

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 19:03:35

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\20NCRA\_NAPA01-300\_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
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RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
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
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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
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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
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RE DISCCART	-21.21	63.64	1.2
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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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RE DISCCART	-91.92	-7.07	1.2
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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
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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
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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  
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RE DISCCART -9.19 33.23 1.2  
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RE DISCCART -13.44 28.99 1.2  
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RE DISCCART -27.58 14.85 1.2  
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RE DISCCART -33.23 9.19 1.2  
RE DISCCART -35.36 7.07 1.2  
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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  
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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
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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
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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
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RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
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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
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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
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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
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RE DISCCART	63.64	-176.78	1.2
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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
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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
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RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
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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
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RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
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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



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RE DISCCART	135.06	-147.79	1.2
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RE DISCCART	130.81	-152.03	1.2
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RE DISCCART	127.28	-155.56	1.2
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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
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RE DISCCART	77.78	-219.2	1.2
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RE DISCCART	219.2	-91.92	1.2
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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
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RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
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RE DISCCART	149.2	-161.93	1.2
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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
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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
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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  
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RE DISCCART 233.35 -120.21 1.2  
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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  
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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  
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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  
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RE FINISHED

ME STARTING

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

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2001

ME UAIRDATA 4901 2001

ME STARTEND 2001 01 01 1 2001 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\20NCRA\_NAPA01-300\_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 \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

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

\*\*Model Uses URBAN Dispersion.

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

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

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

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

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

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\20NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\20NCRA-1.LST

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

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

Table with columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes source IDs NCRA\_S1 through NCRA\_S5.

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

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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 \*\*\*

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\*\*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);

20NCRA\_NAPA01-300\_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);
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( -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);

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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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);



20NCRA\_NAPA01-300\_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 \*\*\*

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 \*\*MODELOPTs:  
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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);

20NCRA\_NAPA01-300\_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      \*\*\*

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 \*\*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);

20NCRA\_NAPA01-300\_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 \*\*\*      \*\*\* 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

\*\*\* 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);

20NCRA\_NAPA01-300\_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 \*\*\*

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\*\*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);

20NCRA\_NAPA01-300\_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 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* 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

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

20NCRA\_NAPA01-300\_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);

20NCRA\_NAPA01-300\_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 \*\*\* ICSCT3 - 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

\*\*\* 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);

20NCRA\_NAPA01-300\_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      \*\*\*

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\*\*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);



20NCRA\_NAPA01-300\_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 \*\*\* \*\*\* 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

\*\*\* 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);

20NCRA\_NAPA01-300\_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

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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

\*\*\* 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);

20NCRA\_NAPA01-300\_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 \*\*\*  
04/20/08

\*\*\* 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

\*\*\* 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);

20NCRA\_NAPA01-300\_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);

20NCRA\_NAPA01-300\_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 \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

20NCRA\_NAPA01-300\_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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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

19:03:36

\*\*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);

20NCRA\_NAPA01-300\_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      \*\*\*

19:03:36  
 \*\*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);



20NCRA\_NAPA01-300\_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 \*\*\*

19:03:36  
 \*\*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);

20NCRA\_NAPA01-300\_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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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URBAN FLAT    FLGPOL DFAULT

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



20NCRA\_NAPA01-300\_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)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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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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	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-99.00	212.13	0.00005	-106.07	205.06	0.00005
-113.14	197.99	0.00005	-120.21	190.92	0.00005
-127.28	183.85	0.00005	-134.35	176.78	0.00005
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

20NCRA\_NAPA01-300\_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	0.00004
-163.34	147.79	0.00004	-164.76	146.37	0.00004
-166.17	144.96	0.00004	-167.58	143.54	0.00004
-169.71	141.42	0.00004	-173.24	137.89	0.00004
-176.78	134.35	0.00004	-183.85	127.28	0.00004
-190.92	120.21	0.00004	-197.99	113.14	0.00004
-205.06	106.07	0.00004	-212.13	98.99	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00006	-84.85	212.13	0.00006
-91.92	205.06	0.00006	-99.00	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00005
-120.21	176.78	0.00005	-127.28	169.71	0.00005
-130.81	166.17	0.00005	-134.35	162.63	0.00005
-136.47	160.51	0.00005	-137.89	159.10	0.00005
-139.30	157.68	0.00005	-140.71	156.27	0.00005
-142.13	154.86	0.00005	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00005	-219.20	77.78	0.00004
-70.71	212.13	0.00007	-77.78	205.06	0.00006
-84.85	197.99	0.00006	-91.92	190.92	0.00006
-98.99	183.85	0.00006	-106.07	176.78	0.00005
-113.14	169.71	0.00005	-120.21	162.63	0.00005
-123.74	159.10	0.00005	-127.28	155.56	0.00005

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
-129.40	153.44	0.00005	-130.81	152.03	0.00005
-132.23	150.61	0.00005	-133.64	149.20	0.00005
-135.06	147.79	0.00005	-147.79	135.06	0.00005
-149.20	133.64	0.00005	-150.61	132.23	0.00005
-152.03	130.81	0.00005	-153.44	129.40	0.00005

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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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      \*\*

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36

\*\*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	0.00006	-123.74	88.39	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00006	-148.49	63.64	0.00006
-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	0.00009	-49.50	148.49	0.00009
-56.57	141.42	0.00008	-63.64	134.35	0.00008
-70.71	127.28	0.00007	-77.78	120.21	0.00007
-81.32	116.67	0.00007	-84.85	113.14	0.00007
-86.97	111.02	0.00007	-88.39	109.60	0.00007
-89.80	108.19	0.00007	-91.22	106.77	0.00007
-92.63	105.36	0.00007	-105.36	92.63	0.00007
-106.77	91.22	0.00007	-108.19	89.80	0.00007
-109.60	88.39	0.00007	-111.02	86.97	0.00007
-113.14	84.85	0.00007	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00010	-42.43	141.42	0.00009
-49.50	134.35	0.00009	-56.57	127.28	0.00008
-63.64	120.21	0.00008	-70.71	113.14	0.00008
-74.25	109.60	0.00008	-77.78	106.07	0.00007
-79.90	103.94	0.00007	-81.32	102.53	0.00007
-82.73	101.12	0.00007	-84.15	99.70	0.00007
-85.56	98.29	0.00007	-98.29	85.56	0.00007
-99.70	84.15	0.00007	-101.12	82.73	0.00007
-102.53	81.32	0.00007	-103.94	79.90	0.00007
-106.07	77.78	0.00007	-109.60	74.25	0.00007
-113.14	70.71	0.00007	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-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	0.00013	-21.21	148.49	0.00012
-28.28	141.42	0.00011	-35.36	134.35	0.00010

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00009	-49.50	120.21	0.00009
-56.57	113.14	0.00008	-63.64	106.07	0.00008
-67.18	102.53	0.00008	-70.71	98.99	0.00008

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

19:03:36  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00008	-74.25	95.46	0.00008
-75.66	94.05	0.00008	-77.07	92.63	0.00008
-78.49	91.22	0.00008	-91.22	78.49	0.00007
-92.63	77.07	0.00007	-94.05	75.66	0.00007
-95.46	74.25	0.00007	-96.87	72.83	0.00007
-98.99	70.71	0.00007	-102.53	67.18	0.00007
-106.07	63.64	0.00007	-113.14	56.57	0.00007
-120.21	49.50	0.00007	-127.28	42.43	0.00007
-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	0.00014	-14.14	141.42	0.00013
-21.21	134.35	0.00012	-28.28	127.28	0.00011
-35.36	120.21	0.00010	-42.43	113.14	0.00009
-49.50	106.07	0.00009	-56.57	98.99	0.00009
-60.10	95.46	0.00009	-63.64	91.92	0.00008
-65.76	89.80	0.00008	-67.18	88.39	0.00008
-68.59	86.97	0.00008	-70.00	85.56	0.00008
-71.42	84.15	0.00008	-84.15	71.42	0.00008
-85.56	70.00	0.00008	-86.97	68.59	0.00008
-88.39	67.18	0.00008	-89.80	65.76	0.00008
-91.92	63.64	0.00008	-95.46	60.10	0.00008
-98.99	56.57	0.00008	-106.07	49.50	0.00008
-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	0.00016	-7.07	134.35	0.00014
-14.14	127.28	0.00013	-21.21	120.21	0.00012
-28.28	113.14	0.00011	-35.36	106.07	0.00010
-42.43	98.99	0.00010	-49.50	91.92	0.00009
-53.03	88.39	0.00009	-56.57	84.85	0.00009
-58.69	82.73	0.00009	-60.10	81.32	0.00009

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00009	-62.93	78.49	0.00009
-64.35	77.07	0.00009	-77.07	64.35	0.00008
-78.49	62.93	0.00008	-79.90	61.52	0.00008
-81.32	60.10	0.00008	-82.73	58.69	0.00008
-84.85	56.57	0.00008	-88.39	53.03	0.00008
-91.92	49.50	0.00008	-98.99	42.43	0.00008
-106.07	35.36	0.00008	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	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\_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	0.00017	0.00	127.28	0.00016
-7.07	120.21	0.00014	-14.14	113.14	0.00013
-21.21	106.07	0.00012	-28.28	98.99	0.00011
-35.36	91.92	0.00010	-42.43	84.85	0.00010
-45.96	81.32	0.00010	-49.50	77.78	0.00010
-51.62	75.66	0.00010	-53.03	74.25	0.00010
-54.45	72.83	0.00010	-55.86	71.42	0.00009
-57.28	70.00	0.00009	-70.00	57.28	0.00009
-71.42	55.86	0.00009	-72.83	54.45	0.00009
-74.25	53.03	0.00009	-75.66	51.62	0.00009
-77.78	49.50	0.00009	-81.32	45.96	0.00009
-84.85	42.43	0.00009	-91.92	35.36	0.00009
-98.99	28.28	0.00009	-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	0.00019	7.07	120.21	0.00018
0.00	113.14	0.00016	-7.07	106.07	0.00014
-14.14	98.99	0.00013	-21.21	91.92	0.00012
-28.28	84.85	0.00011	-35.36	77.78	0.00011
-38.89	74.25	0.00011	-42.43	70.71	0.00010
-44.55	68.59	0.00010	-45.96	67.18	0.00010
-47.38	65.76	0.00010	-48.79	64.35	0.00010
-50.20	62.93	0.00010	-62.93	50.20	0.00010
-64.35	48.79	0.00010	-65.76	47.38	0.00010
-67.18	45.96	0.00010	-68.59	44.55	0.00010

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00010	-74.25	38.89	0.00010
-77.78	35.36	0.00010	-84.85	28.28	0.00010
-91.92	21.21	0.00010	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00009
21.21	120.21	0.00022	14.14	113.14	0.00020
7.07	106.07	0.00018	0.00	98.99	0.00016
-7.07	91.92	0.00014	-14.14	84.85	0.00013
-21.21	77.78	0.00012	-28.28	70.71	0.00012
-31.82	67.18	0.00011	-35.36	63.64	0.00011
-37.48	61.52	0.00011	-38.89	60.10	0.00011
-40.31	58.69	0.00011	-41.72	57.28	0.00011
-43.13	55.86	0.00011	-55.86	43.13	0.00010
-57.28	41.72	0.00010	-58.69	40.31	0.00010
-60.10	38.89	0.00010	-61.52	37.48	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\_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	0.00010	-67.18	31.82	0.00010
-70.71	28.28	0.00010	-77.78	21.21	0.00010
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00010
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00025	21.21	106.07	0.00022
14.14	98.99	0.00020	7.07	91.92	0.00018
0.00	84.85	0.00016	-7.07	77.78	0.00015
-14.14	70.71	0.00014	-21.21	63.64	0.00013
-24.75	60.10	0.00012	-28.28	56.57	0.00012
-30.41	54.45	0.00012	-31.82	53.03	0.00012
-33.23	51.62	0.00012	-34.65	50.20	0.00012
-36.06	48.79	0.00012	-48.79	36.06	0.00011
-50.20	34.65	0.00011	-51.62	33.23	0.00011
-53.03	31.82	0.00011	-54.45	30.41	0.00011
-56.57	28.28	0.00011	-60.10	24.75	0.00011
-63.64	21.21	0.00011	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00011	-98.99	-14.14	0.00010

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00010
35.36	106.07	0.00028	28.28	98.99	0.00025
21.21	91.92	0.00023	14.14	84.85	0.00020
7.07	77.78	0.00018	0.00	70.71	0.00016
-7.07	63.64	0.00015	-14.14	56.57	0.00014
-17.68	53.03	0.00014	-21.21	49.50	0.00013
-23.33	47.38	0.00013	-24.75	45.96	0.00013
-26.16	44.55	0.00013	-27.58	43.13	0.00013
-28.99	41.72	0.00013	-41.72	28.99	0.00012
-43.13	27.58	0.00012	-44.55	26.16	0.00012
-45.96	24.75	0.00012	-47.38	23.33	0.00012
-49.50	21.21	0.00012	-53.03	17.68	0.00012
-56.57	14.14	0.00012	-63.64	7.07	0.00012
-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	0.00011	-106.07	-35.36	0.00011
42.43	98.99	0.00032	35.36	91.92	0.00029
28.28	84.85	0.00026	21.21	77.78	0.00023
14.14	70.71	0.00020	7.07	63.64	0.00018
0.00	56.57	0.00016	-7.07	49.50	0.00015
-10.61	45.96	0.00015	-14.14	42.43	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\_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	0.00014	-17.68	38.89	0.00014
-19.09	37.48	0.00014	-20.51	36.06	0.00014
-21.92	34.65	0.00014	-34.65	21.92	0.00013
-36.06	20.51	0.00013	-37.48	19.09	0.00013
-38.89	17.68	0.00013	-40.31	16.26	0.00013
-42.43	14.14	0.00013	-45.96	10.61	0.00013
-49.50	7.07	0.00013	-56.57	0.00	0.00013
-63.64	-7.07	0.00013	-70.71	-14.14	0.00013
-77.78	-21.21	0.00012	-84.85	-28.28	0.00012
-91.92	-35.36	0.00012	-98.99	-42.43	0.00011
49.50	91.92	0.00036	42.43	84.85	0.00033
35.36	77.78	0.00030	28.28	70.71	0.00026
21.21	63.64	0.00023	14.14	56.57	0.00020

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00018	0.00	42.43	0.00017
-3.54	38.89	0.00016	-7.07	35.36	0.00016
-9.19	33.23	0.00016	-10.61	31.82	0.00016
-12.02	30.41	0.00015	-13.44	28.99	0.00015
-14.85	27.58	0.00015	-27.58	14.85	0.00014
-28.99	13.44	0.00014	-30.41	12.02	0.00014
-31.82	10.61	0.00014	-33.23	9.19	0.00014
-35.36	7.07	0.00014	-38.89	3.54	0.00014
-42.43	0.00	0.00014	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00014
-70.71	-28.28	0.00013	-77.78	-35.36	0.00013
-84.85	-42.43	0.00013	-91.92	-49.50	0.00012
56.57	84.85	0.00041	49.50	77.78	0.00038
42.43	70.71	0.00034	35.36	63.64	0.00030
28.28	56.57	0.00026	21.21	49.50	0.00023
14.14	42.43	0.00021	7.07	35.36	0.00019
3.54	31.82	0.00018	0.00	28.28	0.00018
-2.12	26.16	0.00017	-3.54	24.75	0.00017
-4.95	23.33	0.00017	-6.36	21.92	0.00017
-7.78	20.51	0.00017	-20.51	7.78	0.00016
-21.92	6.36	0.00016	-23.33	4.95	0.00016
-24.75	3.54	0.00016	-26.16	2.12	0.00016
-28.28	0.00	0.00016	-31.82	-3.54	0.00016
-35.36	-7.07	0.00016	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00015
-63.64	-35.36	0.00014	-70.71	-42.43	0.00014
-77.78	-49.50	0.00014	-84.85	-56.57	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\_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	0.00048	56.57	70.71	0.00044
49.50	63.64	0.00040	42.43	56.57	0.00035
35.36	49.50	0.00031	28.28	42.43	0.00027
21.21	35.36	0.00023	14.14	28.28	0.00021
10.61	24.75	0.00020	7.07	21.21	0.00019
4.95	19.09	0.00019	3.54	17.68	0.00019
2.12	16.26	0.00019	0.71	14.85	0.00019

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00018	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00017	-19.09	-4.95	0.00017
-21.21	-7.07	0.00017	-24.75	-10.61	0.00017
-28.28	-14.14	0.00017	-35.36	-21.21	0.00017
-42.43	-28.28	0.00017	-49.50	-35.36	0.00016
-56.57	-42.43	0.00016	-63.64	-49.50	0.00015
-70.71	-56.57	0.00015	-77.78	-63.64	0.00015
70.71	70.71	0.00055	63.64	63.64	0.00051
56.57	56.57	0.00047	49.50	49.50	0.00041
42.43	42.43	0.00036	35.36	35.36	0.00031
28.28	28.28	0.00027	21.21	21.21	0.00024
17.68	17.68	0.00023	14.14	14.14	0.00022
12.02	12.02	0.00021	10.61	10.61	0.00021
9.19	9.19	0.00021	7.78	7.78	0.00021
6.36	6.36	0.00020	-6.36	-6.36	0.00019
-7.78	-7.78	0.00019	-9.19	-9.19	0.00019
-10.61	-10.61	0.00019	-12.02	-12.02	0.00019
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00019	-28.28	-28.28	0.00019
-35.36	-35.36	0.00018	-42.43	-42.43	0.00018
-49.50	-49.50	0.00017	-56.57	-56.57	0.00017
-63.64	-63.64	0.00017	-70.71	-70.71	0.00016
77.78	63.64	0.00063	70.71	56.57	0.00060
63.64	49.50	0.00055	56.57	42.43	0.00049
49.50	35.36	0.00043	42.43	28.28	0.00036
35.36	21.21	0.00031	28.28	14.14	0.00027
24.75	10.61	0.00026	21.21	7.07	0.00024
19.09	4.95	0.00024	17.68	3.54	0.00024
16.26	2.12	0.00023	14.85	0.71	0.00023
13.44	-0.71	0.00023	0.71	-13.44	0.00021
-0.71	-14.85	0.00021	-2.12	-16.26	0.00021
-3.54	-17.68	0.00021	-4.95	-19.09	0.00021

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
-7.07	-21.21	0.00021	-10.61	-24.75	0.00021

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00021	-21.21	-35.36	0.00021
-28.28	-42.43	0.00020	-35.36	-49.50	0.00019
-42.43	-56.57	0.00019	-49.50	-63.64	0.00019
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00072	77.78	49.50	0.00069
70.71	42.43	0.00065	63.64	35.36	0.00059
56.57	28.28	0.00051	49.50	21.21	0.00043
42.43	14.14	0.00036	35.36	7.07	0.00031
31.82	3.54	0.00029	28.28	0.00	0.00028
26.16	-2.12	0.00027	24.75	-3.54	0.00027
23.33	-4.95	0.00026	21.92	-6.36	0.00026
20.51	-7.78	0.00026	7.78	-20.51	0.00024
6.36	-21.92	0.00024	4.95	-23.33	0.00024
3.54	-24.75	0.00024	2.12	-26.16	0.00024
0.00	-28.28	0.00024	-3.54	-31.82	0.00024
-7.07	-35.36	0.00023	-14.14	-42.43	0.00023
-21.21	-49.50	0.00022	-28.28	-56.57	0.00021
-35.36	-63.64	0.00021	-42.43	-70.71	0.00021
-49.50	-77.78	0.00021	-56.57	-84.85	0.00021
91.92	49.50	0.00082	84.85	42.43	0.00081
77.78	35.36	0.00077	70.71	28.28	0.00071
63.64	21.21	0.00062	56.57	14.14	0.00053
49.50	7.07	0.00044	42.43	0.00	0.00037
38.89	-3.54	0.00034	35.36	-7.07	0.00032
33.23	-9.19	0.00031	31.82	-10.61	0.00030
30.41	-12.02	0.00030	28.99	-13.44	0.00029
27.58	-14.85	0.00029	14.85	-27.58	0.00027
13.44	-28.99	0.00027	12.02	-30.41	0.00027
10.61	-31.82	0.00027	9.19	-33.23	0.00027
7.07	-35.36	0.00027	3.54	-38.89	0.00027
0.00	-42.43	0.00026	-7.07	-49.50	0.00025
-14.14	-56.57	0.00025	-21.21	-63.64	0.00024
-28.28	-70.71	0.00023	-35.36	-77.78	0.00023
-42.43	-84.85	0.00023	-49.50	-91.92	0.00023
98.99	42.43	0.00092	91.92	35.36	0.00093
84.85	28.28	0.00091	77.78	21.21	0.00085
70.71	14.14	0.00076	63.64	7.07	0.00065
56.57	0.00	0.00053	49.50	-7.07	0.00044
45.96	-10.61	0.00040	42.43	-14.14	0.00037

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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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	0.00036	38.89	-17.68	0.00035
37.48	-19.09	0.00034	36.06	-20.51	0.00034
34.65	-21.92	0.00033	21.92	-34.65	0.00030
20.51	-36.06	0.00030	19.09	-37.48	0.00030
17.68	-38.89	0.00030	16.26	-40.31	0.00030
14.14	-42.43	0.00030	10.61	-45.96	0.00030
7.07	-49.50	0.00030	0.00	-56.57	0.00029
-7.07	-63.64	0.00028	-14.14	-70.71	0.00027
-21.21	-77.78	0.00027	-28.28	-84.85	0.00026
-35.36	-91.92	0.00027	-42.43	-98.99	0.00026
106.07	35.36	0.00102	98.99	28.28	0.00106
91.92	21.21	0.00107	84.85	14.14	0.00103
77.78	7.07	0.00094	70.71	0.00	0.00081
63.64	-7.07	0.00067	56.57	-14.14	0.00053
53.03	-17.68	0.00048	49.50	-21.21	0.00044
47.38	-23.33	0.00042	45.96	-24.75	0.00041
44.55	-26.16	0.00040	43.13	-27.58	0.00039
41.72	-28.99	0.00038	28.99	-41.72	0.00035
27.58	-43.13	0.00035	26.16	-44.55	0.00035
24.75	-45.96	0.00035	23.33	-47.38	0.00035
21.21	-49.50	0.00035	17.68	-53.03	0.00034
14.14	-56.57	0.00034	7.07	-63.64	0.00032
0.00	-70.71	0.00031	-7.07	-77.78	0.00031
-14.14	-84.85	0.00031	-21.21	-91.92	0.00031
-28.28	-98.99	0.00030	-35.36	-106.07	0.00030
113.14	28.28	0.00111	106.07	21.21	0.00119
98.99	14.14	0.00123	91.92	7.07	0.00123
84.85	0.00	0.00117	77.78	-7.07	0.00104
70.71	-14.14	0.00086	63.64	-21.21	0.00067
60.10	-24.75	0.00059	56.57	-28.28	0.00053
54.45	-30.41	0.00050	53.03	-31.82	0.00049
51.62	-33.23	0.00047	50.20	-34.65	0.00046
48.79	-36.06	0.00045	36.06	-48.79	0.00040
34.65	-50.20	0.00040	33.23	-51.62	0.00040
31.82	-53.03	0.00040	30.41	-54.45	0.00040
28.28	-56.57	0.00040	24.75	-60.10	0.00039
21.21	-63.64	0.00038	14.14	-70.71	0.00037
7.07	-77.78	0.00036	0.00	-84.85	0.00036
-7.07	-91.92	0.00036	-14.14	-98.99	0.00035

