	-106.07	0.00051	240.42	-113.14	0.00054
233.35	-120.21	0.00058	226.27	-127.28	0.00062
219.20	-134.35	0.00067	212.13	-141.42	0.00071
205.06	-148.49	0.00076	197.99	-155.56	0.00081
194.45	-159.10	0.00085	190.92	-162.63	0.00089
188.80	-164.76	0.00092	187.38	-166.17	0.00094
185.97	-167.58	0.00097	184.55	-169.00	0.00100
183.14	-170.41	0.00104	170.41	-183.14	0.00140
169.00	-184.55	0.00144	167.58	-185.97	0.00148
166.17	-187.38	0.00152	164.76	-188.80	0.00157

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

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00164	159.10	-194.45	0.00175
155.56	-197.99	0.00184	148.49	-205.06	0.00197
141.42	-212.13	0.00202	134.35	-219.20	0.00201
127.28	-226.27	0.00196	120.21	-233.35	0.00189
113.14	-240.42	0.00181	106.07	-247.49	0.00173

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

04/20/08

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

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00618 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00618 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00618 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (-12.02, 30.41, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00618 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00618 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA

16NCRA NAPA94-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00609	AT (	-130.81,	152.03,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00608	AT (	-139.30,	157.68,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00790	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00789	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00788	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00787	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00786	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00785	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00785	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00783	AT (	-6.36,	21.92,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00783	AT (	0.71,	14.85,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00783	AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 162 Informational Message(s)
 A Total of 162 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