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00035 -28.28 -113.14 0.00035

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

\*\*\* 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: 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	0.00120	113.14	14.14	0.00131
106.07	7.07	0.00140	98.99	0.00	0.00145
91.92	-7.07	0.00144	84.85	-14.14	0.00133
77.78	-21.21	0.00112	70.71	-28.28	0.00087
67.18	-31.82	0.00076	63.64	-35.36	0.00066
61.52	-37.48	0.00062	60.10	-38.89	0.00059
58.69	-40.31	0.00057	57.28	-41.72	0.00055
55.86	-43.13	0.00053	43.13	-55.86	0.00047
41.72	-57.28	0.00047	40.31	-58.69	0.00047
38.89	-60.10	0.00047	37.48	-61.52	0.00046
35.36	-63.64	0.00046	31.82	-67.18	0.00045
28.28	-70.71	0.00044	21.21	-77.78	0.00043
14.14	-84.85	0.00042	7.07	-91.92	0.00042
0.00	-98.99	0.00042	-7.07	-106.07	0.00042
-14.14	-113.14	0.00042	-21.21	-120.21	0.00041
127.28	14.14	0.00128	120.21	7.07	0.00143
113.14	0.00	0.00157	106.07	-7.07	0.00168
98.99	-14.14	0.00174	91.92	-21.21	0.00169
84.85	-28.28	0.00150	77.78	-35.36	0.00118
74.25	-38.89	0.00101	70.71	-42.43	0.00086
68.59	-44.55	0.00079	67.18	-45.96	0.00074
65.76	-47.38	0.00070	64.35	-48.79	0.00067
62.93	-50.20	0.00065	50.20	-62.93	0.00055
48.79	-64.35	0.00055	47.38	-65.76	0.00055
45.96	-67.18	0.00055	44.55	-68.59	0.00054
42.43	-70.71	0.00054	38.89	-74.25	0.00053
35.36	-77.78	0.00052	28.28	-84.85	0.00050
21.21	-91.92	0.00050	14.14	-98.99	0.00050
7.07	-106.07	0.00050	0.00	-113.14	0.00050
-7.07	-120.21	0.00049	-14.14	-127.28	0.00049
134.35	7.07	0.00135	127.28	0.00	0.00153
120.21	-7.07	0.00172	113.14	-14.14	0.00190
106.07	-21.21	0.00205	98.99	-28.28	0.00211

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00200	84.85	-42.43	0.00166
81.32	-45.96	0.00142	77.78	-49.50	0.00118
75.66	-51.62	0.00105	74.25	-53.03	0.00098
72.83	-54.45	0.00091	71.42	-55.86	0.00085
70.00	-57.28	0.00081	57.28	-70.00	0.00066
55.86	-71.42	0.00065	54.45	-72.83	0.00065
53.03	-74.25	0.00065	51.62	-75.66	0.00064

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
49.50	-77.78	0.00063	45.96	-81.32	0.00062
42.43	-84.85	0.00061	35.36	-91.92	0.00061
28.28	-98.99	0.00061	21.21	-106.07	0.00061
14.14	-113.14	0.00061	7.07	-120.21	0.00061
0.00	-127.28	0.00060	-7.07	-134.35	0.00058
141.42	0.00	0.00138	134.35	-7.07	0.00160
127.28	-14.14	0.00184	120.21	-21.21	0.00210
113.14	-28.28	0.00234	106.07	-35.36	0.00254
98.99	-42.43	0.00260	91.92	-49.50	0.00236
88.39	-53.03	0.00209	84.85	-56.57	0.00174
82.73	-58.69	0.00152	81.32	-60.10	0.00138
79.90	-61.52	0.00126	78.49	-62.93	0.00115
77.07	-64.35	0.00106	64.35	-77.07	0.00079
62.93	-78.49	0.00078	61.52	-79.90	0.00078
60.10	-81.32	0.00077	58.69	-82.73	0.00077
56.57	-84.85	0.00076	53.03	-88.39	0.00075
49.50	-91.92	0.00075	42.43	-98.99	0.00076
35.36	-106.07	0.00076	28.28	-113.14	0.00077
21.21	-120.21	0.00076	14.14	-127.28	0.00075
7.07	-134.35	0.00073	0.00	-141.42	0.00070
148.49	-7.07	0.00140	141.42	-14.14	0.00164
134.35	-21.21	0.00193	127.28	-28.28	0.00226
120.21	-35.36	0.00260	113.14	-42.43	0.00294
106.07	-49.50	0.00321	98.99	-56.57	0.00325
95.46	-60.10	0.00308	91.92	-63.64	0.00271
89.80	-65.76	0.00239	88.39	-67.18	0.00216
86.97	-68.59	0.00193	85.56	-70.00	0.00171

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00151	71.42	-84.15	0.00096
70.00	-85.56	0.00095	68.59	-86.97	0.00094
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	0.00095	49.50	-106.07	0.00098
42.43	-113.14	0.00099	35.36	-120.21	0.00099
28.28	-127.28	0.00097	21.21	-134.35	0.00094
14.14	-141.42	0.00089	7.07	-148.49	0.00084
155.56	-14.14	0.00138	148.49	-21.21	0.00165
141.42	-28.28	0.00197	134.35	-35.36	0.00235
127.28	-42.43	0.00279	120.21	-49.50	0.00327
113.14	-56.57	0.00376	106.07	-63.64	0.00414
102.53	-67.18	0.00422	98.99	-70.71	0.00410

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
96.87	-72.83	0.00388	95.46	-74.25	0.00364
94.05	-75.66	0.00332	92.63	-77.07	0.00294
91.22	-78.49	0.00254	78.49	-91.22	0.00119
77.07	-92.63	0.00118	75.66	-94.05	0.00118
74.25	-95.46	0.00119	72.83	-96.87	0.00120
70.71	-98.99	0.00122	67.18	-102.53	0.00126
63.64	-106.07	0.00129	56.57	-113.14	0.00134
49.50	-120.21	0.00133	42.43	-127.28	0.00129
35.36	-134.35	0.00123	28.28	-141.42	0.00115
21.21	-148.49	0.00107	14.14	-155.56	0.00099
162.63	-21.21	0.00135	155.56	-28.28	0.00162
148.49	-35.36	0.00196	141.42	-42.43	0.00238
134.35	-49.50	0.00289	127.28	-56.57	0.00349
120.21	-63.64	0.00415	113.14	-70.71	0.00482
109.60	-74.25	0.00514	106.07	-77.78	0.00538
103.94	-79.90	0.00544	102.53	-81.32	0.00541
101.12	-82.73	0.00534	99.70	-84.15	0.00516
98.29	-85.56	0.00481	85.56	-98.29	0.00167
84.15	-99.70	0.00171	82.73	-101.12	0.00174
81.32	-102.53	0.00177	79.90	-103.94	0.00179
77.78	-106.07	0.00183	74.25	-109.60	0.00186

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00187	63.64	-120.21	0.00184
56.57	-127.28	0.00175	49.50	-134.35	0.00163
42.43	-141.42	0.00150	35.36	-148.49	0.00137
28.28	-155.56	0.00124	21.21	-162.63	0.00113
169.71	-28.28	0.00129	162.63	-35.36	0.00156
155.56	-42.43	0.00190	148.49	-49.50	0.00234
141.42	-56.57	0.00290	134.35	-63.64	0.00358
127.28	-70.71	0.00436	120.21	-77.78	0.00521
116.67	-81.32	0.00565	113.14	-84.85	0.00604
111.02	-86.97	0.00621	109.60	-88.39	0.00628
108.19	-89.80	0.00631	106.77	-91.22	0.00636
105.36	-92.63	0.00632	92.63	-105.36	0.00311
91.22	-106.77	0.00296	89.80	-108.19	0.00285
88.39	-109.60	0.00278	86.97	-111.02	0.00272
84.85	-113.14	0.00266	81.32	-116.67	0.00258
77.78	-120.21	0.00250	70.71	-127.28	0.00234
63.64	-134.35	0.00214	56.57	-141.42	0.00194
49.50	-148.49	0.00174	42.43	-155.56	0.00156
35.36	-162.63	0.00140	28.28	-169.71	0.00126

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
176.78	-35.36	0.00122	169.71	-42.43	0.00147
162.63	-49.50	0.00180	155.56	-56.57	0.00223
148.49	-63.64	0.00280	141.42	-70.71	0.00352
134.35	-77.78	0.00438	127.28	-84.85	0.00534
123.74	-88.39	0.00582	120.21	-91.92	0.00626
118.09	-94.05	0.00645	116.67	-95.46	0.00653
115.26	-96.87	0.00656	113.84	-98.29	0.00657
112.43	-99.70	0.00653	99.70	-112.43	0.00389
98.29	-113.84	0.00377	96.87	-115.26	0.00367
95.46	-116.67	0.00358	94.05	-118.09	0.00350
91.92	-120.21	0.00339	88.39	-123.74	0.00323
84.85	-127.28	0.00309	77.78	-134.35	0.00280
70.71	-141.42	0.00251	63.64	-148.49	0.00223
56.57	-155.56	0.00197	49.50	-162.63	0.00175
42.43	-169.71	0.00155	35.36	-176.78	0.00137

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00112	176.78	-49.50	0.00135
169.71	-56.57	0.00165	162.63	-63.64	0.00205
155.56	-70.71	0.00260	148.49	-77.78	0.00332
141.42	-84.85	0.00424	134.35	-91.92	0.00530
130.81	-95.46	0.00581	127.28	-98.99	0.00628
125.16	-101.12	0.00649	123.74	-102.53	0.00658
122.33	-103.94	0.00661	120.92	-105.36	0.00660
119.50	-106.77	0.00657	106.77	-119.50	0.00416
105.36	-120.92	0.00409	103.94	-122.33	0.00404
102.53	-123.74	0.00399	101.12	-125.16	0.00394
98.99	-127.28	0.00386	95.46	-130.81	0.00371
91.92	-134.35	0.00355	84.85	-141.42	0.00320
77.78	-148.49	0.00284	70.71	-155.56	0.00249
63.64	-162.63	0.00218	56.57	-169.71	0.00190
49.50	-176.78	0.00167	42.43	-183.85	0.00147
190.92	-49.50	0.00101	183.85	-56.57	0.00121
176.78	-63.64	0.00148	169.71	-70.71	0.00184
162.63	-77.78	0.00233	155.56	-84.85	0.00302
148.49	-91.92	0.00394	141.42	-98.99	0.00507
137.89	-102.53	0.00565	134.35	-106.07	0.00615
132.23	-108.19	0.00639	130.81	-109.60	0.00651
129.40	-111.02	0.00657	127.99	-112.43	0.00657
126.57	-113.84	0.00654	113.84	-126.57	0.00425
112.43	-127.99	0.00420	111.02	-129.40	0.00418
109.60	-130.81	0.00415	108.19	-132.23	0.00413

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

19:03:36  
 \*\*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	0.00409	102.53	-137.89	0.00399
98.99	-141.42	0.00385	91.92	-148.49	0.00349
84.85	-155.56	0.00308	77.78	-162.63	0.00269
70.71	-169.71	0.00233	63.64	-176.78	0.00203
56.57	-183.85	0.00176	49.50	-190.92	0.00154
197.99	-56.57	0.00089	190.92	-63.64	0.00107
183.85	-70.71	0.00130	176.78	-77.78	0.00160
169.71	-84.85	0.00203	162.63	-91.92	0.00262
155.56	-98.99	0.00348	148.49	-106.07	0.00464

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00529	141.42	-113.14	0.00589
139.30	-115.26	0.00617	137.89	-116.67	0.00632
136.47	-118.09	0.00641	135.06	-119.50	0.00644
133.64	-120.92	0.00643	120.92	-133.64	0.00426
119.50	-135.06	0.00422	118.09	-136.47	0.00420
116.67	-137.89	0.00419	115.26	-139.30	0.00418
113.14	-141.42	0.00417	109.60	-144.96	0.00410
106.07	-148.49	0.00399	98.99	-155.56	0.00364
91.92	-162.63	0.00322	84.85	-169.71	0.00281
77.78	-176.78	0.00243	70.71	-183.85	0.00210
63.64	-190.92	0.00182	56.57	-197.99	0.00158
205.06	-63.64	0.00078	197.99	-70.71	0.00093
190.92	-77.78	0.00111	183.85	-84.85	0.00136
176.78	-91.92	0.00170	169.71	-98.99	0.00218
162.63	-106.07	0.00288	155.56	-113.14	0.00395
152.03	-116.67	0.00464	148.49	-120.21	0.00536
146.37	-122.33	0.00574	144.96	-123.74	0.00595
143.54	-125.16	0.00610	142.13	-126.57	0.00618
140.71	-127.99	0.00620	127.99	-140.71	0.00420
126.57	-142.13	0.00417	125.16	-143.54	0.00416
123.74	-144.96	0.00415	122.33	-146.37	0.00415
120.21	-148.49	0.00414	116.67	-152.03	0.00410
113.14	-155.56	0.00400	106.07	-162.63	0.00367
98.99	-169.71	0.00325	91.92	-176.78	0.00283
84.85	-183.85	0.00244	77.78	-190.92	0.00210
70.71	-197.99	0.00181	63.64	-205.06	0.00157
212.13	-70.71	0.00068	205.06	-77.78	0.00079
197.99	-84.85	0.00094	190.92	-91.92	0.00113
183.85	-98.99	0.00138	176.78	-106.07	0.00173
169.71	-113.14	0.00224	162.63	-120.21	0.00305
159.10	-123.74	0.00365	155.56	-127.28	0.00440

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
153.44	-129.40	0.00488	152.03	-130.81	0.00518
150.61	-132.23	0.00544	149.20	-133.64	0.00564
147.79	-135.06	0.00577	135.06	-147.79	0.00408

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00405	132.23	-150.61	0.00404
130.81	-152.03	0.00404	129.40	-153.44	0.00404
127.28	-155.56	0.00403	123.74	-159.10	0.00398
120.21	-162.63	0.00388	113.14	-169.71	0.00356
106.07	-176.78	0.00315	98.99	-183.85	0.00274
91.92	-190.92	0.00236	84.85	-197.99	0.00203
77.78	-205.06	0.00176	70.71	-212.13	0.00152
219.20	-77.78	0.00058	212.13	-84.85	0.00067
205.06	-91.92	0.00078	197.99	-98.99	0.00092
190.92	-106.07	0.00109	183.85	-113.14	0.00132
176.78	-120.21	0.00164	169.71	-127.28	0.00213
166.17	-130.81	0.00249	162.63	-134.35	0.00300
160.51	-136.47	0.00340	159.10	-137.89	0.00371
157.68	-139.30	0.00405	156.27	-140.71	0.00441
154.86	-142.13	0.00474	142.13	-154.86	0.00388
140.71	-156.27	0.00384	139.30	-157.68	0.00382
137.89	-159.10	0.00381	136.47	-160.51	0.00380
134.35	-162.63	0.00377	130.81	-166.17	0.00370
127.28	-169.71	0.00358	120.21	-176.78	0.00327
113.14	-183.85	0.00290	106.07	-190.92	0.00253
98.99	-197.99	0.00220	91.92	-205.06	0.00191
84.85	-212.13	0.00166	77.78	-219.20	0.00145
226.27	-84.85	0.00049	219.20	-91.92	0.00056
212.13	-98.99	0.00064	205.06	-106.07	0.00074
197.99	-113.14	0.00085	190.92	-120.21	0.00099
183.85	-127.28	0.00116	176.78	-134.35	0.00138
173.24	-137.89	0.00153	169.71	-141.42	0.00170
167.58	-143.54	0.00182	166.17	-144.96	0.00192
164.76	-146.37	0.00205	163.34	-147.79	0.00221
161.93	-149.20	0.00246	149.20	-161.93	0.00340
147.79	-163.34	0.00332	146.37	-164.76	0.00327
144.96	-166.17	0.00324	143.54	-167.58	0.00321
141.42	-169.71	0.00317	137.89	-173.24	0.00310
134.35	-176.78	0.00302	127.28	-183.85	0.00280
120.21	-190.92	0.00253	113.14	-197.99	0.00225
106.07	-205.06	0.00199	98.99	-212.13	0.00175
91.92	-219.20	0.00154	84.85	-226.27	0.00136

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

\*\*\* 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: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,



20NCRA\_NAPA01-300\_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	0.00042	226.27	-98.99	0.00046		
219.20	-106.07	0.00052	212.13	-113.14	0.00058		
205.06	-120.21	0.00065	197.99	-127.28	0.00073		
190.92	-134.35	0.00081	183.85	-141.42	0.00090		
180.31	-144.96	0.00094	176.78	-148.49	0.00097		
174.66	-150.61	0.00098	173.24	-152.03	0.00099		
171.83	-153.44	0.00100	170.41	-154.86	0.00101		
169.00	-156.27	0.00102	156.27	-169.00	0.00194		
154.86	-170.41	0.00205	153.44	-171.83	0.00214		
152.03	-173.24	0.00221	150.61	-174.66	0.00227		
148.49	-176.78	0.00233	144.96	-180.31	0.00238		
141.42	-183.85	0.00238	134.35	-190.92	0.00231		
127.28	-197.99	0.00215	120.21	-205.06	0.00196		
113.14	-212.13	0.00177	106.07	-219.20	0.00158		
98.99	-226.27	0.00141	91.92	-233.35	0.00126		
240.42	-98.99	0.00035	233.35	-106.07	0.00039		
226.27	-113.14	0.00042	219.20	-120.21	0.00046		
212.13	-127.28	0.00051	205.06	-134.35	0.00055		
197.99	-141.42	0.00060	190.92	-148.49	0.00063		
187.38	-152.03	0.00065	183.85	-155.56	0.00066		
181.73	-157.68	0.00067	180.31	-159.10	0.00068		
178.90	-160.51	0.00069	177.48	-161.93	0.00071		
176.07	-163.34	0.00073	163.34	-176.07	0.00111		
161.93	-177.48	0.00119	160.51	-178.90	0.00128		
159.10	-180.31	0.00137	157.68	-181.73	0.00145		
155.56	-183.85	0.00156	152.03	-187.38	0.00170		
148.49	-190.92	0.00177	141.42	-197.99	0.00182		
134.35	-205.06	0.00177	127.28	-212.13	0.00167		
120.21	-219.20	0.00154	113.14	-226.27	0.00140		
106.07	-233.35	0.00127	98.99	-240.42	0.00115		
247.49	-106.07	0.00030	240.42	-113.14	0.00033		
233.35	-120.21	0.00035	226.27	-127.28	0.00038		
219.20	-134.35	0.00041	212.13	-141.42	0.00043		
205.06	-148.49	0.00046	197.99	-155.56	0.00048		
194.45	-159.10	0.00048	190.92	-162.63	0.00050		
188.80	-164.76	0.00052	187.38	-166.17	0.00053		
185.97	-167.58	0.00055	184.55	-169.00	0.00057		
183.14	-170.41	0.00059	170.41	-183.14	0.00078		
169.00	-184.55	0.00082	167.58	-185.97	0.00086		
166.17	-187.38	0.00090	164.76	-188.80	0.00095		

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	0.00104	159.10	-194.45	0.00116
155.56	-197.99	0.00127	148.49	-205.06	0.00139
141.42	-212.13	0.00141	134.35	-219.20	0.00137
127.28	-226.27	0.00131	120.21	-233.35	0.00122
113.14	-240.42	0.00113	106.07	-247.49	0.00104

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	0.00008
-120.21	233.35	0.00008	-127.28	226.27	0.00007
-134.35	219.20	0.00007	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00006
-159.10	194.45	0.00006	-162.63	190.92	0.00006
-164.76	188.80	0.00006	-166.17	187.38	0.00006
-167.58	185.97	0.00006	-169.00	184.55	0.00006
-170.41	183.14	0.00006	-183.14	170.41	0.00006
-184.55	169.00	0.00006	-185.97	167.58	0.00006
-187.38	166.17	0.00006	-188.80	164.76	0.00006
-190.92	162.63	0.00006	-194.45	159.10	0.00006
-197.99	155.56	0.00006	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-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	0.00009
-113.14	226.27	0.00008	-120.21	219.20	0.00008
-127.28	212.13	0.00008	-134.35	205.06	0.00007
-141.42	197.99	0.00007	-148.49	190.92	0.00007
-152.03	187.38	0.00007	-155.56	183.85	0.00007

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00007	-159.10	180.31	0.00007
-160.51	178.90	0.00006	-161.93	177.48	0.00006
-163.34	176.07	0.00006	-176.07	163.34	0.00006
-177.48	161.93	0.00006	-178.90	160.51	0.00006
-180.31	159.10	0.00006	-181.73	157.68	0.00006
-183.85	155.56	0.00006	-187.38	152.03	0.00006
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00006	-212.13	127.28	0.00006
-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	0.00009	-113.14	212.13	0.00009
-120.21	205.06	0.00008	-127.28	197.99	0.00008
-134.35	190.92	0.00007	-141.42	183.85	0.00007
-144.96	180.31	0.00007	-148.49	176.78	0.00007
-150.61	174.66	0.00007	-152.03	173.24	0.00007
-153.44	171.83	0.00007	-154.86	170.41	0.00007
-156.27	169.00	0.00007	-169.00	156.27	0.00007
-170.41	154.86	0.00007	-171.83	153.44	0.00007
-173.24	152.03	0.00007	-174.66	150.61	0.00007

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

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00007	-167.58	143.54	0.00007
-169.71	141.42	0.00007	-173.24	137.89	0.00007
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-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	0.00013	-84.85	212.13	0.00012
-91.92	205.06	0.00011	-99.00	197.99	0.00010
-106.07	190.92	0.00009	-113.14	183.85	0.00009
-120.21	176.78	0.00008	-127.28	169.71	0.00008
-130.81	166.17	0.00008	-134.35	162.63	0.00008
-136.47	160.51	0.00008	-137.89	159.10	0.00008
-139.30	157.68	0.00008	-140.71	156.27	0.00008
-142.13	154.86	0.00008	-154.86	142.13	0.00007
-156.27	140.71	0.00007	-157.68	139.30	0.00007
-159.10	137.89	0.00007	-160.51	136.47	0.00007
-162.63	134.35	0.00007	-166.17	130.81	0.00007
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-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	0.00014	-77.78	205.06	0.00013
-84.85	197.99	0.00012	-91.92	190.92	0.00011
-98.99	183.85	0.00010	-106.07	176.78	0.00009
-113.14	169.71	0.00009	-120.21	162.63	0.00009
-123.74	159.10	0.00009	-127.28	155.56	0.00008

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

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

19:03:36

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

20NCRA\_NAPA01-300\_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	0.00016	-70.71	197.99	0.00014
-77.78	190.92	0.00013	-84.85	183.85	0.00012
-91.92	176.78	0.00011	-98.99	169.71	0.00010
-106.07	162.63	0.00010	-113.14	155.56	0.00009
-116.67	152.03	0.00009	-120.21	148.49	0.00009
-122.33	146.37	0.00009	-123.74	144.96	0.00009
-125.16	143.54	0.00009	-126.57	142.13	0.00009
-127.99	140.71	0.00009	-140.71	127.99	0.00008
-142.13	126.57	0.00008	-143.54	125.16	0.00008
-144.96	123.74	0.00008	-146.37	122.33	0.00008
-148.49	120.21	0.00008	-152.03	116.67	0.00008
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00008	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00017	-63.64	190.92	0.00016
-70.71	183.85	0.00014	-77.78	176.78	0.00013
-84.85	169.71	0.00012	-91.92	162.63	0.00011
-98.99	155.56	0.00010	-106.07	148.49	0.00010
-109.60	144.96	0.00010	-113.14	141.42	0.00010
-115.26	139.30	0.00010	-116.67	137.89	0.00010
-118.09	136.47	0.00010	-119.50	135.06	0.00009
-120.92	133.64	0.00009	-133.64	120.92	0.00009
-135.06	119.50	0.00009	-136.47	118.09	0.00009
-137.89	116.67	0.00009	-139.30	115.26	0.00009
-141.42	113.14	0.00009	-144.96	109.60	0.00009
-148.49	106.07	0.00009	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-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      \*\*\*

19:03:36  
 \*\*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	0.00019	-56.57	183.85	0.00018
-63.64	176.78	0.00016	-70.71	169.71	0.00014

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00013	-84.85	155.56	0.00012
-91.92	148.49	0.00011	-98.99	141.42	0.00011
-102.53	137.89	0.00011	-106.07	134.35	0.00010
-108.19	132.23	0.00010	-109.60	130.81	0.00010
-111.02	129.40	0.00010	-112.43	127.99	0.00010
-113.84	126.57	0.00010	-126.57	113.84	0.00010
-127.99	112.43	0.00010	-129.40	111.02	0.00010
-130.81	109.60	0.00010	-132.23	108.19	0.00010
-134.35	106.07	0.00010	-137.89	102.53	0.00010
-141.42	98.99	0.00010	-148.49	91.92	0.00010
-155.56	84.85	0.00010	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00009
-42.43	183.85	0.00022	-49.50	176.78	0.00020
-56.57	169.71	0.00018	-63.64	162.63	0.00016
-70.71	155.56	0.00014	-77.78	148.49	0.00013
-84.85	141.42	0.00012	-91.92	134.35	0.00012
-95.46	130.81	0.00011	-98.99	127.28	0.00011
-101.12	125.16	0.00011	-102.53	123.74	0.00011
-103.94	122.33	0.00011	-105.36	120.92	0.00011
-106.77	119.50	0.00011	-119.50	106.77	0.00010
-120.92	105.36	0.00010	-122.33	103.94	0.00010
-123.74	102.53	0.00010	-125.16	101.12	0.00010
-127.28	98.99	0.00010	-130.81	95.46	0.00010
-134.35	91.92	0.00010	-141.42	84.85	0.00010
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00010
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00025	-42.43	169.71	0.00022
-49.50	162.63	0.00020	-56.57	155.56	0.00018
-63.64	148.49	0.00016	-70.71	141.42	0.00015
-77.78	134.35	0.00014	-84.85	127.28	0.00013
-88.39	123.74	0.00012	-91.92	120.21	0.00012
-94.05	118.09	0.00012	-95.46	116.67	0.00012
-96.87	115.26	0.00012	-98.29	113.84	0.00012
-99.70	112.43	0.00012	-112.43	99.70	0.00011
-113.84	98.29	0.00011	-115.26	96.87	0.00011
-116.67	95.46	0.00011	-118.09	94.05	0.00011

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

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20NCRA\_NAPA01-300\_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	0.00011	-123.74	88.39	0.00011
-127.28	84.85	0.00011	-134.35	77.78	0.00011
-141.42	70.71	0.00011	-148.49	63.64	0.00011
-155.56	56.57	0.00011	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00010
-28.28	169.71	0.00028	-35.36	162.63	0.00025
-42.43	155.56	0.00023	-49.50	148.49	0.00020
-56.57	141.42	0.00018	-63.64	134.35	0.00016
-70.71	127.28	0.00015	-77.78	120.21	0.00014
-81.32	116.67	0.00014	-84.85	113.14	0.00013
-86.97	111.02	0.00013	-88.39	109.60	0.00013
-89.80	108.19	0.00013	-91.22	106.77	0.00013
-92.63	105.36	0.00013	-105.36	92.63	0.00012
-106.77	91.22	0.00012	-108.19	89.80	0.00012
-109.60	88.39	0.00012	-111.02	86.97	0.00012
-113.14	84.85	0.00012	-116.67	81.32	0.00012
-120.21	77.78	0.00012	-127.28	70.71	0.00012
-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	0.00011	-169.71	28.28	0.00011
-21.21	162.63	0.00032	-28.28	155.56	0.00029
-35.36	148.49	0.00026	-42.43	141.42	0.00023
-49.50	134.35	0.00020	-56.57	127.28	0.00018
-63.64	120.21	0.00016	-70.71	113.14	0.00015
-74.25	109.60	0.00015	-77.78	106.07	0.00014
-79.90	103.94	0.00014	-81.32	102.53	0.00014
-82.73	101.12	0.00014	-84.15	99.70	0.00014
-85.56	98.29	0.00014	-98.29	85.56	0.00013
-99.70	84.15	0.00013	-101.12	82.73	0.00013
-102.53	81.32	0.00013	-103.94	79.90	0.00013
-106.07	77.78	0.00013	-109.60	74.25	0.00013
-113.14	70.71	0.00013	-120.21	63.64	0.00013
-127.28	56.57	0.00013	-134.35	49.50	0.00013
-141.42	42.43	0.00012	-148.49	35.36	0.00012
-155.56	28.28	0.00012	-162.63	21.21	0.00011
-14.14	155.56	0.00036	-21.21	148.49	0.00033
-28.28	141.42	0.00030	-35.36	134.35	0.00026
-42.43	127.28	0.00023	-49.50	120.21	0.00020
-56.57	113.14	0.00018	-63.64	106.07	0.00017
-67.18	102.53	0.00016	-70.71	98.99	0.00016

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*\* 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	0.00016	-74.25	95.46	0.00016
-75.66	94.05	0.00015	-77.07	92.63	0.00015
-78.49	91.22	0.00015	-91.22	78.49	0.00014
-92.63	77.07	0.00014	-94.05	75.66	0.00014
-95.46	74.25	0.00014	-96.87	72.83	0.00014
-98.99	70.71	0.00014	-102.53	67.18	0.00014
-106.07	63.64	0.00014	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00014
-134.35	35.36	0.00013	-141.42	28.28	0.00013
-148.49	21.21	0.00013	-155.56	14.14	0.00012
-7.07	148.49	0.00041	-14.14	141.42	0.00038
-21.21	134.35	0.00034	-28.28	127.28	0.00030
-35.36	120.21	0.00026	-42.43	113.14	0.00023
-49.50	106.07	0.00021	-56.57	98.99	0.00019
-60.10	95.46	0.00018	-63.64	91.92	0.00018
-65.76	89.80	0.00017	-67.18	88.39	0.00017
-68.59	86.97	0.00017	-70.00	85.56	0.00017
-71.42	84.15	0.00017	-84.15	71.42	0.00016
-85.56	70.00	0.00016	-86.97	68.59	0.00016
-88.39	67.18	0.00016	-89.80	65.76	0.00016
-91.92	63.64	0.00016	-95.46	60.10	0.00016
-98.99	56.57	0.00016	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00015
-127.28	28.28	0.00014	-134.35	21.21	0.00014
-141.42	14.14	0.00014	-148.49	7.07	0.00014
0.00	141.42	0.00048	-7.07	134.35	0.00044
-14.14	127.28	0.00040	-21.21	120.21	0.00035
-28.28	113.14	0.00031	-35.36	106.07	0.00027
-42.43	98.99	0.00023	-49.50	91.92	0.00021
-53.03	88.39	0.00020	-56.57	84.85	0.00019
-58.69	82.73	0.00019	-60.10	81.32	0.00019
-61.52	79.90	0.00019	-62.93	78.49	0.00019
-64.35	77.07	0.00018	-77.07	64.35	0.00017
-78.49	62.93	0.00017	-79.90	61.52	0.00017



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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
7.07	134.35	0.00055	0.00	127.28	0.00051
-7.07	120.21	0.00047	-14.14	113.14	0.00041
-21.21	106.07	0.00036	-28.28	98.99	0.00031
-35.36	91.92	0.00027	-42.43	84.85	0.00024
-45.96	81.32	0.00023	-49.50	77.78	0.00022
-51.62	75.66	0.00021	-53.03	74.25	0.00021
-54.45	72.83	0.00021	-55.86	71.42	0.00021
-57.28	70.00	0.00020	-70.00	57.28	0.00019
-71.42	55.86	0.00019	-72.83	54.45	0.00019
-74.25	53.03	0.00019	-75.66	51.62	0.00019
-77.78	49.50	0.00019	-81.32	45.96	0.00019
-84.85	42.43	0.00019	-91.92	35.36	0.00019
-98.99	28.28	0.00018	-106.07	21.21	0.00018
-113.14	14.14	0.00017	-120.21	7.07	0.00017
-127.28	0.00	0.00017	-134.35	-7.07	0.00016
14.14	127.28	0.00063	7.07	120.21	0.00060
0.00	113.14	0.00055	-7.07	106.07	0.00049
-14.14	98.99	0.00043	-21.21	91.92	0.00036
-28.28	84.85	0.00031	-35.36	77.78	0.00027
-38.89	74.25	0.00026	-42.43	70.71	0.00024
-44.55	68.59	0.00024	-45.96	67.18	0.00024
-47.38	65.76	0.00023	-48.79	64.35	0.00023
-50.20	62.93	0.00023	-62.93	50.20	0.00021
-64.35	48.79	0.00021	-65.76	47.38	0.00021
-67.18	45.96	0.00021	-68.59	44.55	0.00021
-70.71	42.43	0.00021	-74.25	38.89	0.00021
-77.78	35.36	0.00021	-84.85	28.28	0.00021
-91.92	21.21	0.00020	-98.99	14.14	0.00019

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00019	-113.14	0.00	0.00019
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00072	14.14	113.14	0.00069
7.07	106.07	0.00065	0.00	98.99	0.00059
-7.07	91.92	0.00051	-14.14	84.85	0.00043
-21.21	77.78	0.00036	-28.28	70.71	0.00031
-31.82	67.18	0.00029	-35.36	63.64	0.00028
-37.48	61.52	0.00027	-38.89	60.10	0.00027
-40.31	58.69	0.00026	-41.72	57.28	0.00026
-43.13	55.86	0.00026	-55.86	43.13	0.00024
-57.28	41.72	0.00024	-58.69	40.31	0.00024
-60.10	38.89	0.00024	-61.52	37.48	0.00024

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
-63.64	35.36	0.00024	-67.18	31.82	0.00024
-70.71	28.28	0.00023	-77.78	21.21	0.00023
-84.85	14.14	0.00022	-91.92	7.07	0.00021
-98.99	0.00	0.00021	-106.07	-7.07	0.00021
-113.14	-14.14	0.00021	-120.21	-21.21	0.00021
28.28	113.14	0.00082	21.21	106.07	0.00081
14.14	98.99	0.00077	7.07	91.92	0.00071
0.00	84.85	0.00062	-7.07	77.78	0.00053
-14.14	70.71	0.00044	-21.21	63.64	0.00037
-24.75	60.10	0.00034	-28.28	56.57	0.00032
-30.41	54.45	0.00031	-31.82	53.03	0.00030
-33.23	51.62	0.00030	-34.65	50.20	0.00029
-36.06	48.79	0.00029	-48.79	36.06	0.00027
-50.20	34.65	0.00027	-51.62	33.23	0.00027
-53.03	31.82	0.00027	-54.45	30.41	0.00027
-56.57	28.28	0.00027	-60.10	24.75	0.00027
-63.64	21.21	0.00026	-70.71	14.14	0.00025
-77.78	7.07	0.00025	-84.85	0.00	0.00024
-91.92	-7.07	0.00023	-98.99	-14.14	0.00023
-106.07	-21.21	0.00023	-113.14	-28.28	0.00023
35.36	106.07	0.00092	28.28	98.99	0.00093
21.21	91.92	0.00091	14.14	84.85	0.00085

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00076	0.00	70.71	0.00065
-7.07	63.64	0.00053	-14.14	56.57	0.00044
-17.68	53.03	0.00040	-21.21	49.50	0.00037
-23.33	47.38	0.00036	-24.75	45.96	0.00035
-26.16	44.55	0.00034	-27.58	43.13	0.00034
-28.99	41.72	0.00033	-41.72	28.99	0.00030
-43.13	27.58	0.00030	-44.55	26.16	0.00030
-45.96	24.75	0.00030	-47.38	23.33	0.00030
-49.50	21.21	0.00030	-53.03	17.68	0.00030
-56.57	14.14	0.00030	-63.64	7.07	0.00029
-70.71	0.00	0.00028	-77.78	-7.07	0.00027
-84.85	-14.14	0.00027	-91.92	-21.21	0.00026
-98.99	-28.28	0.00027	-106.07	-35.36	0.00026
42.43	98.99	0.00102	35.36	91.92	0.00106
28.28	84.85	0.00107	21.21	77.78	0.00103
14.14	70.71	0.00094	7.07	63.64	0.00081
0.00	56.57	0.00067	-7.07	49.50	0.00053
-10.61	45.96	0.00048	-14.14	42.43	0.00044

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

19:03:36  
 \*\*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	0.00042	-17.68	38.89	0.00041
-19.09	37.48	0.00040	-20.51	36.06	0.00039
-21.92	34.65	0.00038	-34.65	21.92	0.00035
-36.06	20.51	0.00035	-37.48	19.09	0.00035
-38.89	17.68	0.00035	-40.31	16.26	0.00035
-42.43	14.14	0.00035	-45.96	10.61	0.00034
-49.50	7.07	0.00034	-56.57	0.00	0.00032
-63.64	-7.07	0.00031	-70.71	-14.14	0.00031
-77.78	-21.21	0.00031	-84.85	-28.28	0.00031
-91.92	-35.36	0.00030	-98.99	-42.43	0.00030
49.50	91.92	0.00111	42.43	84.85	0.00119
35.36	77.78	0.00123	28.28	70.71	0.00123
21.21	63.64	0.00117	14.14	56.57	0.00104
7.07	49.50	0.00086	0.00	42.43	0.00067
-3.54	38.89	0.00059	-7.07	35.36	0.00053
-9.19	33.23	0.00050	-10.61	31.82	0.00049

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00047	-13.44	28.99	0.00046
-14.85	27.58	0.00045	-27.58	14.85	0.00040
-28.99	13.44	0.00040	-30.41	12.02	0.00040
-31.82	10.61	0.00040	-33.23	9.19	0.00040
-35.36	7.07	0.00040	-38.89	3.54	0.00039
-42.43	0.00	0.00038	-49.50	-7.07	0.00037
-56.57	-14.14	0.00036	-63.64	-21.21	0.00036
-70.71	-28.28	0.00036	-77.78	-35.36	0.00036
-84.85	-42.43	0.00035	-91.92	-49.50	0.00035
56.57	84.85	0.00120	49.50	77.78	0.00131
42.43	70.71	0.00140	35.36	63.64	0.00145
28.28	56.57	0.00144	21.21	49.50	0.00133
14.14	42.43	0.00112	7.07	35.36	0.00087
3.54	31.82	0.00076	0.00	28.28	0.00066
-2.12	26.16	0.00062	-3.54	24.75	0.00059
-4.95	23.33	0.00057	-6.36	21.92	0.00055
-7.78	20.51	0.00053	-20.51	7.78	0.00047
-21.92	6.36	0.00047	-23.33	4.95	0.00047
-24.75	3.54	0.00047	-26.16	2.12	0.00046
-28.28	0.00	0.00046	-31.82	-3.54	0.00045
-35.36	-7.07	0.00044	-42.43	-14.14	0.00043
-49.50	-21.21	0.00042	-56.57	-28.28	0.00042
-63.64	-35.36	0.00042	-70.71	-42.43	0.00042
-77.78	-49.50	0.00042	-84.85	-56.57	0.00041

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

19:03:36  
 \*\*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
63.64	77.78	0.00128	56.57	70.71	0.00143
49.50	63.64	0.00157	42.43	56.57	0.00168
35.36	49.50	0.00174	28.28	42.43	0.00169
21.21	35.36	0.00150	14.14	28.28	0.00118
10.61	24.75	0.00101	7.07	21.21	0.00086
4.95	19.09	0.00079	3.54	17.68	0.00074
2.12	16.26	0.00070	0.71	14.85	0.00067
-0.71	13.44	0.00065	-13.44	0.71	0.00055
-14.85	-0.71	0.00055	-16.26	-2.12	0.00055
-17.68	-3.54	0.00055	-19.09	-4.95	0.00054

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00054	-24.75	-10.61	0.00053
-28.28	-14.14	0.00052	-35.36	-21.21	0.00050
-42.43	-28.28	0.00050	-49.50	-35.36	0.00050
-56.57	-42.43	0.00050	-63.64	-49.50	0.00050
-70.71	-56.57	0.00049	-77.78	-63.64	0.00049
70.71	70.71	0.00135	63.64	63.64	0.00153
56.57	56.57	0.00172	49.50	49.50	0.00190
42.43	42.43	0.00205	35.36	35.36	0.00211
28.28	28.28	0.00200	21.21	21.21	0.00166
17.68	17.68	0.00142	14.14	14.14	0.00118
12.02	12.02	0.00105	10.61	10.61	0.00098
9.19	9.19	0.00091	7.78	7.78	0.00085
6.36	6.36	0.00081	-6.36	-6.36	0.00066
-7.78	-7.78	0.00065	-9.19	-9.19	0.00065
-10.61	-10.61	0.00065	-12.02	-12.02	0.00064
-14.14	-14.14	0.00063	-17.68	-17.68	0.00062
-21.21	-21.21	0.00061	-28.28	-28.28	0.00061
-35.36	-35.36	0.00061	-42.43	-42.43	0.00061
-49.50	-49.50	0.00061	-56.57	-56.57	0.00061
-63.64	-63.64	0.00060	-70.71	-70.71	0.00058
77.78	63.64	0.00138	70.71	56.57	0.00160
63.64	49.50	0.00184	56.57	42.43	0.00210
49.50	35.36	0.00234	42.43	28.28	0.00254
35.36	21.21	0.00260	28.28	14.14	0.00236
24.75	10.61	0.00209	21.21	7.07	0.00174
19.09	4.95	0.00152	17.68	3.54	0.00138
16.26	2.12	0.00126	14.85	0.71	0.00115
13.44	-0.71	0.00106	0.71	-13.44	0.00079
-0.71	-14.85	0.00078	-2.12	-16.26	0.00078
-3.54	-17.68	0.00077	-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      \*\*\*

19:03:36  
 \*\*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	0.00076	-10.61	-24.75	0.00075
-14.14	-28.28	0.00075	-21.21	-35.36	0.00076
-28.28	-42.43	0.00076	-35.36	-49.50	0.00077
-42.43	-56.57	0.00076	-49.50	-63.64	0.00075

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00073	-63.64	-77.78	0.00070
84.85	56.57	0.00140	77.78	49.50	0.00164
70.71	42.43	0.00193	63.64	35.36	0.00226
56.57	28.28	0.00260	49.50	21.21	0.00294
42.43	14.14	0.00321	35.36	7.07	0.00325
31.82	3.54	0.00308	28.28	0.00	0.00271
26.16	-2.12	0.00239	24.75	-3.54	0.00216
23.33	-4.95	0.00193	21.92	-6.36	0.00171
20.51	-7.78	0.00151	7.78	-20.51	0.00096
6.36	-21.92	0.00095	4.95	-23.33	0.00094
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	0.00095	-14.14	-42.43	0.00098
-21.21	-49.50	0.00099	-28.28	-56.57	0.00099
-35.36	-63.64	0.00097	-42.43	-70.71	0.00094
-49.50	-77.78	0.00089	-56.57	-84.85	0.00084
91.92	49.50	0.00138	84.85	42.43	0.00165
77.78	35.36	0.00197	70.71	28.28	0.00235
63.64	21.21	0.00279	56.57	14.14	0.00327
49.50	7.07	0.00376	42.43	0.00	0.00414
38.89	-3.54	0.00422	35.36	-7.07	0.00410
33.23	-9.19	0.00388	31.82	-10.61	0.00364
30.41	-12.02	0.00332	28.99	-13.44	0.00294
27.58	-14.85	0.00254	14.85	-27.58	0.00119
13.44	-28.99	0.00118	12.02	-30.41	0.00118
10.61	-31.82	0.00119	9.19	-33.23	0.00120
7.07	-35.36	0.00122	3.54	-38.89	0.00126
0.00	-42.43	0.00129	-7.07	-49.50	0.00134
-14.14	-56.57	0.00133	-21.21	-63.64	0.00129
-28.28	-70.71	0.00123	-35.36	-77.78	0.00115
-42.43	-84.85	0.00107	-49.50	-91.92	0.00099
98.99	42.43	0.00135	91.92	35.36	0.00162
84.85	28.28	0.00196	77.78	21.21	0.00238
70.71	14.14	0.00289	63.64	7.07	0.00349
56.57	0.00	0.00415	49.50	-7.07	0.00482
45.96	-10.61	0.00514	42.43	-14.14	0.00538

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 \*\*\*

20NCRA\_NAPA01-300\_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	0.00544	38.89	-17.68	0.00541
37.48	-19.09	0.00534	36.06	-20.51	0.00516
34.65	-21.92	0.00481	21.92	-34.65	0.00167
20.51	-36.06	0.00171	19.09	-37.48	0.00174
17.68	-38.89	0.00177	16.26	-40.31	0.00179
14.14	-42.43	0.00183	10.61	-45.96	0.00186
7.07	-49.50	0.00187	0.00	-56.57	0.00184
-7.07	-63.64	0.00175	-14.14	-70.71	0.00163
-21.21	-77.78	0.00150	-28.28	-84.85	0.00137
-35.36	-91.92	0.00124	-42.43	-98.99	0.00113
106.07	35.36	0.00129	98.99	28.28	0.00156
91.92	21.21	0.00190	84.85	14.14	0.00234
77.78	7.07	0.00290	70.71	0.00	0.00358
63.64	-7.07	0.00436	56.57	-14.14	0.00521
53.03	-17.68	0.00565	49.50	-21.21	0.00604
47.38	-23.33	0.00621	45.96	-24.75	0.00628
44.55	-26.16	0.00631	43.13	-27.58	0.00636
41.72	-28.99	0.00632	28.99	-41.72	0.00311
27.58	-43.13	0.00296	26.16	-44.55	0.00285
24.75	-45.96	0.00278	23.33	-47.38	0.00272
21.21	-49.50	0.00266	17.68	-53.03	0.00258
14.14	-56.57	0.00250	7.07	-63.64	0.00234
0.00	-70.71	0.00214	-7.07	-77.78	0.00194
-14.14	-84.85	0.00174	-21.21	-91.92	0.00156
-28.28	-98.99	0.00140	-35.36	-106.07	0.00126
113.14	28.28	0.00122	106.07	21.21	0.00147
98.99	14.14	0.00180	91.92	7.07	0.00223
84.85	0.00	0.00280	77.78	-7.07	0.00352
70.71	-14.14	0.00438	63.64	-21.21	0.00534
60.10	-24.75	0.00582	56.57	-28.28	0.00626
54.45	-30.41	0.00645	53.03	-31.82	0.00653
51.62	-33.23	0.00656	50.20	-34.65	0.00657
48.79	-36.06	0.00653	36.06	-48.79	0.00389
34.65	-50.20	0.00377	33.23	-51.62	0.00367
31.82	-53.03	0.00358	30.41	-54.45	0.00350
28.28	-56.57	0.00339	24.75	-60.10	0.00323
21.21	-63.64	0.00309	14.14	-70.71	0.00280
7.07	-77.78	0.00251	0.00	-84.85	0.00223
-7.07	-91.92	0.00197	-14.14	-98.99	0.00175
-21.21	-106.07	0.00155	-28.28	-113.14	0.00137

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36  
 \*\*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	0.00112	113.14	14.14	0.00135
106.07	7.07	0.00165	98.99	0.00	0.00205
91.92	-7.07	0.00260	84.85	-14.14	0.00332
77.78	-21.21	0.00424	70.71	-28.28	0.00530
67.18	-31.82	0.00581	63.64	-35.36	0.00628
61.52	-37.48	0.00649	60.10	-38.89	0.00658
58.69	-40.31	0.00661	57.28	-41.72	0.00660
55.86	-43.13	0.00657	43.13	-55.86	0.00416
41.72	-57.28	0.00409	40.31	-58.69	0.00404
38.89	-60.10	0.00399	37.48	-61.52	0.00394
35.36	-63.64	0.00386	31.82	-67.18	0.00371
28.28	-70.71	0.00355	21.21	-77.78	0.00320
14.14	-84.85	0.00284	7.07	-91.92	0.00249
0.00	-98.99	0.00218	-7.07	-106.07	0.00190
-14.14	-113.14	0.00167	-21.21	-120.21	0.00147
127.28	14.14	0.00101	120.21	7.07	0.00121
113.14	0.00	0.00148	106.07	-7.07	0.00184
98.99	-14.14	0.00233	91.92	-21.21	0.00302
84.85	-28.28	0.00394	77.78	-35.36	0.00508
74.25	-38.89	0.00565	70.71	-42.43	0.00615
68.59	-44.55	0.00639	67.18	-45.96	0.00651
65.76	-47.38	0.00657	64.35	-48.79	0.00657
62.93	-50.20	0.00654	50.20	-62.93	0.00425
48.79	-64.35	0.00420	47.38	-65.76	0.00418
45.96	-67.18	0.00415	44.55	-68.59	0.00413
42.43	-70.71	0.00409	38.89	-74.25	0.00399
35.36	-77.78	0.00385	28.28	-84.85	0.00349
21.21	-91.92	0.00308	14.14	-98.99	0.00269
7.07	-106.07	0.00233	0.00	-113.14	0.00203
-7.07	-120.21	0.00176	-14.14	-127.28	0.00154
134.35	7.07	0.00089	127.28	0.00	0.00107
120.21	-7.07	0.00130	113.14	-14.14	0.00160
106.07	-21.21	0.00203	98.99	-28.28	0.00262
91.92	-35.36	0.00348	84.85	-42.43	0.00464
81.32	-45.96	0.00529	77.78	-49.50	0.00589
75.66	-51.62	0.00617	74.25	-53.03	0.00632



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00641	71.42	-55.86	0.00644
70.00	-57.28	0.00643	57.28	-70.00	0.00426
55.86	-71.42	0.00422	54.45	-72.83	0.00420
53.03	-74.25	0.00419	51.62	-75.66	0.00418

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 56  
 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	0.00417	45.96	-81.32	0.00410
42.43	-84.85	0.00399	35.36	-91.92	0.00364
28.28	-98.99	0.00322	21.21	-106.07	0.00281
14.14	-113.14	0.00243	7.07	-120.21	0.00210
0.00	-127.28	0.00182	-7.07	-134.35	0.00158
141.42	0.00	0.00078	134.35	-7.07	0.00093
127.28	-14.14	0.00111	120.21	-21.21	0.00136
113.14	-28.28	0.00170	106.07	-35.36	0.00218
98.99	-42.43	0.00288	91.92	-49.50	0.00395
88.39	-53.03	0.00464	84.85	-56.57	0.00536
82.73	-58.69	0.00574	81.32	-60.10	0.00595
79.90	-61.52	0.00610	78.49	-62.93	0.00618
77.07	-64.35	0.00620	64.35	-77.07	0.00420
62.93	-78.49	0.00417	61.52	-79.90	0.00416
60.10	-81.32	0.00415	58.69	-82.73	0.00415
56.57	-84.85	0.00414	53.03	-88.39	0.00410
49.50	-91.92	0.00400	42.43	-98.99	0.00367
35.36	-106.07	0.00325	28.28	-113.14	0.00283
21.21	-120.21	0.00244	14.14	-127.28	0.00210
7.07	-134.35	0.00181	0.00	-141.42	0.00157
148.49	-7.07	0.00068	141.42	-14.14	0.00079
134.35	-21.21	0.00094	127.28	-28.28	0.00113
120.21	-35.36	0.00138	113.14	-42.43	0.00173
106.07	-49.50	0.00224	98.99	-56.57	0.00305
95.46	-60.10	0.00365	91.92	-63.64	0.00440
89.80	-65.76	0.00488	88.39	-67.18	0.00518
86.97	-68.59	0.00544	85.56	-70.00	0.00564
84.15	-71.42	0.00577	71.42	-84.15	0.00408
70.00	-85.56	0.00405	68.59	-86.97	0.00404
67.18	-88.39	0.00404	65.76	-89.80	0.00404

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00403	60.10	-95.46	0.00398
56.57	-98.99	0.00388	49.50	-106.07	0.00356
42.43	-113.14	0.00315	35.36	-120.21	0.00274
28.28	-127.28	0.00236	21.21	-134.35	0.00203
14.14	-141.42	0.00176	7.07	-148.49	0.00152
155.56	-14.14	0.00058	148.49	-21.21	0.00067
141.42	-28.28	0.00078	134.35	-35.36	0.00092
127.28	-42.43	0.00109	120.21	-49.50	0.00132
113.14	-56.57	0.00164	106.07	-63.64	0.00213
102.53	-67.18	0.00249	98.99	-70.71	0.00300

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
96.87	-72.83	0.00340	95.46	-74.25	0.00371
94.05	-75.66	0.00405	92.63	-77.07	0.00441
91.22	-78.49	0.00474	78.49	-91.22	0.00388
77.07	-92.63	0.00384	75.66	-94.05	0.00382
74.25	-95.46	0.00381	72.83	-96.87	0.00380
70.71	-98.99	0.00377	67.18	-102.53	0.00370
63.64	-106.07	0.00358	56.57	-113.14	0.00327
49.50	-120.21	0.00290	42.43	-127.28	0.00253
35.36	-134.35	0.00220	28.28	-141.42	0.00191
21.21	-148.49	0.00166	14.14	-155.56	0.00145
162.63	-21.21	0.00049	155.56	-28.28	0.00056
148.49	-35.36	0.00064	141.42	-42.43	0.00074
134.35	-49.50	0.00085	127.28	-56.57	0.00099
120.21	-63.64	0.00116	113.14	-70.71	0.00138
109.60	-74.25	0.00153	106.07	-77.78	0.00170
103.94	-79.90	0.00182	102.53	-81.32	0.00192
101.12	-82.73	0.00205	99.70	-84.15	0.00221
98.29	-85.56	0.00246	85.56	-98.29	0.00340
84.15	-99.70	0.00332	82.73	-101.12	0.00327
81.32	-102.53	0.00324	79.90	-103.94	0.00321
77.78	-106.07	0.00317	74.25	-109.60	0.00310
70.71	-113.14	0.00302	63.64	-120.21	0.00280
56.57	-127.28	0.00253	49.50	-134.35	0.00225
42.43	-141.42	0.00199	35.36	-148.49	0.00175

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00154	21.21	-162.63	0.00136
169.71	-28.28	0.00042	162.63	-35.36	0.00046
155.56	-42.43	0.00052	148.49	-49.50	0.00058
141.42	-56.57	0.00065	134.35	-63.64	0.00073
127.28	-70.71	0.00081	120.21	-77.78	0.00090
116.67	-81.32	0.00094	113.14	-84.85	0.00097
111.02	-86.97	0.00098	109.60	-88.39	0.00099
108.19	-89.80	0.00100	106.77	-91.22	0.00101
105.36	-92.63	0.00102	92.63	-105.36	0.00194
91.22	-106.77	0.00205	89.80	-108.19	0.00214
88.39	-109.60	0.00221	86.97	-111.02	0.00227
84.85	-113.14	0.00233	81.32	-116.67	0.00238
77.78	-120.21	0.00238	70.71	-127.28	0.00231
63.64	-134.35	0.00215	56.57	-141.42	0.00196
49.50	-148.49	0.00177	42.43	-155.56	0.00158
35.36	-162.63	0.00141	28.28	-169.71	0.00126

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: 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	0.00035	169.71	-42.43	0.00039
162.63	-49.50	0.00042	155.56	-56.57	0.00046
148.49	-63.64	0.00051	141.42	-70.71	0.00055
134.35	-77.78	0.00060	127.28	-84.85	0.00063
123.74	-88.39	0.00065	120.21	-91.92	0.00066
118.09	-94.05	0.00067	116.67	-95.46	0.00068
115.26	-96.87	0.00069	113.84	-98.29	0.00071
112.43	-99.70	0.00073	99.70	-112.43	0.00111
98.29	-113.84	0.00119	96.87	-115.26	0.00128
95.46	-116.67	0.00137	94.05	-118.09	0.00145
91.92	-120.21	0.00156	88.39	-123.74	0.00170
84.85	-127.28	0.00177	77.78	-134.35	0.00182
70.71	-141.42	0.00177	63.64	-148.49	0.00167
56.57	-155.56	0.00154	49.50	-162.63	0.00140
42.43	-169.71	0.00127	35.36	-176.78	0.00115
183.85	-42.43	0.00030	176.78	-49.50	0.00033
169.71	-56.57	0.00035	162.63	-63.64	0.00038
155.56	-70.71	0.00041	148.49	-77.78	0.00043

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00046	134.35	-91.92	0.00048
130.81	-95.46	0.00048	127.28	-98.99	0.00050
125.16	-101.12	0.00052	123.74	-102.53	0.00053
122.33	-103.94	0.00055	120.92	-105.36	0.00057
119.50	-106.77	0.00059	106.77	-119.50	0.00078
105.36	-120.92	0.00082	103.94	-122.33	0.00086
102.53	-123.74	0.00090	101.12	-125.16	0.00095
98.99	-127.28	0.00104	95.46	-130.81	0.00116
91.92	-134.35	0.00127	84.85	-141.42	0.00139
77.78	-148.49	0.00141	70.71	-155.56	0.00137
63.64	-162.63	0.00131	56.57	-169.71	0.00122
49.50	-176.78	0.00113	42.43	-183.85	0.00104
190.92	-49.50	0.00026	183.85	-56.57	0.00028
176.78	-63.64	0.00029	169.71	-70.71	0.00031
162.63	-77.78	0.00033	155.56	-84.85	0.00035
148.49	-91.92	0.00036	141.42	-98.99	0.00037
137.89	-102.53	0.00039	134.35	-106.07	0.00041
132.23	-108.19	0.00043	130.81	-109.60	0.00044
129.40	-111.02	0.00046	127.99	-112.43	0.00047
126.57	-113.84	0.00049	113.84	-126.57	0.00061
112.43	-127.99	0.00062	111.02	-129.40	0.00064
109.60	-130.81	0.00066	108.19	-132.23	0.00069

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: 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	0.00073	102.53	-137.89	0.00082
98.99	-141.42	0.00090	91.92	-148.49	0.00103
84.85	-155.56	0.00110	77.78	-162.63	0.00111
70.71	-169.71	0.00109	63.64	-176.78	0.00104
56.57	-183.85	0.00098	49.50	-190.92	0.00092
197.99	-56.57	0.00022	190.92	-63.64	0.00024
183.85	-70.71	0.00025	176.78	-77.78	0.00026
169.71	-84.85	0.00027	162.63	-91.92	0.00028
155.56	-98.99	0.00029	148.49	-106.07	0.00031
144.96	-109.60	0.00033	141.42	-113.14	0.00035
139.30	-115.26	0.00036	137.89	-116.67	0.00037
136.47	-118.09	0.00039	135.06	-119.50	0.00040

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00042	120.92	-133.64	0.00049
119.50	-135.06	0.00050	118.09	-136.47	0.00051
116.67	-137.89	0.00052	115.26	-139.30	0.00053
113.14	-141.42	0.00055	109.60	-144.96	0.00060
106.07	-148.49	0.00066	98.99	-155.56	0.00077
91.92	-162.63	0.00085	84.85	-169.71	0.00089
77.78	-176.78	0.00090	70.71	-183.85	0.00088
63.64	-190.92	0.00085	56.57	-197.99	0.00081
205.06	-63.64	0.00019	197.99	-70.71	0.00020
190.92	-77.78	0.00021	183.85	-84.85	0.00022
176.78	-91.92	0.00022	169.71	-98.99	0.00023
162.63	-106.07	0.00024	155.56	-113.14	0.00027
152.03	-116.67	0.00028	148.49	-120.21	0.00030
146.37	-122.33	0.00031	144.96	-123.74	0.00032
143.54	-125.16	0.00033	142.13	-126.57	0.00034
140.71	-127.99	0.00036	127.99	-140.71	0.00041
126.57	-142.13	0.00041	125.16	-143.54	0.00041
123.74	-144.96	0.00042	122.33	-146.37	0.00042
120.21	-148.49	0.00044	116.67	-152.03	0.00047
113.14	-155.56	0.00050	106.07	-162.63	0.00059
98.99	-169.71	0.00066	91.92	-176.78	0.00071
84.85	-183.85	0.00073	77.78	-190.92	0.00074
70.71	-197.99	0.00072	63.64	-205.06	0.00070
212.13	-70.71	0.00017	205.06	-77.78	0.00017
197.99	-84.85	0.00018	190.92	-91.92	0.00018
183.85	-98.99	0.00019	176.78	-106.07	0.00020
169.71	-113.14	0.00021	162.63	-120.21	0.00023
159.10	-123.74	0.00024	155.56	-127.28	0.00026

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
153.44	-129.40	0.00027	152.03	-130.81	0.00028
150.61	-132.23	0.00029	149.20	-133.64	0.00030
147.79	-135.06	0.00031	135.06	-147.79	0.00034
133.64	-149.20	0.00034	132.23	-150.61	0.00035
130.81	-152.03	0.00035	129.40	-153.44	0.00035
127.28	-155.56	0.00036	123.74	-159.10	0.00038

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00040	113.14	-169.71	0.00046
106.07	-176.78	0.00052	98.99	-183.85	0.00057
91.92	-190.92	0.00060	84.85	-197.99	0.00061
77.78	-205.06	0.00062	70.71	-212.13	0.00061
219.20	-77.78	0.00015	212.13	-84.85	0.00015
205.06	-91.92	0.00015	197.99	-98.99	0.00016
190.92	-106.07	0.00016	183.85	-113.14	0.00017
176.78	-120.21	0.00018	169.71	-127.28	0.00020
166.17	-130.81	0.00021	162.63	-134.35	0.00023
160.51	-136.47	0.00024	159.10	-137.89	0.00024
157.68	-139.30	0.00025	156.27	-140.71	0.00026
154.86	-142.13	0.00027	142.13	-154.86	0.00029
140.71	-156.27	0.00029	139.30	-157.68	0.00029
137.89	-159.10	0.00030	136.47	-160.51	0.00030
134.35	-162.63	0.00030	130.81	-166.17	0.00031
127.28	-169.71	0.00033	120.21	-176.78	0.00037
113.14	-183.85	0.00041	106.07	-190.92	0.00046
98.99	-197.99	0.00049	91.92	-205.06	0.00051
84.85	-212.13	0.00052	77.78	-219.20	0.00052
226.27	-84.85	0.00013	219.20	-91.92	0.00013
212.13	-98.99	0.00013	205.06	-106.07	0.00014
197.99	-113.14	0.00014	190.92	-120.21	0.00015
183.85	-127.28	0.00016	176.78	-134.35	0.00018
173.24	-137.89	0.00019	169.71	-141.42	0.00020
167.58	-143.54	0.00021	166.17	-144.96	0.00022
164.76	-146.37	0.00022	163.34	-147.79	0.00023
161.93	-149.20	0.00023	149.20	-161.93	0.00025
147.79	-163.34	0.00025	146.37	-164.76	0.00025
144.96	-166.17	0.00025	143.54	-167.58	0.00025
141.42	-169.71	0.00026	137.89	-173.24	0.00026
134.35	-176.78	0.00027	127.28	-183.85	0.00030
120.21	-190.92	0.00034	113.14	-197.99	0.00037
106.07	-205.06	0.00040	98.99	-212.13	0.00043
91.92	-219.20	0.00044	84.85	-226.27	0.00045

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
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20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00011	226.27	-98.99	0.00011
219.20	-106.07	0.00012	212.13	-113.14	0.00012
205.06	-120.21	0.00013	197.99	-127.28	0.00014
190.92	-134.35	0.00015	183.85	-141.42	0.00016
180.31	-144.96	0.00017	176.78	-148.49	0.00018
174.66	-150.61	0.00019	173.24	-152.03	0.00019
171.83	-153.44	0.00020	170.41	-154.86	0.00020
169.00	-156.27	0.00021	156.27	-169.00	0.00022
154.86	-170.41	0.00022	153.44	-171.83	0.00022
152.03	-173.24	0.00022	150.61	-174.66	0.00022
148.49	-176.78	0.00022	144.96	-180.31	0.00023
141.42	-183.85	0.00023	134.35	-190.92	0.00025
127.28	-197.99	0.00028	120.21	-205.06	0.00031
113.14	-212.13	0.00033	106.07	-219.20	0.00036
98.99	-226.27	0.00037	91.92	-233.35	0.00038
240.42	-98.99	0.00010	233.35	-106.07	0.00010
226.27	-113.14	0.00010	219.20	-120.21	0.00011
212.13	-127.28	0.00012	205.06	-134.35	0.00012
197.99	-141.42	0.00013	190.92	-148.49	0.00014
187.38	-152.03	0.00015	183.85	-155.56	0.00016
181.73	-157.68	0.00017	180.31	-159.10	0.00017
178.90	-160.51	0.00018	177.48	-161.93	0.00018
176.07	-163.34	0.00018	163.34	-176.07	0.00019
161.93	-177.48	0.00019	160.51	-178.90	0.00019
159.10	-180.31	0.00019	157.68	-181.73	0.00019
155.56	-183.85	0.00019	152.03	-187.38	0.00020
148.49	-190.92	0.00020	141.42	-197.99	0.00021
134.35	-205.06	0.00023	127.28	-212.13	0.00026
120.21	-219.20	0.00028	113.14	-226.27	0.00030
106.07	-233.35	0.00032	98.99	-240.42	0.00033
247.49	-106.07	0.00009	240.42	-113.14	0.00009
233.35	-120.21	0.00009	226.27	-127.28	0.00010
219.20	-134.35	0.00010	212.13	-141.42	0.00011
205.06	-148.49	0.00012	197.99	-155.56	0.00013
194.45	-159.10	0.00014	190.92	-162.63	0.00014
188.80	-164.76	0.00015	187.38	-166.17	0.00015
185.97	-167.58	0.00016	184.55	-169.00	0.00016
183.14	-170.41	0.00016	170.41	-183.14	0.00017
169.00	-184.55	0.00017	167.58	-185.97	0.00017
166.17	-187.38	0.00017	164.76	-188.80	0.00017

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

\*\*\* NCRA Cumulative DPM Impacts

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

\*\*\*

19:03:36

\*\*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	
162.63	-190.92	0.00017	159.10	-194.45	0.00017	
155.56	-197.99	0.00018	148.49	-205.06	0.00019	
141.42	-212.13	0.00020	134.35	-219.20	0.00022	
127.28	-226.27	0.00024	120.21	-233.35	0.00026	
113.14	-240.42	0.00027	106.07	-247.49	0.00029	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 19:03:36  
 \*\*MODELOPTs:      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 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	0.00022	-113.14	240.42	0.00020	
-120.21	233.35	0.00018	-127.28	226.27	0.00016	
-134.35	219.20	0.00014	-141.42	212.13	0.00013	
-148.49	205.06	0.00012	-155.56	197.99	0.00012	
-159.10	194.45	0.00011	-162.63	190.92	0.00011	
-164.76	188.80	0.00011	-166.17	187.38	0.00011	
-167.58	185.97	0.00011	-169.00	184.55	0.00011	
-170.41	183.14	0.00011	-183.14	170.41	0.00010	
-184.55	169.00	0.00010	-185.97	167.58	0.00010	
-187.38	166.17	0.00010	-188.80	164.76	0.00010	
-190.92	162.63	0.00010	-194.45	159.10	0.00010	
-197.99	155.56	0.00010	-205.06	148.49	0.00010	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00010	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00025	-106.07	233.35	0.00022	
-113.14	226.27	0.00020	-120.21	219.20	0.00018	
-127.28	212.13	0.00016	-134.35	205.06	0.00015	
-141.42	197.99	0.00014	-148.49	190.92	0.00013	
-152.03	187.38	0.00012	-155.56	183.85	0.00012	
-157.68	181.73	0.00012	-159.10	180.31	0.00012	
-160.51	178.90	0.00012	-161.93	177.48	0.00012	
-163.34	176.07	0.00012	-176.07	163.34	0.00011	



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00011	-178.90	160.51	0.00011
-180.31	159.10	0.00011	-181.73	157.68	0.00011
-183.85	155.56	0.00011	-187.38	152.03	0.00011
-190.92	148.49	0.00011	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00011	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00010
-91.92	233.35	0.00028	-99.00	226.27	0.00025
-106.07	219.20	0.00023	-113.14	212.13	0.00020
-120.21	205.06	0.00018	-127.28	197.99	0.00016
-134.35	190.92	0.00015	-141.42	183.85	0.00014
-144.96	180.31	0.00014	-148.49	176.78	0.00013
-150.61	174.66	0.00013	-152.03	173.24	0.00013
-153.44	171.83	0.00013	-154.86	170.41	0.00013
-156.27	169.00	0.00013	-169.00	156.27	0.00012
-170.41	154.86	0.00012	-171.83	153.44	0.00012
-173.24	152.03	0.00012	-174.66	150.61	0.00012

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

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

19:03:36

\*\*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	0.00012	-180.31	144.96	0.00012
-183.85	141.42	0.00012	-190.92	134.35	0.00012
-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	0.00011	-233.35	91.92	0.00011
-84.85	226.27	0.00032	-91.92	219.20	0.00029
-99.00	212.13	0.00026	-106.07	205.06	0.00023
-113.14	197.99	0.00020	-120.21	190.92	0.00018
-127.28	183.85	0.00016	-134.35	176.78	0.00015
-137.89	173.24	0.00015	-141.42	169.71	0.00014
-143.54	167.58	0.00014	-144.96	166.17	0.00014
-146.37	164.76	0.00014	-147.79	163.34	0.00014
-149.20	161.93	0.00014	-161.93	149.20	0.00013
-163.34	147.79	0.00013	-164.76	146.37	0.00013
-166.17	144.96	0.00013	-167.58	143.54	0.00013
-169.71	141.42	0.00013	-173.24	137.89	0.00013
-176.78	134.35	0.00013	-183.85	127.28	0.00013

20NCRA\_NAPA01-300\_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	0.00012
-219.20	91.92	0.00012	-226.27	84.85	0.00011
-77.78	219.20	0.00036	-84.85	212.13	0.00033
-91.92	205.06	0.00030	-99.00	197.99	0.00026
-106.07	190.92	0.00023	-113.14	183.85	0.00020
-120.21	176.78	0.00018	-127.28	169.71	0.00017
-130.81	166.17	0.00016	-134.35	162.63	0.00016
-136.47	160.51	0.00016	-137.89	159.10	0.00016
-139.30	157.68	0.00015	-140.71	156.27	0.00015
-142.13	154.86	0.00015	-154.86	142.13	0.00014
-156.27	140.71	0.00014	-157.68	139.30	0.00014
-159.10	137.89	0.00014	-160.51	136.47	0.00014
-162.63	134.35	0.00014	-166.17	130.81	0.00014
-169.71	127.28	0.00014	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00014
-197.99	98.99	0.00013	-205.06	91.92	0.00013
-212.13	84.85	0.00013	-219.20	77.78	0.00012
-70.71	212.13	0.00041	-77.78	205.06	0.00038
-84.85	197.99	0.00034	-91.92	190.92	0.00030
-98.99	183.85	0.00026	-106.07	176.78	0.00023
-113.14	169.71	0.00021	-120.21	162.63	0.00019
-123.74	159.10	0.00018	-127.28	155.56	0.00018

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

19:03:36  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00017	-130.81	152.03	0.00017
-132.23	150.61	0.00017	-133.64	149.20	0.00017
-135.06	147.79	0.00017	-147.79	135.06	0.00016
-149.20	133.64	0.00016	-150.61	132.23	0.00016
-152.03	130.81	0.00016	-153.44	129.40	0.00016
-155.56	127.28	0.00016	-159.10	123.74	0.00016
-162.63	120.21	0.00016	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00015
-190.92	91.92	0.00014	-197.99	84.85	0.00014
-205.06	77.78	0.00014	-212.13	70.71	0.00014
-63.64	205.06	0.00048	-70.71	197.99	0.00044

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00040	-84.85	183.85	0.00035
-91.92	176.78	0.00031	-98.99	169.71	0.00027
-106.07	162.63	0.00023	-113.14	155.56	0.00021
-116.67	152.03	0.00020	-120.21	148.49	0.00019
-122.33	146.37	0.00019	-123.74	144.96	0.00019
-125.16	143.54	0.00019	-126.57	142.13	0.00019
-127.99	140.71	0.00018	-140.71	127.99	0.00017
-142.13	126.57	0.00017	-143.54	125.16	0.00017
-144.96	123.74	0.00017	-146.37	122.33	0.00017
-148.49	120.21	0.00017	-152.03	116.67	0.00017
-155.56	113.14	0.00017	-162.63	106.07	0.00017
-169.71	98.99	0.00017	-176.78	91.92	0.00016
-183.85	84.85	0.00016	-190.92	77.78	0.00015
-197.99	70.71	0.00015	-205.06	63.64	0.00015
-56.57	197.99	0.00055	-63.64	190.92	0.00051
-70.71	183.85	0.00047	-77.78	176.78	0.00041
-84.85	169.71	0.00036	-91.92	162.63	0.00031
-98.99	155.56	0.00027	-106.07	148.49	0.00024
-109.60	144.96	0.00023	-113.14	141.42	0.00022
-115.26	139.30	0.00021	-116.67	137.89	0.00021
-118.09	136.47	0.00021	-119.50	135.06	0.00021
-120.92	133.64	0.00020	-133.64	120.92	0.00019
-135.06	119.50	0.00019	-136.47	118.09	0.00019
-137.89	116.67	0.00019	-139.30	115.26	0.00019
-141.42	113.14	0.00019	-144.96	109.60	0.00019
-148.49	106.07	0.00019	-155.56	98.99	0.00019
-162.63	91.92	0.00018	-169.71	84.85	0.00018
-176.78	77.78	0.00017	-183.85	70.71	0.00017
-190.92	63.64	0.00017	-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      \*\*\*

19:03:36  
 \*\*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	0.00063	-56.57	183.85	0.00060
-63.64	176.78	0.00055	-70.71	169.71	0.00049
-77.78	162.63	0.00043	-84.85	155.56	0.00036
-91.92	148.49	0.00031	-98.99	141.42	0.00027
-102.53	137.89	0.00026	-106.07	134.35	0.00024

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00024	-109.60	130.81	0.00024
-111.02	129.40	0.00023	-112.43	127.99	0.00023
-113.84	126.57	0.00023	-126.57	113.84	0.00021
-127.99	112.43	0.00021	-129.40	111.02	0.00021
-130.81	109.60	0.00021	-132.23	108.19	0.00021
-134.35	106.07	0.00021	-137.89	102.53	0.00021
-141.42	98.99	0.00021	-148.49	91.92	0.00021
-155.56	84.85	0.00020	-162.63	77.78	0.00019
-169.71	70.71	0.00019	-176.78	63.64	0.00019
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00072	-49.50	176.78	0.00069
-56.57	169.71	0.00065	-63.64	162.63	0.00059
-70.71	155.56	0.00051	-77.78	148.49	0.00043
-84.85	141.42	0.00036	-91.92	134.35	0.00031
-95.46	130.81	0.00029	-98.99	127.28	0.00028
-101.12	125.16	0.00027	-102.53	123.74	0.00027
-103.94	122.33	0.00026	-105.36	120.92	0.00026
-106.77	119.50	0.00026	-119.50	106.77	0.00024
-120.92	105.36	0.00024	-122.33	103.94	0.00024
-123.74	102.53	0.00024	-125.16	101.12	0.00024
-127.28	98.99	0.00024	-130.81	95.46	0.00024
-134.35	91.92	0.00023	-141.42	84.85	0.00023
-148.49	77.78	0.00022	-155.56	70.71	0.00021
-162.63	63.64	0.00021	-169.71	56.57	0.00021
-176.78	49.50	0.00021	-183.85	42.43	0.00021
-35.36	176.78	0.00082	-42.43	169.71	0.00081
-49.50	162.63	0.00077	-56.57	155.56	0.00071
-63.64	148.49	0.00062	-70.71	141.42	0.00053
-77.78	134.35	0.00044	-84.85	127.28	0.00037
-88.39	123.74	0.00034	-91.92	120.21	0.00032
-94.05	118.09	0.00031	-95.46	116.67	0.00030
-96.87	115.26	0.00030	-98.29	113.84	0.00029
-99.70	112.43	0.00029	-112.43	99.70	0.00027
-113.84	98.29	0.00027	-115.26	96.87	0.00027
-116.67	95.46	0.00027	-118.09	94.05	0.00027

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

19:03:36  
 \*\*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      \*\*

		20NCRA NAPA01-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00027	-123.74	88.39	0.00027
-127.28	84.85	0.00026	-134.35	77.78	0.00025
-141.42	70.71	0.00025	-148.49	63.64	0.00024
-155.56	56.57	0.00023	-162.63	49.50	0.00023
-169.71	42.43	0.00023	-176.78	35.36	0.00023
-28.28	169.71	0.00092	-35.36	162.63	0.00093
-42.43	155.56	0.00091	-49.50	148.49	0.00085
-56.57	141.42	0.00076	-63.64	134.35	0.00065
-70.71	127.28	0.00053	-77.78	120.21	0.00044
-81.32	116.67	0.00040	-84.85	113.14	0.00037
-86.97	111.02	0.00036	-88.39	109.60	0.00035
-89.80	108.19	0.00034	-91.22	106.77	0.00034
-92.63	105.36	0.00033	-105.36	92.63	0.00030
-106.77	91.22	0.00030	-108.19	89.80	0.00030
-109.60	88.39	0.00030	-111.02	86.97	0.00030
-113.14	84.85	0.00030	-116.67	81.32	0.00030
-120.21	77.78	0.00030	-127.28	70.71	0.00029
-134.35	63.64	0.00028	-141.42	56.57	0.00027
-148.49	49.50	0.00027	-155.56	42.43	0.00026
-162.63	35.36	0.00027	-169.71	28.28	0.00026
-21.21	162.63	0.00102	-28.28	155.56	0.00106
-35.36	148.49	0.00107	-42.43	141.42	0.00103
-49.50	134.35	0.00094	-56.57	127.28	0.00081
-63.64	120.21	0.00067	-70.71	113.14	0.00053
-74.25	109.60	0.00048	-77.78	106.07	0.00044
-79.90	103.94	0.00042	-81.32	102.53	0.00041
-82.73	101.12	0.00040	-84.15	99.70	0.00039
-85.56	98.29	0.00038	-98.29	85.56	0.00035
-99.70	84.15	0.00035	-101.12	82.73	0.00035
-102.53	81.32	0.00035	-103.94	79.90	0.00035
-106.07	77.78	0.00035	-109.60	74.25	0.00034
-113.14	70.71	0.00034	-120.21	63.64	0.00032
-127.28	56.57	0.00031	-134.35	49.50	0.00031
-141.42	42.43	0.00031	-148.49	35.36	0.00031
-155.56	28.28	0.00030	-162.63	21.21	0.00030
-14.14	155.56	0.00111	-21.21	148.49	0.00119
-28.28	141.42	0.00123	-35.36	134.35	0.00123
-42.43	127.28	0.00117	-49.50	120.21	0.00104
-56.57	113.14	0.00086	-63.64	106.07	0.00067
-67.18	102.53	0.00059	-70.71	98.99	0.00053

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36

\*\*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	0.00050	-74.25	95.46	0.00049
-75.66	94.05	0.00047	-77.07	92.63	0.00046
-78.49	91.22	0.00045	-91.22	78.49	0.00040
-92.63	77.07	0.00040	-94.05	75.66	0.00040
-95.46	74.25	0.00040	-96.87	72.83	0.00040
-98.99	70.71	0.00040	-102.53	67.18	0.00039
-106.07	63.64	0.00038	-113.14	56.57	0.00037
-120.21	49.50	0.00036	-127.28	42.43	0.00036
-134.35	35.36	0.00036	-141.42	28.28	0.00036
-148.49	21.21	0.00035	-155.56	14.14	0.00035
-7.07	148.49	0.00120	-14.14	141.42	0.00131
-21.21	134.35	0.00140	-28.28	127.28	0.00145
-35.36	120.21	0.00144	-42.43	113.14	0.00133
-49.50	106.07	0.00112	-56.57	98.99	0.00087
-60.10	95.46	0.00076	-63.64	91.92	0.00066
-65.76	89.80	0.00062	-67.18	88.39	0.00059
-68.59	86.97	0.00057	-70.00	85.56	0.00055
-71.42	84.15	0.00053	-84.15	71.42	0.00047
-85.56	70.00	0.00047	-86.97	68.59	0.00047
-88.39	67.18	0.00047	-89.80	65.76	0.00046
-91.92	63.64	0.00046	-95.46	60.10	0.00045
-98.99	56.57	0.00044	-106.07	49.50	0.00043
-113.14	42.43	0.00042	-120.21	35.36	0.00042
-127.28	28.28	0.00042	-134.35	21.21	0.00042
-141.42	14.14	0.00042	-148.49	7.07	0.00041
0.00	141.42	0.00128	-7.07	134.35	0.00143
-14.14	127.28	0.00157	-21.21	120.21	0.00168
-28.28	113.14	0.00174	-35.36	106.07	0.00169
-42.43	98.99	0.00150	-49.50	91.92	0.00118
-53.03	88.39	0.00101	-56.57	84.85	0.00086
-58.69	82.73	0.00079	-60.10	81.32	0.00074
-61.52	79.90	0.00070	-62.93	78.49	0.00067
-64.35	77.07	0.00065	-77.07	64.35	0.00055
-78.49	62.93	0.00055	-79.90	61.52	0.00055
-81.32	60.10	0.00055	-82.73	58.69	0.00054
-84.85	56.57	0.00054	-88.39	53.03	0.00053
-91.92	49.50	0.00052	-98.99	42.43	0.00050

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00050	-113.14	28.28	0.00050
-120.21	21.21	0.00050	-127.28	14.14	0.00050
-134.35	7.07	0.00049	-141.42	0.00	0.00049

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

19:03:36  
 \*\*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
7.07	134.35	0.00135	0.00	127.28	0.00153
-7.07	120.21	0.00172	-14.14	113.14	0.00190
-21.21	106.07	0.00205	-28.28	98.99	0.00211
-35.36	91.92	0.00200	-42.43	84.85	0.00166
-45.96	81.32	0.00142	-49.50	77.78	0.00118
-51.62	75.66	0.00105	-53.03	74.25	0.00098
-54.45	72.83	0.00091	-55.86	71.42	0.00085
-57.28	70.00	0.00081	-70.00	57.28	0.00066
-71.42	55.86	0.00065	-72.83	54.45	0.00065
-74.25	53.03	0.00065	-75.66	51.62	0.00064
-77.78	49.50	0.00063	-81.32	45.96	0.00062
-84.85	42.43	0.00061	-91.92	35.36	0.00061
-98.99	28.28	0.00061	-106.07	21.21	0.00061
-113.14	14.14	0.00061	-120.21	7.07	0.00061
-127.28	0.00	0.00060	-134.35	-7.07	0.00058
14.14	127.28	0.00138	7.07	120.21	0.00160
0.00	113.14	0.00184	-7.07	106.07	0.00210
-14.14	98.99	0.00234	-21.21	91.92	0.00254
-28.28	84.85	0.00260	-35.36	77.78	0.00236
-38.89	74.25	0.00209	-42.43	70.71	0.00174
-44.55	68.59	0.00152	-45.96	67.18	0.00138
-47.38	65.76	0.00126	-48.79	64.35	0.00115
-50.20	62.93	0.00106	-62.93	50.20	0.00079
-64.35	48.79	0.00078	-65.76	47.38	0.00078
-67.18	45.96	0.00077	-68.59	44.55	0.00077
-70.71	42.43	0.00076	-74.25	38.89	0.00075
-77.78	35.36	0.00075	-84.85	28.28	0.00076
-91.92	21.21	0.00076	-98.99	14.14	0.00077
-106.07	7.07	0.00076	-113.14	0.00	0.00075
-120.21	-7.07	0.00073	-127.28	-14.14	0.00070
21.21	120.21	0.00140	14.14	113.14	0.00164

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00193	0.00	98.99	0.00226
-7.07	91.92	0.00260	-14.14	84.85	0.00294
-21.21	77.78	0.00321	-28.28	70.71	0.00325
-31.82	67.18	0.00308	-35.36	63.64	0.00271
-37.48	61.52	0.00239	-38.89	60.10	0.00216
-40.31	58.69	0.00193	-41.72	57.28	0.00171
-43.13	55.86	0.00151	-55.86	43.13	0.00096
-57.28	41.72	0.00095	-58.69	40.31	0.00094
-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      \*\*\*

19:03:36  
 \*\*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	0.00095	-77.78	21.21	0.00098
-84.85	14.14	0.00099	-91.92	7.07	0.00099
-98.99	0.00	0.00097	-106.07	-7.07	0.00094
-113.14	-14.14	0.00089	-120.21	-21.21	0.00084
28.28	113.14	0.00138	21.21	106.07	0.00165
14.14	98.99	0.00197	7.07	91.92	0.00235
0.00	84.85	0.00279	-7.07	77.78	0.00327
-14.14	70.71	0.00376	-21.21	63.64	0.00414
-24.75	60.10	0.00422	-28.28	56.57	0.00410
-30.41	54.45	0.00388	-31.82	53.03	0.00364
-33.23	51.62	0.00332	-34.65	50.20	0.00294
-36.06	48.79	0.00254	-48.79	36.06	0.00119
-50.20	34.65	0.00118	-51.62	33.23	0.00118
-53.03	31.82	0.00119	-54.45	30.41	0.00120
-56.57	28.28	0.00122	-60.10	24.75	0.00126
-63.64	21.21	0.00129	-70.71	14.14	0.00134
-77.78	7.07	0.00133	-84.85	0.00	0.00129
-91.92	-7.07	0.00123	-98.99	-14.14	0.00115
-106.07	-21.21	0.00107	-113.14	-28.28	0.00099
35.36	106.07	0.00135	28.28	98.99	0.00162
21.21	91.92	0.00196	14.14	84.85	0.00238
7.07	77.78	0.00289	0.00	70.71	0.00349
-7.07	63.64	0.00415	-14.14	56.57	0.00482
-17.68	53.03	0.00514	-21.21	49.50	0.00538



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00544	-24.75	45.96	0.00541
-26.16	44.55	0.00534	-27.58	43.13	0.00516
-28.99	41.72	0.00481	-41.72	28.99	0.00167
-43.13	27.58	0.00171	-44.55	26.16	0.00174
-45.96	24.75	0.00177	-47.38	23.33	0.00179
-49.50	21.21	0.00183	-53.03	17.68	0.00186
-56.57	14.14	0.00187	-63.64	7.07	0.00184
-70.71	0.00	0.00175	-77.78	-7.07	0.00163
-84.85	-14.14	0.00150	-91.92	-21.21	0.00137
-98.99	-28.28	0.00124	-106.07	-35.36	0.00113
42.43	98.99	0.00129	35.36	91.92	0.00156
28.28	84.85	0.00190	21.21	77.78	0.00234
14.14	70.71	0.00290	7.07	63.64	0.00358
0.00	56.57	0.00436	-7.07	49.50	0.00521
-10.61	45.96	0.00565	-14.14	42.43	0.00604

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

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

19:03:36

\*\*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	0.00621	-17.68	38.89	0.00628
-19.09	37.48	0.00631	-20.51	36.06	0.00636
-21.92	34.65	0.00632	-34.65	21.92	0.00311
-36.06	20.51	0.00296	-37.48	19.09	0.00285
-38.89	17.68	0.00278	-40.31	16.26	0.00272
-42.43	14.14	0.00266	-45.96	10.61	0.00258
-49.50	7.07	0.00250	-56.57	0.00	0.00234
-63.64	-7.07	0.00214	-70.71	-14.14	0.00194
-77.78	-21.21	0.00174	-84.85	-28.28	0.00156
-91.92	-35.36	0.00140	-98.99	-42.43	0.00126
49.50	91.92	0.00122	42.43	84.85	0.00147
35.36	77.78	0.00180	28.28	70.71	0.00223
21.21	63.64	0.00280	14.14	56.57	0.00352
7.07	49.50	0.00438	0.00	42.43	0.00534
-3.54	38.89	0.00582	-7.07	35.36	0.00626
-9.19	33.23	0.00645	-10.61	31.82	0.00653
-12.02	30.41	0.00656	-13.44	28.99	0.00657
-14.85	27.58	0.00653	-27.58	14.85	0.00389
-28.99	13.44	0.00377	-30.41	12.02	0.00367

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00358	-33.23	9.19	0.00350
-35.36	7.07	0.00339	-38.89	3.54	0.00323
-42.43	0.00	0.00309	-49.50	-7.07	0.00280
-56.57	-14.14	0.00251	-63.64	-21.21	0.00223
-70.71	-28.28	0.00197	-77.78	-35.36	0.00175
-84.85	-42.43	0.00155	-91.92	-49.50	0.00137
56.57	84.85	0.00112	49.50	77.78	0.00135
42.43	70.71	0.00165	35.36	63.64	0.00205
28.28	56.57	0.00260	21.21	49.50	0.00332
14.14	42.43	0.00424	7.07	35.36	0.00530
3.54	31.82	0.00581	0.00	28.28	0.00628
-2.12	26.16	0.00649	-3.54	24.75	0.00658
-4.95	23.33	0.00661	-6.36	21.92	0.00660
-7.78	20.51	0.00657	-20.51	7.78	0.00416
-21.92	6.36	0.00409	-23.33	4.95	0.00404
-24.75	3.54	0.00399	-26.16	2.12	0.00394
-28.28	0.00	0.00386	-31.82	-3.54	0.00371
-35.36	-7.07	0.00355	-42.43	-14.14	0.00320
-49.50	-21.21	0.00284	-56.57	-28.28	0.00249
-63.64	-35.36	0.00218	-70.71	-42.43	0.00190
-77.78	-49.50	0.00167	-84.85	-56.57	0.00147

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

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

19:03:36

\*\*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
63.64	77.78	0.00101	56.57	70.71	0.00121
49.50	63.64	0.00148	42.43	56.57	0.00184
35.36	49.50	0.00233	28.28	42.43	0.00302
21.21	35.36	0.00394	14.14	28.28	0.00508
10.61	24.75	0.00565	7.07	21.21	0.00615
4.95	19.09	0.00639	3.54	17.68	0.00651
2.12	16.26	0.00657	0.71	14.85	0.00657
-0.71	13.44	0.00654	-13.44	0.71	0.00425
-14.85	-0.71	0.00420	-16.26	-2.12	0.00418
-17.68	-3.54	0.00415	-19.09	-4.95	0.00413
-21.21	-7.07	0.00409	-24.75	-10.61	0.00399
-28.28	-14.14	0.00385	-35.36	-21.21	0.00349
-42.43	-28.28	0.00308	-49.50	-35.36	0.00269

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00233	-63.64	-49.50	0.00203
-70.71	-56.57	0.00176	-77.78	-63.64	0.00154
70.71	70.71	0.00089	63.64	63.64	0.00107
56.57	56.57	0.00130	49.50	49.50	0.00160
42.43	42.43	0.00203	35.36	35.36	0.00262
28.28	28.28	0.00348	21.21	21.21	0.00464
17.68	17.68	0.00529	14.14	14.14	0.00589
12.02	12.02	0.00617	10.61	10.61	0.00632
9.19	9.19	0.00641	7.78	7.78	0.00644
6.36	6.36	0.00643	-6.36	-6.36	0.00426
-7.78	-7.78	0.00422	-9.19	-9.19	0.00420
-10.61	-10.61	0.00419	-12.02	-12.02	0.00418
-14.14	-14.14	0.00417	-17.68	-17.68	0.00410
-21.21	-21.21	0.00399	-28.28	-28.28	0.00364
-35.36	-35.36	0.00322	-42.43	-42.43	0.00281
-49.50	-49.50	0.00243	-56.57	-56.57	0.00210
-63.64	-63.64	0.00182	-70.71	-70.71	0.00158
77.78	63.64	0.00078	70.71	56.57	0.00093
63.64	49.50	0.00111	56.57	42.43	0.00136
49.50	35.36	0.00170	42.43	28.28	0.00218
35.36	21.21	0.00288	28.28	14.14	0.00395
24.75	10.61	0.00464	21.21	7.07	0.00536
19.09	4.95	0.00574	17.68	3.54	0.00595
16.26	2.12	0.00610	14.85	0.71	0.00618
13.44	-0.71	0.00620	0.71	-13.44	0.00420
-0.71	-14.85	0.00417	-2.12	-16.26	0.00416
-3.54	-17.68	0.00415	-4.95	-19.09	0.00415

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

19:03:36  
 \*\*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
-7.07	-21.21	0.00414	-10.61	-24.75	0.00410
-14.14	-28.28	0.00400	-21.21	-35.36	0.00367
-28.28	-42.43	0.00325	-35.36	-49.50	0.00283
-42.43	-56.57	0.00244	-49.50	-63.64	0.00210
-56.57	-70.71	0.00181	-63.64	-77.78	0.00157
84.85	56.57	0.00068	77.78	49.50	0.00079
70.71	42.43	0.00094	63.64	35.36	0.00113

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00138	49.50	21.21	0.00173
42.43	14.14	0.00224	35.36	7.07	0.00305
31.82	3.54	0.00365	28.28	0.00	0.00440
26.16	-2.12	0.00488	24.75	-3.54	0.00518
23.33	-4.95	0.00544	21.92	-6.36	0.00564
20.51	-7.78	0.00577	7.78	-20.51	0.00408
6.36	-21.92	0.00405	4.95	-23.33	0.00404
3.54	-24.75	0.00404	2.12	-26.16	0.00404
0.00	-28.28	0.00403	-3.54	-31.82	0.00398
-7.07	-35.36	0.00388	-14.14	-42.43	0.00356
-21.21	-49.50	0.00315	-28.28	-56.57	0.00274
-35.36	-63.64	0.00236	-42.43	-70.71	0.00203
-49.50	-77.78	0.00176	-56.57	-84.85	0.00152
91.92	49.50	0.00058	84.85	42.43	0.00067
77.78	35.36	0.00078	70.71	28.28	0.00092
63.64	21.21	0.00109	56.57	14.14	0.00132
49.50	7.07	0.00164	42.43	0.00	0.00213
38.89	-3.54	0.00249	35.36	-7.07	0.00300
33.23	-9.19	0.00340	31.82	-10.61	0.00371
30.41	-12.02	0.00405	28.99	-13.44	0.00441
27.58	-14.85	0.00474	14.85	-27.58	0.00388
13.44	-28.99	0.00384	12.02	-30.41	0.00382
10.61	-31.82	0.00381	9.19	-33.23	0.00380
7.07	-35.36	0.00377	3.54	-38.89	0.00370
0.00	-42.43	0.00358	-7.07	-49.50	0.00327
-14.14	-56.57	0.00290	-21.21	-63.64	0.00253
-28.28	-70.71	0.00220	-35.36	-77.78	0.00191
-42.43	-84.85	0.00166	-49.50	-91.92	0.00145
98.99	42.43	0.00049	91.92	35.36	0.00056
84.85	28.28	0.00064	77.78	21.21	0.00074
70.71	14.14	0.00085	63.64	7.07	0.00099
56.57	0.00	0.00116	49.50	-7.07	0.00138
45.96	-10.61	0.00153	42.43	-14.14	0.00170

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

19:03:36  
 \*\*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	0.00182	38.89	-17.68	0.00192

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00205	36.06	-20.51	0.00221
34.65	-21.92	0.00246	21.92	-34.65	0.00340
20.51	-36.06	0.00332	19.09	-37.48	0.00327
17.68	-38.89	0.00324	16.26	-40.31	0.00321
14.14	-42.43	0.00317	10.61	-45.96	0.00310
7.07	-49.50	0.00302	0.00	-56.57	0.00280
-7.07	-63.64	0.00253	-14.14	-70.71	0.00225
-21.21	-77.78	0.00199	-28.28	-84.85	0.00175
-35.36	-91.92	0.00154	-42.43	-98.99	0.00136
106.07	35.36	0.00042	98.99	28.28	0.00046
91.92	21.21	0.00052	84.85	14.14	0.00058
77.78	7.07	0.00065	70.71	0.00	0.00073
63.64	-7.07	0.00081	56.57	-14.14	0.00090
53.03	-17.68	0.00094	49.50	-21.21	0.00097
47.38	-23.33	0.00098	45.96	-24.75	0.00099
44.55	-26.16	0.00100	43.13	-27.58	0.00101
41.72	-28.99	0.00102	28.99	-41.72	0.00194
27.58	-43.13	0.00205	26.16	-44.55	0.00214
24.75	-45.96	0.00221	23.33	-47.38	0.00227
21.21	-49.50	0.00233	17.68	-53.03	0.00238
14.14	-56.57	0.00238	7.07	-63.64	0.00231
0.00	-70.71	0.00215	-7.07	-77.78	0.00196
-14.14	-84.85	0.00177	-21.21	-91.92	0.00158
-28.28	-98.99	0.00141	-35.36	-106.07	0.00126
113.14	28.28	0.00035	106.07	21.21	0.00039
98.99	14.14	0.00042	91.92	7.07	0.00046
84.85	0.00	0.00051	77.78	-7.07	0.00055
70.71	-14.14	0.00060	63.64	-21.21	0.00063
60.10	-24.75	0.00065	56.57	-28.28	0.00066
54.45	-30.41	0.00067	53.03	-31.82	0.00068
51.62	-33.23	0.00069	50.20	-34.65	0.00071
48.79	-36.06	0.00073	36.06	-48.79	0.00111
34.65	-50.20	0.00119	33.23	-51.62	0.00128
31.82	-53.03	0.00137	30.41	-54.45	0.00145
28.28	-56.57	0.00156	24.75	-60.10	0.00170
21.21	-63.64	0.00177	14.14	-70.71	0.00182
7.07	-77.78	0.00177	0.00	-84.85	0.00167
-7.07	-91.92	0.00154	-14.14	-98.99	0.00140
-21.21	-106.07	0.00127	-28.28	-113.14	0.00115

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

\*\*\*

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	0.00030	113.14	14.14	0.00033	
106.07	7.07	0.00035	98.99	0.00	0.00038	
91.92	-7.07	0.00041	84.85	-14.14	0.00043	
77.78	-21.21	0.00046	70.71	-28.28	0.00048	
67.18	-31.82	0.00048	63.64	-35.36	0.00050	
61.52	-37.48	0.00052	60.10	-38.89	0.00053	
58.69	-40.31	0.00055	57.28	-41.72	0.00057	
55.86	-43.13	0.00059	43.13	-55.86	0.00078	
41.72	-57.28	0.00082	40.31	-58.69	0.00086	
38.89	-60.10	0.00090	37.48	-61.52	0.00095	
35.36	-63.64	0.00104	31.82	-67.18	0.00116	
28.28	-70.71	0.00127	21.21	-77.78	0.00139	
14.14	-84.85	0.00141	7.07	-91.92	0.00137	
0.00	-98.99	0.00131	-7.07	-106.07	0.00122	
-14.14	-113.14	0.00113	-21.21	-120.21	0.00104	
127.28	14.14	0.00026	120.21	7.07	0.00028	
113.14	0.00	0.00029	106.07	-7.07	0.00031	
98.99	-14.14	0.00033	91.92	-21.21	0.00035	
84.85	-28.28	0.00036	77.78	-35.36	0.00037	
74.25	-38.89	0.00039	70.71	-42.43	0.00041	
68.59	-44.55	0.00043	67.18	-45.96	0.00044	
65.76	-47.38	0.00046	64.35	-48.79	0.00047	
62.93	-50.20	0.00049	50.20	-62.93	0.00061	
48.79	-64.35	0.00062	47.38	-65.76	0.00064	
45.96	-67.18	0.00066	44.55	-68.59	0.00069	
42.43	-70.71	0.00073	38.89	-74.25	0.00082	
35.36	-77.78	0.00090	28.28	-84.85	0.00103	
21.21	-91.92	0.00110	14.14	-98.99	0.00111	
7.07	-106.07	0.00109	0.00	-113.14	0.00104	
-7.07	-120.21	0.00098	-14.14	-127.28	0.00092	
134.35	7.07	0.00022	127.28	0.00	0.00024	
120.21	-7.07	0.00025	113.14	-14.14	0.00026	
106.07	-21.21	0.00027	98.99	-28.28	0.00028	
91.92	-35.36	0.00029	84.85	-42.43	0.00031	
81.32	-45.96	0.00033	77.78	-49.50	0.00035	
75.66	-51.62	0.00036	74.25	-53.03	0.00037	
72.83	-54.45	0.00039	71.42	-55.86	0.00040	
70.00	-57.28	0.00042	57.28	-70.00	0.00049	
55.86	-71.42	0.00050	54.45	-72.83	0.00051	

53.03 -74.25 0.00052 51.62 -75.66 0.00053

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\_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	0.00055	45.96	-81.32	0.00060
42.43	-84.85	0.00066	35.36	-91.92	0.00077
28.28	-98.99	0.00085	21.21	-106.07	0.00089
14.14	-113.14	0.00090	7.07	-120.21	0.00088
0.00	-127.28	0.00085	-7.07	-134.35	0.00081
141.42	0.00	0.00019	134.35	-7.07	0.00020
127.28	-14.14	0.00021	120.21	-21.21	0.00022
113.14	-28.28	0.00022	106.07	-35.36	0.00023
98.99	-42.43	0.00024	91.92	-49.50	0.00027
88.39	-53.03	0.00028	84.85	-56.57	0.00030
82.73	-58.69	0.00031	81.32	-60.10	0.00032
79.90	-61.52	0.00033	78.49	-62.93	0.00034
77.07	-64.35	0.00036	64.35	-77.07	0.00041
62.93	-78.49	0.00041	61.52	-79.90	0.00041
60.10	-81.32	0.00042	58.69	-82.73	0.00042
56.57	-84.85	0.00044	53.03	-88.39	0.00047
49.50	-91.92	0.00050	42.43	-98.99	0.00059
35.36	-106.07	0.00066	28.28	-113.14	0.00071
21.21	-120.21	0.00073	14.14	-127.28	0.00074
7.07	-134.35	0.00072	0.00	-141.42	0.00070
148.49	-7.07	0.00017	141.42	-14.14	0.00017
134.35	-21.21	0.00018	127.28	-28.28	0.00018
120.21	-35.36	0.00019	113.14	-42.43	0.00020
106.07	-49.50	0.00021	98.99	-56.57	0.00023
95.46	-60.10	0.00024	91.92	-63.64	0.00026
89.80	-65.76	0.00027	88.39	-67.18	0.00028
86.97	-68.59	0.00029	85.56	-70.00	0.00030
84.15	-71.42	0.00031	71.42	-84.15	0.00034
70.00	-85.56	0.00034	68.59	-86.97	0.00035
67.18	-88.39	0.00035	65.76	-89.80	0.00035
63.64	-91.92	0.00036	60.10	-95.46	0.00038
56.57	-98.99	0.00040	49.50	-106.07	0.00046
42.43	-113.14	0.00052	35.36	-120.21	0.00057

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00060	21.21	-134.35	0.00061
14.14	-141.42	0.00062	7.07	-148.49	0.00061
155.56	-14.14	0.00015	148.49	-21.21	0.00015
141.42	-28.28	0.00015	134.35	-35.36	0.00016
127.28	-42.43	0.00016	120.21	-49.50	0.00017
113.14	-56.57	0.00018	106.07	-63.64	0.00020
102.53	-67.18	0.00021	98.99	-70.71	0.00023

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\_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	0.00024	95.46	-74.25	0.00024
94.05	-75.66	0.00025	92.63	-77.07	0.00026
91.22	-78.49	0.00027	78.49	-91.22	0.00029
77.07	-92.63	0.00029	75.66	-94.05	0.00029
74.25	-95.46	0.00030	72.83	-96.87	0.00030
70.71	-98.99	0.00030	67.18	-102.53	0.00031
63.64	-106.07	0.00033	56.57	-113.14	0.00037
49.50	-120.21	0.00041	42.43	-127.28	0.00046
35.36	-134.35	0.00049	28.28	-141.42	0.00051
21.21	-148.49	0.00052	14.14	-155.56	0.00052
162.63	-21.21	0.00013	155.56	-28.28	0.00013
148.49	-35.36	0.00013	141.42	-42.43	0.00014
134.35	-49.50	0.00014	127.28	-56.57	0.00015
120.21	-63.64	0.00016	113.14	-70.71	0.00018
109.60	-74.25	0.00019	106.07	-77.78	0.00020
103.94	-79.90	0.00021	102.53	-81.32	0.00022
101.12	-82.73	0.00022	99.70	-84.15	0.00023
98.29	-85.56	0.00023	85.56	-98.29	0.00025
84.15	-99.70	0.00025	82.73	-101.12	0.00025
81.32	-102.53	0.00025	79.90	-103.94	0.00025
77.78	-106.07	0.00026	74.25	-109.60	0.00026
70.71	-113.14	0.00027	63.64	-120.21	0.00030
56.57	-127.28	0.00034	49.50	-134.35	0.00037
42.43	-141.42	0.00040	35.36	-148.49	0.00043
28.28	-155.56	0.00044	21.21	-162.63	0.00045
169.71	-28.28	0.00011	162.63	-35.36	0.00011
155.56	-42.43	0.00012	148.49	-49.50	0.00012



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00013	134.35	-63.64	0.00014
127.28	-70.71	0.00015	120.21	-77.78	0.00016
116.67	-81.32	0.00017	113.14	-84.85	0.00018
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00020	106.77	-91.22	0.00020
105.36	-92.63	0.00021	92.63	-105.36	0.00022
91.22	-106.77	0.00022	89.80	-108.19	0.00022
88.39	-109.60	0.00022	86.97	-111.02	0.00022
84.85	-113.14	0.00022	81.32	-116.67	0.00023
77.78	-120.21	0.00023	70.71	-127.28	0.00025
63.64	-134.35	0.00028	56.57	-141.42	0.00031
49.50	-148.49	0.00033	42.43	-155.56	0.00036
35.36	-162.63	0.00037	28.28	-169.71	0.00038

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\_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	0.00010
162.63	-49.50	0.00010	155.56	-56.57	0.00011
148.49	-63.64	0.00012	141.42	-70.71	0.00012
134.35	-77.78	0.00013	127.28	-84.85	0.00014
123.74	-88.39	0.00015	120.21	-91.92	0.00016
118.09	-94.05	0.00017	116.67	-95.46	0.00017
115.26	-96.87	0.00018	113.84	-98.29	0.00018
112.43	-99.70	0.00018	99.70	-112.43	0.00019
98.29	-113.84	0.00019	96.87	-115.26	0.00019
95.46	-116.67	0.00019	94.05	-118.09	0.00019
91.92	-120.21	0.00019	88.39	-123.74	0.00020
84.85	-127.28	0.00020	77.78	-134.35	0.00021
70.71	-141.42	0.00023	63.64	-148.49	0.00026
56.57	-155.56	0.00028	49.50	-162.63	0.00030
42.43	-169.71	0.00032	35.36	-176.78	0.00033
183.85	-42.43	0.00009	176.78	-49.50	0.00009
169.71	-56.57	0.00009	162.63	-63.64	0.00010
155.56	-70.71	0.00010	148.49	-77.78	0.00011
141.42	-84.85	0.00012	134.35	-91.92	0.00013
130.81	-95.46	0.00014	127.28	-98.99	0.00014
125.16	-101.12	0.00015	123.74	-102.53	0.00015

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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\_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	0.00015	102.53	-137.89	0.00015
98.99	-141.42	0.00016	91.92	-148.49	0.00016
84.85	-155.56	0.00017	77.78	-162.63	0.00019
70.71	-169.71	0.00020	63.64	-176.78	0.00022
56.57	-183.85	0.00024	49.50	-190.92	0.00025
197.99	-56.57	0.00007	190.92	-63.64	0.00007
183.85	-70.71	0.00008	176.78	-77.78	0.00008
169.71	-84.85	0.00009	162.63	-91.92	0.00009
155.56	-98.99	0.00010	148.49	-106.07	0.00011
144.96	-109.60	0.00011	141.42	-113.14	0.00012
139.30	-115.26	0.00012	137.89	-116.67	0.00013
136.47	-118.09	0.00013	135.06	-119.50	0.00013
133.64	-120.92	0.00013	120.92	-133.64	0.00014
119.50	-135.06	0.00014	118.09	-136.47	0.00014
116.67	-137.89	0.00014	115.26	-139.30	0.00014

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00014	109.60	-144.96	0.00014
106.07	-148.49	0.00014	98.99	-155.56	0.00014
91.92	-162.63	0.00015	84.85	-169.71	0.00016
77.78	-176.78	0.00018	70.71	-183.85	0.00019
63.64	-190.92	0.00020	56.57	-197.99	0.00022
205.06	-63.64	0.00007	197.99	-70.71	0.00007
190.92	-77.78	0.00007	183.85	-84.85	0.00008
176.78	-91.92	0.00008	169.71	-98.99	0.00008
162.63	-106.07	0.00009	155.56	-113.14	0.00010
152.03	-116.67	0.00010	148.49	-120.21	0.00011
146.37	-122.33	0.00011	144.96	-123.74	0.00011
143.54	-125.16	0.00012	142.13	-126.57	0.00012
140.71	-127.99	0.00012	127.99	-140.71	0.00012
126.57	-142.13	0.00012	125.16	-143.54	0.00012
123.74	-144.96	0.00012	122.33	-146.37	0.00012
120.21	-148.49	0.00012	116.67	-152.03	0.00012
113.14	-155.56	0.00013	106.07	-162.63	0.00013
98.99	-169.71	0.00014	91.92	-176.78	0.00014
84.85	-183.85	0.00015	77.78	-190.92	0.00017
70.71	-197.99	0.00018	63.64	-205.06	0.00019
212.13	-70.71	0.00006	205.06	-77.78	0.00006
197.99	-84.85	0.00007	190.92	-91.92	0.00007
183.85	-98.99	0.00007	176.78	-106.07	0.00008
169.71	-113.14	0.00008	162.63	-120.21	0.00009
159.10	-123.74	0.00010	155.56	-127.28	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\_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	0.00010	152.03	-130.81	0.00010
150.61	-132.23	0.00011	149.20	-133.64	0.00011
147.79	-135.06	0.00011	135.06	-147.79	0.00011
133.64	-149.20	0.00011	132.23	-150.61	0.00011
130.81	-152.03	0.00011	129.40	-153.44	0.00011
127.28	-155.56	0.00011	123.74	-159.10	0.00011
120.21	-162.63	0.00011	113.14	-169.71	0.00012
106.07	-176.78	0.00012	98.99	-183.85	0.00013
91.92	-190.92	0.00014	84.85	-197.99	0.00015

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00016	70.71	-212.13	0.00017
219.20	-77.78	0.00006	212.13	-84.85	0.00006
205.06	-91.92	0.00006	197.99	-98.99	0.00007
190.92	-106.07	0.00007	183.85	-113.14	0.00007
176.78	-120.21	0.00008	169.71	-127.28	0.00008
166.17	-130.81	0.00009	162.63	-134.35	0.00009
160.51	-136.47	0.00010	159.10	-137.89	0.00010
157.68	-139.30	0.00010	156.27	-140.71	0.00010
154.86	-142.13	0.00010	142.13	-154.86	0.00010
140.71	-156.27	0.00010	139.30	-157.68	0.00010
137.89	-159.10	0.00010	136.47	-160.51	0.00010
134.35	-162.63	0.00010	130.81	-166.17	0.00010
127.28	-169.71	0.00010	120.21	-176.78	0.00011
113.14	-183.85	0.00011	106.07	-190.92	0.00011
98.99	-197.99	0.00012	91.92	-205.06	0.00013
84.85	-212.13	0.00014	77.78	-219.20	0.00015
226.27	-84.85	0.00005	219.20	-91.92	0.00006
212.13	-98.99	0.00006	205.06	-106.07	0.00006
197.99	-113.14	0.00006	190.92	-120.21	0.00007
183.85	-127.28	0.00007	176.78	-134.35	0.00008
173.24	-137.89	0.00008	169.71	-141.42	0.00009
167.58	-143.54	0.00009	166.17	-144.96	0.00009
164.76	-146.37	0.00009	163.34	-147.79	0.00009
161.93	-149.20	0.00009	149.20	-161.93	0.00009
147.79	-163.34	0.00009	146.37	-164.76	0.00009
144.96	-166.17	0.00009	143.54	-167.58	0.00009
141.42	-169.71	0.00009	137.89	-173.24	0.00009
134.35	-176.78	0.00009	127.28	-183.85	0.00010
120.21	-190.92	0.00010	113.14	-197.99	0.00010
106.07	-205.06	0.00011	98.99	-212.13	0.00012
91.92	-219.20	0.00012	84.85	-226.27	0.00013

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\_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	0.00005
219.20	-106.07	0.00005	212.13	-113.14	0.00006
205.06	-120.21	0.00006	197.99	-127.28	0.00006

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00007	183.85	-141.42	0.00007
180.31	-144.96	0.00008	176.78	-148.49	0.00008
174.66	-150.61	0.00008	173.24	-152.03	0.00008
171.83	-153.44	0.00008	170.41	-154.86	0.00008
169.00	-156.27	0.00008	156.27	-169.00	0.00009
154.86	-170.41	0.00009	153.44	-171.83	0.00009
152.03	-173.24	0.00009	150.61	-174.66	0.00009
148.49	-176.78	0.00009	144.96	-180.31	0.00009
141.42	-183.85	0.00009	134.35	-190.92	0.00009
127.28	-197.99	0.00009	120.21	-205.06	0.00009
113.14	-212.13	0.00010	106.07	-219.20	0.00010
98.99	-226.27	0.00011	91.92	-233.35	0.00012
240.42	-98.99	0.00005	233.35	-106.07	0.00005
226.27	-113.14	0.00005	219.20	-120.21	0.00005
212.13	-127.28	0.00006	205.06	-134.35	0.00006
197.99	-141.42	0.00006	190.92	-148.49	0.00007
187.38	-152.03	0.00007	183.85	-155.56	0.00007
181.73	-157.68	0.00008	180.31	-159.10	0.00008
178.90	-160.51	0.00008	177.48	-161.93	0.00008
176.07	-163.34	0.00008	163.34	-176.07	0.00008
161.93	-177.48	0.00008	160.51	-178.90	0.00008
159.10	-180.31	0.00008	157.68	-181.73	0.00008
155.56	-183.85	0.00008	152.03	-187.38	0.00008
148.49	-190.92	0.00008	141.42	-197.99	0.00008
134.35	-205.06	0.00008	127.28	-212.13	0.00009
120.21	-219.20	0.00009	113.14	-226.27	0.00009
106.07	-233.35	0.00010	98.99	-240.42	0.00010
247.49	-106.07	0.00004	240.42	-113.14	0.00005
233.35	-120.21	0.00005	226.27	-127.28	0.00005
219.20	-134.35	0.00005	212.13	-141.42	0.00005
205.06	-148.49	0.00006	197.99	-155.56	0.00006
194.45	-159.10	0.00007	190.92	-162.63	0.00007
188.80	-164.76	0.00007	187.38	-166.17	0.00007
185.97	-167.58	0.00007	184.55	-169.00	0.00007
183.14	-170.41	0.00007	170.41	-183.14	0.00007
169.00	-184.55	0.00007	167.58	-185.97	0.00007
166.17	-187.38	0.00007	164.76	-188.80	0.00007

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\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

20NCRA\_NAPA01-300\_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	0.00007	159.10	-194.45	0.00007
155.56	-197.99	0.00007	148.49	-205.06	0.00007
141.42	-212.13	0.00008	134.35	-219.20	0.00008
127.28	-226.27	0.00008	120.21	-233.35	0.00008
113.14	-240.42	0.00009	106.07	-247.49	0.00009

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
-106.07	247.49	0.00072	-113.14	240.42	0.00069
-120.21	233.35	0.00065	-127.28	226.27	0.00059
-134.35	219.20	0.00051	-141.42	212.13	0.00043
-148.49	205.06	0.00036	-155.56	197.99	0.00031
-159.10	194.45	0.00029	-162.63	190.92	0.00028
-164.76	188.80	0.00027	-166.17	187.38	0.00027
-167.58	185.97	0.00026	-169.00	184.55	0.00026
-170.41	183.14	0.00026	-183.14	170.41	0.00024
-184.55	169.00	0.00024	-185.97	167.58	0.00024
-187.38	166.17	0.00024	-188.80	164.76	0.00024
-190.92	162.63	0.00024	-194.45	159.10	0.00024
-197.99	155.56	0.00023	-205.06	148.49	0.00023
-212.13	141.42	0.00022	-219.20	134.35	0.00021
-226.27	127.28	0.00021	-233.35	120.21	0.00021
-240.42	113.14	0.00021	-247.49	106.07	0.00021
-98.99	240.42	0.00082	-106.07	233.35	0.00081
-113.14	226.27	0.00077	-120.21	219.20	0.00071
-127.28	212.13	0.00062	-134.35	205.06	0.00053
-141.42	197.99	0.00044	-148.49	190.92	0.00037
-152.03	187.38	0.00034	-155.56	183.85	0.00032
-157.68	181.73	0.00031	-159.10	180.31	0.00030
-160.51	178.90	0.00030	-161.93	177.48	0.00029
-163.34	176.07	0.00029	-176.07	163.34	0.00027
-177.48	161.93	0.00027	-178.90	160.51	0.00027
-180.31	159.10	0.00027	-181.73	157.68	0.00027
-183.85	155.56	0.00027	-187.38	152.03	0.00027

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00025
-205.06	134.35	0.00025	-212.13	127.28	0.00024
-219.20	120.21	0.00023	-226.27	113.14	0.00023
-233.35	106.07	0.00023	-240.42	98.99	0.00023
-91.92	233.35	0.00092	-99.00	226.27	0.00093
-106.07	219.20	0.00091	-113.14	212.13	0.00085
-120.21	205.06	0.00076	-127.28	197.99	0.00065
-134.35	190.92	0.00053	-141.42	183.85	0.00044
-144.96	180.31	0.00040	-148.49	176.78	0.00037
-150.61	174.66	0.00036	-152.03	173.24	0.00035
-153.44	171.83	0.00034	-154.86	170.41	0.00034
-156.27	169.00	0.00033	-169.00	156.27	0.00030
-170.41	154.86	0.00030	-171.83	153.44	0.00030
-173.24	152.03	0.00030	-174.66	150.61	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* 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: 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	0.00030	-180.31	144.96	0.00030
-183.85	141.42	0.00030	-190.92	134.35	0.00029
-197.99	127.28	0.00028	-205.06	120.21	0.00027
-212.13	113.14	0.00027	-219.20	106.07	0.00026
-226.27	98.99	0.00027	-233.35	91.92	0.00026
-84.85	226.27	0.00102	-91.92	219.20	0.00106
-99.00	212.13	0.00107	-106.07	205.06	0.00103
-113.14	197.99	0.00094	-120.21	190.92	0.00081
-127.28	183.85	0.00067	-134.35	176.78	0.00053
-137.89	173.24	0.00048	-141.42	169.71	0.00044
-143.54	167.58	0.00042	-144.96	166.17	0.00041
-146.37	164.76	0.00040	-147.79	163.34	0.00039
-149.20	161.93	0.00038	-161.93	149.20	0.00035
-163.34	147.79	0.00035	-164.76	146.37	0.00035
-166.17	144.96	0.00035	-167.58	143.54	0.00035
-169.71	141.42	0.00035	-173.24	137.89	0.00034
-176.78	134.35	0.00034	-183.85	127.28	0.00032
-190.92	120.21	0.00031	-197.99	113.14	0.00031
-205.06	106.07	0.00031	-212.13	98.99	0.00031
-219.20	91.92	0.00030	-226.27	84.85	0.00030

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00111	-84.85	212.13	0.00119
-91.92	205.06	0.00123	-99.00	197.99	0.00123
-106.07	190.92	0.00117	-113.14	183.85	0.00104
-120.21	176.78	0.00086	-127.28	169.71	0.00067
-130.81	166.17	0.00059	-134.35	162.63	0.00053
-136.47	160.51	0.00050	-137.89	159.10	0.00049
-139.30	157.68	0.00047	-140.71	156.27	0.00046
-142.13	154.86	0.00045	-154.86	142.13	0.00040
-156.27	140.71	0.00040	-157.68	139.30	0.00040
-159.10	137.89	0.00040	-160.51	136.47	0.00040
-162.63	134.35	0.00040	-166.17	130.81	0.00039
-169.71	127.28	0.00038	-176.78	120.21	0.00037
-183.85	113.14	0.00036	-190.92	106.07	0.00036
-197.99	98.99	0.00036	-205.06	91.92	0.00036
-212.13	84.85	0.00035	-219.20	77.78	0.00035
-70.71	212.13	0.00120	-77.78	205.06	0.00131
-84.85	197.99	0.00140	-91.92	190.92	0.00145
-98.99	183.85	0.00144	-106.07	176.78	0.00133
-113.14	169.71	0.00112	-120.21	162.63	0.00087
-123.74	159.10	0.00076	-127.28	155.56	0.00066

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
-129.40	153.44	0.00062	-130.81	152.03	0.00059
-132.23	150.61	0.00057	-133.64	149.20	0.00055
-135.06	147.79	0.00053	-147.79	135.06	0.00047
-149.20	133.64	0.00047	-150.61	132.23	0.00047
-152.03	130.81	0.00047	-153.44	129.40	0.00046
-155.56	127.28	0.00046	-159.10	123.74	0.00045
-162.63	120.21	0.00044	-169.71	113.14	0.00043
-176.78	106.07	0.00042	-183.85	98.99	0.00042
-190.92	91.92	0.00042	-197.99	84.85	0.00042
-205.06	77.78	0.00042	-212.13	70.71	0.00041
-63.64	205.06	0.00128	-70.71	197.99	0.00143
-77.78	190.92	0.00157	-84.85	183.85	0.00168
-91.92	176.78	0.00174	-98.99	169.71	0.00169
-106.07	162.63	0.00150	-113.14	155.56	0.00118



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00101	-120.21	148.49	0.00086
-122.33	146.37	0.00079	-123.74	144.96	0.00074
-125.16	143.54	0.00070	-126.57	142.13	0.00067
-127.99	140.71	0.00065	-140.71	127.99	0.00055
-142.13	126.57	0.00055	-143.54	125.16	0.00055
-144.96	123.74	0.00055	-146.37	122.33	0.00054
-148.49	120.21	0.00054	-152.03	116.67	0.00053
-155.56	113.14	0.00052	-162.63	106.07	0.00050
-169.71	98.99	0.00050	-176.78	91.92	0.00050
-183.85	84.85	0.00050	-190.92	77.78	0.00050
-197.99	70.71	0.00049	-205.06	63.64	0.00049
-56.57	197.99	0.00135	-63.64	190.92	0.00153
-70.71	183.85	0.00172	-77.78	176.78	0.00190
-84.85	169.71	0.00205	-91.92	162.63	0.00211
-98.99	155.56	0.00200	-106.07	148.49	0.00166
-109.60	144.96	0.00142	-113.14	141.42	0.00118
-115.26	139.30	0.00105	-116.67	137.89	0.00098
-118.09	136.47	0.00091	-119.50	135.06	0.00085
-120.92	133.64	0.00081	-133.64	120.92	0.00066
-135.06	119.50	0.00065	-136.47	118.09	0.00065
-137.89	116.67	0.00065	-139.30	115.26	0.00064
-141.42	113.14	0.00063	-144.96	109.60	0.00062
-148.49	106.07	0.00061	-155.56	98.99	0.00061
-162.63	91.92	0.00061	-169.71	84.85	0.00061
-176.78	77.78	0.00061	-183.85	70.71	0.00061
-190.92	63.64	0.00060	-197.99	56.57	0.00058

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

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

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00138	-56.57	183.85	0.00160
-63.64	176.78	0.00184	-70.71	169.71	0.00210
-77.78	162.63	0.00234	-84.85	155.56	0.00254
-91.92	148.49	0.00260	-98.99	141.42	0.00236
-102.53	137.89	0.00209	-106.07	134.35	0.00174
-108.19	132.23	0.00152	-109.60	130.81	0.00138
-111.02	129.40	0.00126	-112.43	127.99	0.00115
-113.84	126.57	0.00106	-126.57	113.84	0.00079

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00078	-129.40	111.02	0.00078
-130.81	109.60	0.00077	-132.23	108.19	0.00077
-134.35	106.07	0.00076	-137.89	102.53	0.00075
-141.42	98.99	0.00075	-148.49	91.92	0.00076
-155.56	84.85	0.00076	-162.63	77.78	0.00077
-169.71	70.71	0.00076	-176.78	63.64	0.00075
-183.85	56.57	0.00073	-190.92	49.50	0.00070
-42.43	183.85	0.00140	-49.50	176.78	0.00164
-56.57	169.71	0.00193	-63.64	162.63	0.00226
-70.71	155.56	0.00260	-77.78	148.49	0.00294
-84.85	141.42	0.00321	-91.92	134.35	0.00325
-95.46	130.81	0.00308	-98.99	127.28	0.00271
-101.12	125.16	0.00239	-102.53	123.74	0.00216
-103.94	122.33	0.00193	-105.36	120.92	0.00171
-106.77	119.50	0.00151	-119.50	106.77	0.00096
-120.92	105.36	0.00095	-122.33	103.94	0.00094
-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	0.00095	-141.42	84.85	0.00098
-148.49	77.78	0.00099	-155.56	70.71	0.00099
-162.63	63.64	0.00097	-169.71	56.57	0.00094
-176.78	49.50	0.00089	-183.85	42.43	0.00084
-35.36	176.78	0.00138	-42.43	169.71	0.00165
-49.50	162.63	0.00197	-56.57	155.56	0.00235
-63.64	148.49	0.00279	-70.71	141.42	0.00327
-77.78	134.35	0.00376	-84.85	127.28	0.00414
-88.39	123.74	0.00422	-91.92	120.21	0.00410
-94.05	118.09	0.00388	-95.46	116.67	0.00364
-96.87	115.26	0.00332	-98.29	113.84	0.00294
-99.70	112.43	0.00254	-112.43	99.70	0.00119
-113.84	98.29	0.00118	-115.26	96.87	0.00118
-116.67	95.46	0.00119	-118.09	94.05	0.00120

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

19:03:36  
 \*\*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
-120.21	91.92	0.00122	-123.74	88.39	0.00126
-127.28	84.85	0.00129	-134.35	77.78	0.00134

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00133	-148.49	63.64	0.00129
-155.56	56.57	0.00123	-162.63	49.50	0.00115
-169.71	42.43	0.00107	-176.78	35.36	0.00099
-28.28	169.71	0.00135	-35.36	162.63	0.00162
-42.43	155.56	0.00196	-49.50	148.49	0.00238
-56.57	141.42	0.00289	-63.64	134.35	0.00349
-70.71	127.28	0.00415	-77.78	120.21	0.00482
-81.32	116.67	0.00514	-84.85	113.14	0.00538
-86.97	111.02	0.00544	-88.39	109.60	0.00541
-89.80	108.19	0.00534	-91.22	106.77	0.00516
-92.63	105.36	0.00481	-105.36	92.63	0.00167
-106.77	91.22	0.00171	-108.19	89.80	0.00174
-109.60	88.39	0.00177	-111.02	86.97	0.00179
-113.14	84.85	0.00183	-116.67	81.32	0.00186
-120.21	77.78	0.00187	-127.28	70.71	0.00184
-134.35	63.64	0.00175	-141.42	56.57	0.00163
-148.49	49.50	0.00150	-155.56	42.43	0.00137
-162.63	35.36	0.00124	-169.71	28.28	0.00113
-21.21	162.63	0.00129	-28.28	155.56	0.00156
-35.36	148.49	0.00190	-42.43	141.42	0.00234
-49.50	134.35	0.00290	-56.57	127.28	0.00358
-63.64	120.21	0.00436	-70.71	113.14	0.00521
-74.25	109.60	0.00565	-77.78	106.07	0.00604
-79.90	103.94	0.00621	-81.32	102.53	0.00628
-82.73	101.12	0.00631	-84.15	99.70	0.00636
-85.56	98.29	0.00632	-98.29	85.56	0.00311
-99.70	84.15	0.00296	-101.12	82.73	0.00285
-102.53	81.32	0.00278	-103.94	79.90	0.00272
-106.07	77.78	0.00266	-109.60	74.25	0.00258
-113.14	70.71	0.00250	-120.21	63.64	0.00234
-127.28	56.57	0.00214	-134.35	49.50	0.00194
-141.42	42.43	0.00174	-148.49	35.36	0.00156
-155.56	28.28	0.00140	-162.63	21.21	0.00126
-14.14	155.56	0.00122	-21.21	148.49	0.00147
-28.28	141.42	0.00180	-35.36	134.35	0.00223
-42.43	127.28	0.00280	-49.50	120.21	0.00352
-56.57	113.14	0.00438	-63.64	106.07	0.00534
-67.18	102.53	0.00582	-70.71	98.99	0.00626

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

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

19:03:36  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

20NCRA\_NAPA01-300\_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	0.00645	-74.25	95.46	0.00653
-75.66	94.05	0.00656	-77.07	92.63	0.00657
-78.49	91.22	0.00653	-91.22	78.49	0.00389
-92.63	77.07	0.00377	-94.05	75.66	0.00367
-95.46	74.25	0.00358	-96.87	72.83	0.00350
-98.99	70.71	0.00339	-102.53	67.18	0.00323
-106.07	63.64	0.00309	-113.14	56.57	0.00280
-120.21	49.50	0.00251	-127.28	42.43	0.00223
-134.35	35.36	0.00197	-141.42	28.28	0.00175
-148.49	21.21	0.00155	-155.56	14.14	0.00137
-7.07	148.49	0.00112	-14.14	141.42	0.00135
-21.21	134.35	0.00165	-28.28	127.28	0.00205
-35.36	120.21	0.00260	-42.43	113.14	0.00332
-49.50	106.07	0.00424	-56.57	98.99	0.00530
-60.10	95.46	0.00581	-63.64	91.92	0.00628
-65.76	89.80	0.00649	-67.18	88.39	0.00658
-68.59	86.97	0.00661	-70.00	85.56	0.00660
-71.42	84.15	0.00657	-84.15	71.42	0.00416
-85.56	70.00	0.00409	-86.97	68.59	0.00404
-88.39	67.18	0.00399	-89.80	65.76	0.00394
-91.92	63.64	0.00386	-95.46	60.10	0.00371
-98.99	56.57	0.00355	-106.07	49.50	0.00320
-113.14	42.43	0.00284	-120.21	35.36	0.00249
-127.28	28.28	0.00218	-134.35	21.21	0.00190
-141.42	14.14	0.00167	-148.49	7.07	0.00147
0.00	141.42	0.00101	-7.07	134.35	0.00121
-14.14	127.28	0.00148	-21.21	120.21	0.00184
-28.28	113.14	0.00233	-35.36	106.07	0.00302
-42.43	98.99	0.00394	-49.50	91.92	0.00508
-53.03	88.39	0.00565	-56.57	84.85	0.00615
-58.69	82.73	0.00639	-60.10	81.32	0.00651
-61.52	79.90	0.00657	-62.93	78.49	0.00657
-64.35	77.07	0.00654	-77.07	64.35	0.00425
-78.49	62.93	0.00420	-79.90	61.52	0.00418
-81.32	60.10	0.00415	-82.73	58.69	0.00413
-84.85	56.57	0.00409	-88.39	53.03	0.00399
-91.92	49.50	0.00385	-98.99	42.43	0.00349
-106.07	35.36	0.00308	-113.14	28.28	0.00269
-120.21	21.21	0.00233	-127.28	14.14	0.00203
-134.35	7.07	0.00176	-141.42	0.00	0.00154

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

19:03:36

\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00089	0.00	127.28	0.00107
-7.07	120.21	0.00130	-14.14	113.14	0.00160
-21.21	106.07	0.00203	-28.28	98.99	0.00262
-35.36	91.92	0.00348	-42.43	84.85	0.00464
-45.96	81.32	0.00529	-49.50	77.78	0.00589
-51.62	75.66	0.00617	-53.03	74.25	0.00632
-54.45	72.83	0.00641	-55.86	71.42	0.00644
-57.28	70.00	0.00643	-70.00	57.28	0.00426
-71.42	55.86	0.00422	-72.83	54.45	0.00420
-74.25	53.03	0.00419	-75.66	51.62	0.00418
-77.78	49.50	0.00417	-81.32	45.96	0.00410
-84.85	42.43	0.00399	-91.92	35.36	0.00364
-98.99	28.28	0.00322	-106.07	21.21	0.00281
-113.14	14.14	0.00243	-120.21	7.07	0.00210
-127.28	0.00	0.00182	-134.35	-7.07	0.00158
14.14	127.28	0.00078	7.07	120.21	0.00093
0.00	113.14	0.00111	-7.07	106.07	0.00136
-14.14	98.99	0.00170	-21.21	91.92	0.00218
-28.28	84.85	0.00288	-35.36	77.78	0.00395
-38.89	74.25	0.00464	-42.43	70.71	0.00536
-44.55	68.59	0.00574	-45.96	67.18	0.00595
-47.38	65.76	0.00610	-48.79	64.35	0.00618
-50.20	62.93	0.00620	-62.93	50.20	0.00420
-64.35	48.79	0.00417	-65.76	47.38	0.00416
-67.18	45.96	0.00415	-68.59	44.55	0.00415
-70.71	42.43	0.00414	-74.25	38.89	0.00410
-77.78	35.36	0.00400	-84.85	28.28	0.00367
-91.92	21.21	0.00325	-98.99	14.14	0.00283
-106.07	7.07	0.00244	-113.14	0.00	0.00210
-120.21	-7.07	0.00181	-127.28	-14.14	0.00157
21.21	120.21	0.00068	14.14	113.14	0.00079
7.07	106.07	0.00094	0.00	98.99	0.00113
-7.07	91.92	0.00138	-14.14	84.85	0.00173
-21.21	77.78	0.00224	-28.28	70.71	0.00305

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00365	-35.36	63.64	0.00440
-37.48	61.52	0.00488	-38.89	60.10	0.00518
-40.31	58.69	0.00544	-41.72	57.28	0.00564
-43.13	55.86	0.00577	-55.86	43.13	0.00408
-57.28	41.72	0.00405	-58.69	40.31	0.00404
-60.10	38.89	0.00404	-61.52	37.48	0.00404

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

19:03:36  
 \*\*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	0.00403	-67.18	31.82	0.00398
-70.71	28.28	0.00388	-77.78	21.21	0.00356
-84.85	14.14	0.00315	-91.92	7.07	0.00274
-98.99	0.00	0.00236	-106.07	-7.07	0.00203
-113.14	-14.14	0.00176	-120.21	-21.21	0.00152
28.28	113.14	0.00058	21.21	106.07	0.00067
14.14	98.99	0.00078	7.07	91.92	0.00092
0.00	84.85	0.00109	-7.07	77.78	0.00132
-14.14	70.71	0.00164	-21.21	63.64	0.00213
-24.75	60.10	0.00249	-28.28	56.57	0.00300
-30.41	54.45	0.00340	-31.82	53.03	0.00371
-33.23	51.62	0.00405	-34.65	50.20	0.00441
-36.06	48.79	0.00474	-48.79	36.06	0.00388
-50.20	34.65	0.00384	-51.62	33.23	0.00382
-53.03	31.82	0.00381	-54.45	30.41	0.00380
-56.57	28.28	0.00377	-60.10	24.75	0.00370
-63.64	21.21	0.00358	-70.71	14.14	0.00327
-77.78	7.07	0.00290	-84.85	0.00	0.00253
-91.92	-7.07	0.00220	-98.99	-14.14	0.00191
-106.07	-21.21	0.00166	-113.14	-28.28	0.00145
35.36	106.07	0.00049	28.28	98.99	0.00056
21.21	91.92	0.00064	14.14	84.85	0.00074
7.07	77.78	0.00085	0.00	70.71	0.00099
-7.07	63.64	0.00116	-14.14	56.57	0.00138
-17.68	53.03	0.00153	-21.21	49.50	0.00170
-23.33	47.38	0.00182	-24.75	45.96	0.00192
-26.16	44.55	0.00205	-27.58	43.13	0.00221
-28.99	41.72	0.00246	-41.72	28.99	0.00340

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00332	-44.55	26.16	0.00327
-45.96	24.75	0.00324	-47.38	23.33	0.00321
-49.50	21.21	0.00317	-53.03	17.68	0.00310
-56.57	14.14	0.00302	-63.64	7.07	0.00280
-70.71	0.00	0.00253	-77.78	-7.07	0.00225
-84.85	-14.14	0.00199	-91.92	-21.21	0.00175
-98.99	-28.28	0.00154	-106.07	-35.36	0.00136
42.43	98.99	0.00042	35.36	91.92	0.00046
28.28	84.85	0.00052	21.21	77.78	0.00058
14.14	70.71	0.00065	7.07	63.64	0.00073
0.00	56.57	0.00081	-7.07	49.50	0.00090
-10.61	45.96	0.00094	-14.14	42.43	0.00097

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

19:03:36  
 \*\*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	0.00098	-17.68	38.89	0.00099
-19.09	37.48	0.00100	-20.51	36.06	0.00101
-21.92	34.65	0.00102	-34.65	21.92	0.00194
-36.06	20.51	0.00205	-37.48	19.09	0.00214
-38.89	17.68	0.00221	-40.31	16.26	0.00227
-42.43	14.14	0.00233	-45.96	10.61	0.00238
-49.50	7.07	0.00238	-56.57	0.00	0.00231
-63.64	-7.07	0.00215	-70.71	-14.14	0.00196
-77.78	-21.21	0.00177	-84.85	-28.28	0.00158
-91.92	-35.36	0.00141	-98.99	-42.43	0.00126
49.50	91.92	0.00035	42.43	84.85	0.00039
35.36	77.78	0.00042	28.28	70.71	0.00046
21.21	63.64	0.00051	14.14	56.57	0.00055
7.07	49.50	0.00060	0.00	42.43	0.00063
-3.54	38.89	0.00065	-7.07	35.36	0.00066
-9.19	33.23	0.00067	-10.61	31.82	0.00068
-12.02	30.41	0.00069	-13.44	28.99	0.00071
-14.85	27.58	0.00073	-27.58	14.85	0.00111
-28.99	13.44	0.00119	-30.41	12.02	0.00128
-31.82	10.61	0.00137	-33.23	9.19	0.00145
-35.36	7.07	0.00156	-38.89	3.54	0.00170
-42.43	0.00	0.00177	-49.50	-7.07	0.00182

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00177	-63.64	-21.21	0.00167
-70.71	-28.28	0.00154	-77.78	-35.36	0.00140
-84.85	-42.43	0.00127	-91.92	-49.50	0.00115
56.57	84.85	0.00030	49.50	77.78	0.00033
42.43	70.71	0.00035	35.36	63.64	0.00038
28.28	56.57	0.00041	21.21	49.50	0.00043
14.14	42.43	0.00046	7.07	35.36	0.00048
3.54	31.82	0.00048	0.00	28.28	0.00050
-2.12	26.16	0.00052	-3.54	24.75	0.00053
-4.95	23.33	0.00055	-6.36	21.92	0.00057
-7.78	20.51	0.00059	-20.51	7.78	0.00078
-21.92	6.36	0.00082	-23.33	4.95	0.00086
-24.75	3.54	0.00090	-26.16	2.12	0.00095
-28.28	0.00	0.00104	-31.82	-3.54	0.00116
-35.36	-7.07	0.00127	-42.43	-14.14	0.00139
-49.50	-21.21	0.00141	-56.57	-28.28	0.00137
-63.64	-35.36	0.00131	-70.71	-42.43	0.00122
-77.78	-49.50	0.00113	-84.85	-56.57	0.00104

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

19:03:36  
 \*\*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	0.00026	56.57	70.71	0.00028
49.50	63.64	0.00029	42.43	56.57	0.00031
35.36	49.50	0.00033	28.28	42.43	0.00035
21.21	35.36	0.00036	14.14	28.28	0.00037
10.61	24.75	0.00039	7.07	21.21	0.00041
4.95	19.09	0.00043	3.54	17.68	0.00044
2.12	16.26	0.00046	0.71	14.85	0.00047
-0.71	13.44	0.00049	-13.44	0.71	0.00061
-14.85	-0.71	0.00062	-16.26	-2.12	0.00064
-17.68	-3.54	0.00066	-19.09	-4.95	0.00069
-21.21	-7.07	0.00073	-24.75	-10.61	0.00082
-28.28	-14.14	0.00090	-35.36	-21.21	0.00103
-42.43	-28.28	0.00110	-49.50	-35.36	0.00111
-56.57	-42.43	0.00109	-63.64	-49.50	0.00104
-70.71	-56.57	0.00098	-77.78	-63.64	0.00092
70.71	70.71	0.00022	63.64	63.64	0.00024



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00025	49.50	49.50	0.00026
42.43	42.43	0.00027	35.36	35.36	0.00028
28.28	28.28	0.00029	21.21	21.21	0.00031
17.68	17.68	0.00033	14.14	14.14	0.00035
12.02	12.02	0.00036	10.61	10.61	0.00037
9.19	9.19	0.00039	7.78	7.78	0.00040
6.36	6.36	0.00042	-6.36	-6.36	0.00049
-7.78	-7.78	0.00050	-9.19	-9.19	0.00051
-10.61	-10.61	0.00052	-12.02	-12.02	0.00053
-14.14	-14.14	0.00055	-17.68	-17.68	0.00060
-21.21	-21.21	0.00066	-28.28	-28.28	0.00077
-35.36	-35.36	0.00085	-42.43	-42.43	0.00089
-49.50	-49.50	0.00090	-56.57	-56.57	0.00088
-63.64	-63.64	0.00085	-70.71	-70.71	0.00081
77.78	63.64	0.00019	70.71	56.57	0.00020
63.64	49.50	0.00021	56.57	42.43	0.00022
49.50	35.36	0.00022	42.43	28.28	0.00023
35.36	21.21	0.00024	28.28	14.14	0.00027
24.75	10.61	0.00028	21.21	7.07	0.00030
19.09	4.95	0.00031	17.68	3.54	0.00032
16.26	2.12	0.00033	14.85	0.71	0.00034
13.44	-0.71	0.00036	0.71	-13.44	0.00041
-0.71	-14.85	0.00041	-2.12	-16.26	0.00041
-3.54	-17.68	0.00042	-4.95	-19.09	0.00042

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

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

19:03:36  
 \*\*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
-7.07	-21.21	0.00044	-10.61	-24.75	0.00047
-14.14	-28.28	0.00050	-21.21	-35.36	0.00059
-28.28	-42.43	0.00066	-35.36	-49.50	0.00071
-42.43	-56.57	0.00073	-49.50	-63.64	0.00074
-56.57	-70.71	0.00072	-63.64	-77.78	0.00070
84.85	56.57	0.00017	77.78	49.50	0.00017
70.71	42.43	0.00018	63.64	35.36	0.00018
56.57	28.28	0.00019	49.50	21.21	0.00020
42.43	14.14	0.00021	35.36	7.07	0.00023
31.82	3.54	0.00024	28.28	0.00	0.00026

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00027	24.75	-3.54	0.00028
23.33	-4.95	0.00029	21.92	-6.36	0.00030
20.51	-7.78	0.00031	7.78	-20.51	0.00034
6.36	-21.92	0.00034	4.95	-23.33	0.00035
3.54	-24.75	0.00035	2.12	-26.16	0.00035
0.00	-28.28	0.00036	-3.54	-31.82	0.00038
-7.07	-35.36	0.00040	-14.14	-42.43	0.00046
-21.21	-49.50	0.00052	-28.28	-56.57	0.00057
-35.36	-63.64	0.00060	-42.43	-70.71	0.00061
-49.50	-77.78	0.00062	-56.57	-84.85	0.00061
91.92	49.50	0.00015	84.85	42.43	0.00015
77.78	35.36	0.00015	70.71	28.28	0.00016
63.64	21.21	0.00016	56.57	14.14	0.00017
49.50	7.07	0.00018	42.43	0.00	0.00020
38.89	-3.54	0.00021	35.36	-7.07	0.00023
33.23	-9.19	0.00024	31.82	-10.61	0.00024
30.41	-12.02	0.00025	28.99	-13.44	0.00026
27.58	-14.85	0.00027	14.85	-27.58	0.00029
13.44	-28.99	0.00029	12.02	-30.41	0.00029
10.61	-31.82	0.00030	9.19	-33.23	0.00030
7.07	-35.36	0.00030	3.54	-38.89	0.00031
0.00	-42.43	0.00033	-7.07	-49.50	0.00037
-14.14	-56.57	0.00041	-21.21	-63.64	0.00046
-28.28	-70.71	0.00049	-35.36	-77.78	0.00051
-42.43	-84.85	0.00052	-49.50	-91.92	0.00052
98.99	42.43	0.00013	91.92	35.36	0.00013
84.85	28.28	0.00013	77.78	21.21	0.00014
70.71	14.14	0.00014	63.64	7.07	0.00015
56.57	0.00	0.00016	49.50	-7.07	0.00018
45.96	-10.61	0.00019	42.43	-14.14	0.00020

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
40.31	-16.26	0.00021	38.89	-17.68	0.00022
37.48	-19.09	0.00022	36.06	-20.51	0.00023
34.65	-21.92	0.00023	21.92	-34.65	0.00025
20.51	-36.06	0.00025	19.09	-37.48	0.00025

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00025	16.26	-40.31	0.00025
14.14	-42.43	0.00026	10.61	-45.96	0.00026
7.07	-49.50	0.00027	0.00	-56.57	0.00030
-7.07	-63.64	0.00034	-14.14	-70.71	0.00037
-21.21	-77.78	0.00040	-28.28	-84.85	0.00043
-35.36	-91.92	0.00044	-42.43	-98.99	0.00045
106.07	35.36	0.00011	98.99	28.28	0.00011
91.92	21.21	0.00012	84.85	14.14	0.00012
77.78	7.07	0.00013	70.71	0.00	0.00014
63.64	-7.07	0.00015	56.57	-14.14	0.00016
53.03	-17.68	0.00017	49.50	-21.21	0.00018
47.38	-23.33	0.00019	45.96	-24.75	0.00019
44.55	-26.16	0.00020	43.13	-27.58	0.00020
41.72	-28.99	0.00021	28.99	-41.72	0.00022
27.58	-43.13	0.00022	26.16	-44.55	0.00022
24.75	-45.96	0.00022	23.33	-47.38	0.00022
21.21	-49.50	0.00022	17.68	-53.03	0.00023
14.14	-56.57	0.00023	7.07	-63.64	0.00025
0.00	-70.71	0.00028	-7.07	-77.78	0.00031
-14.14	-84.85	0.00033	-21.21	-91.92	0.00036
-28.28	-98.99	0.00037	-35.36	-106.07	0.00038
113.14	28.28	0.00010	106.07	21.21	0.00010
98.99	14.14	0.00010	91.92	7.07	0.00011
84.85	0.00	0.00012	77.78	-7.07	0.00012
70.71	-14.14	0.00013	63.64	-21.21	0.00014
60.10	-24.75	0.00015	56.57	-28.28	0.00016
54.45	-30.41	0.00017	53.03	-31.82	0.00017
51.62	-33.23	0.00018	50.20	-34.65	0.00018
48.79	-36.06	0.00018	36.06	-48.79	0.00019
34.65	-50.20	0.00019	33.23	-51.62	0.00019
31.82	-53.03	0.00019	30.41	-54.45	0.00019
28.28	-56.57	0.00019	24.75	-60.10	0.00020
21.21	-63.64	0.00020	14.14	-70.71	0.00021
7.07	-77.78	0.00023	0.00	-84.85	0.00026
-7.07	-91.92	0.00028	-14.14	-98.99	0.00030
-21.21	-106.07	0.00032	-28.28	-113.14	0.00033

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 \*\*\*

20NCRA\_NAPA01-300\_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	0.00009
106.07	7.07	0.00009	98.99	0.00	0.00010
91.92	-7.07	0.00010	84.85	-14.14	0.00011
77.78	-21.21	0.00012	70.71	-28.28	0.00013
67.18	-31.82	0.00014	63.64	-35.36	0.00014
61.52	-37.48	0.00015	60.10	-38.89	0.00015
58.69	-40.31	0.00016	57.28	-41.72	0.00016
55.86	-43.13	0.00016	43.13	-55.86	0.00017
41.72	-57.28	0.00017	40.31	-58.69	0.00017
38.89	-60.10	0.00017	37.48	-61.52	0.00017
35.36	-63.64	0.00017	31.82	-67.18	0.00017
28.28	-70.71	0.00018	21.21	-77.78	0.00019
14.14	-84.85	0.00020	7.07	-91.92	0.00022
0.00	-98.99	0.00024	-7.07	-106.07	0.00026
-14.14	-113.14	0.00027	-21.21	-120.21	0.00029
127.28	14.14	0.00008	120.21	7.07	0.00008
113.14	0.00	0.00009	106.07	-7.07	0.00009
98.99	-14.14	0.00010	91.92	-21.21	0.00010
84.85	-28.28	0.00011	77.78	-35.36	0.00012
74.25	-38.89	0.00012	70.71	-42.43	0.00013
68.59	-44.55	0.00014	67.18	-45.96	0.00014
65.76	-47.38	0.00014	64.35	-48.79	0.00014
62.93	-50.20	0.00015	50.20	-62.93	0.00015
48.79	-64.35	0.00015	47.38	-65.76	0.00015
45.96	-67.18	0.00015	44.55	-68.59	0.00015
42.43	-70.71	0.00015	38.89	-74.25	0.00015
35.36	-77.78	0.00016	28.28	-84.85	0.00016
21.21	-91.92	0.00017	14.14	-98.99	0.00019
7.07	-106.07	0.00020	0.00	-113.14	0.00022
-7.07	-120.21	0.00024	-14.14	-127.28	0.00025
134.35	7.07	0.00007	127.28	0.00	0.00007
120.21	-7.07	0.00008	113.14	-14.14	0.00008
106.07	-21.21	0.00009	98.99	-28.28	0.00009
91.92	-35.36	0.00010	84.85	-42.43	0.00011
81.32	-45.96	0.00011	77.78	-49.50	0.00012
75.66	-51.62	0.00012	74.25	-53.03	0.00013
72.83	-54.45	0.00013	71.42	-55.86	0.00013
70.00	-57.28	0.00013	57.28	-70.00	0.00014
55.86	-71.42	0.00014	54.45	-72.83	0.00014
53.03	-74.25	0.00014	51.62	-75.66	0.00014

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
49.50	-77.78	0.00014	45.96	-81.32	0.00014
42.43	-84.85	0.00014	35.36	-91.92	0.00014
28.28	-98.99	0.00015	21.21	-106.07	0.00016
14.14	-113.14	0.00018	7.07	-120.21	0.00019
0.00	-127.28	0.00020	-7.07	-134.35	0.00022
141.42	0.00	0.00007	134.35	-7.07	0.00007
127.28	-14.14	0.00007	120.21	-21.21	0.00008
113.14	-28.28	0.00008	106.07	-35.36	0.00008
98.99	-42.43	0.00009	91.92	-49.50	0.00010
88.39	-53.03	0.00010	84.85	-56.57	0.00011
82.73	-58.69	0.00011	81.32	-60.10	0.00011
79.90	-61.52	0.00012	78.49	-62.93	0.00012
77.07	-64.35	0.00012	64.35	-77.07	0.00012
62.93	-78.49	0.00012	61.52	-79.90	0.00012
60.10	-81.32	0.00012	58.69	-82.73	0.00012
56.57	-84.85	0.00012	53.03	-88.39	0.00012
49.50	-91.92	0.00013	42.43	-98.99	0.00013
35.36	-106.07	0.00014	28.28	-113.14	0.00014
21.21	-120.21	0.00015	14.14	-127.28	0.00017
7.07	-134.35	0.00018	0.00	-141.42	0.00019
148.49	-7.07	0.00006	141.42	-14.14	0.00006
134.35	-21.21	0.00007	127.28	-28.28	0.00007
120.21	-35.36	0.00007	113.14	-42.43	0.00008
106.07	-49.50	0.00008	98.99	-56.57	0.00009
95.46	-60.10	0.00010	91.92	-63.64	0.00010
89.80	-65.76	0.00010	88.39	-67.18	0.00010
86.97	-68.59	0.00011	85.56	-70.00	0.00011
84.15	-71.42	0.00011	71.42	-84.15	0.00011
70.00	-85.56	0.00011	68.59	-86.97	0.00011
67.18	-88.39	0.00011	65.76	-89.80	0.00011
63.64	-91.92	0.00011	60.10	-95.46	0.00011
56.57	-98.99	0.00011	49.50	-106.07	0.00012
42.43	-113.14	0.00012	35.36	-120.21	0.00013
28.28	-127.28	0.00014	21.21	-134.35	0.00015
14.14	-141.42	0.00016	7.07	-148.49	0.00017
155.56	-14.14	0.00006	148.49	-21.21	0.00006

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00006	134.35	-35.36	0.00007
127.28	-42.43	0.00007	120.21	-49.50	0.00007
113.14	-56.57	0.00008	106.07	-63.64	0.00008
102.53	-67.18	0.00009	98.99	-70.71	0.00009

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

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00008	109.60	-88.39	0.00008
108.19	-89.80	0.00008	106.77	-91.22	0.00008
105.36	-92.63	0.00008	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00009	86.97	-111.02	0.00009
84.85	-113.14	0.00009	81.32	-116.67	0.00009
77.78	-120.21	0.00009	70.71	-127.28	0.00009
63.64	-134.35	0.00009	56.57	-141.42	0.00009
49.50	-148.49	0.00010	42.43	-155.56	0.00010
35.36	-162.63	0.00011	28.28	-169.71	0.00012

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	0.00005	155.56	-56.57	0.00005
148.49	-63.64	0.00006	141.42	-70.71	0.00006
134.35	-77.78	0.00006	127.28	-84.85	0.00007
123.74	-88.39	0.00007	120.21	-91.92	0.00007
118.09	-94.05	0.00008	116.67	-95.46	0.00008
115.26	-96.87	0.00008	113.84	-98.29	0.00008
112.43	-99.70	0.00008	99.70	-112.43	0.00008
98.29	-113.84	0.00008	96.87	-115.26	0.00008
95.46	-116.67	0.00008	94.05	-118.09	0.00008
91.92	-120.21	0.00008	88.39	-123.74	0.00008
84.85	-127.28	0.00008	77.78	-134.35	0.00008
70.71	-141.42	0.00008	63.64	-148.49	0.00009
56.57	-155.56	0.00009	49.50	-162.63	0.00009
42.43	-169.71	0.00010	35.36	-176.78	0.00010
183.85	-42.43	0.00004	176.78	-49.50	0.00005
169.71	-56.57	0.00005	162.63	-63.64	0.00005
155.56	-70.71	0.00005	148.49	-77.78	0.00005
141.42	-84.85	0.00006	134.35	-91.92	0.00006
130.81	-95.46	0.00007	127.28	-98.99	0.00007
125.16	-101.12	0.00007	123.74	-102.53	0.00007
122.33	-103.94	0.00007	120.92	-105.36	0.00007
119.50	-106.77	0.00007	106.77	-119.50	0.00007
105.36	-120.92	0.00007	103.94	-122.33	0.00007

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00007	101.12	-125.16	0.00007
98.99	-127.28	0.00007	95.46	-130.81	0.00007
91.92	-134.35	0.00007	84.85	-141.42	0.00007
77.78	-148.49	0.00008	70.71	-155.56	0.00008
63.64	-162.63	0.00008	56.57	-169.71	0.00008
49.50	-176.78	0.00009	42.43	-183.85	0.00009
190.92	-49.50	0.00004	183.85	-56.57	0.00004
176.78	-63.64	0.00004	169.71	-70.71	0.00005
162.63	-77.78	0.00005	155.56	-84.85	0.00005
148.49	-91.92	0.00006	141.42	-98.99	0.00006
137.89	-102.53	0.00006	134.35	-106.07	0.00006
132.23	-108.19	0.00007	130.81	-109.60	0.00007
129.40	-111.02	0.00007	127.99	-112.43	0.00007
126.57	-113.84	0.00007	113.84	-126.57	0.00007
112.43	-127.99	0.00007	111.02	-129.40	0.00007
109.60	-130.81	0.00007	108.19	-132.23	0.00007

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	0.00007	102.53	-137.89	0.00007
98.99	-141.42	0.00007	91.92	-148.49	0.00007
84.85	-155.56	0.00007	77.78	-162.63	0.00007
70.71	-169.71	0.00007	63.64	-176.78	0.00008
56.57	-183.85	0.00008	49.50	-190.92	0.00009
197.99	-56.57	0.00004	190.92	-63.64	0.00004
183.85	-70.71	0.00004	176.78	-77.78	0.00004
169.71	-84.85	0.00005	162.63	-91.92	0.00005
155.56	-98.99	0.00005	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00006
139.30	-115.26	0.00006	137.89	-116.67	0.00006
136.47	-118.09	0.00006	135.06	-119.50	0.00006
133.64	-120.92	0.00006	120.92	-133.64	0.00006
119.50	-135.06	0.00006	118.09	-136.47	0.00006
116.67	-137.89	0.00006	115.26	-139.30	0.00006
113.14	-141.42	0.00006	109.60	-144.96	0.00006
106.07	-148.49	0.00006	98.99	-155.56	0.00006
91.92	-162.63	0.00007	84.85	-169.71	0.00007



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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	0.00005	152.03	-130.81	0.00005
150.61	-132.23	0.00005	149.20	-133.64	0.00006
147.79	-135.06	0.00006	135.06	-147.79	0.00006
133.64	-149.20	0.00006	132.23	-150.61	0.00006
130.81	-152.03	0.00006	129.40	-153.44	0.00006
127.28	-155.56	0.00006	123.74	-159.10	0.00006
120.21	-162.63	0.00006	113.14	-169.71	0.00006
106.07	-176.78	0.00006	98.99	-183.85	0.00006
91.92	-190.92	0.00006	84.85	-197.99	0.00006
77.78	-205.06	0.00006	70.71	-212.13	0.00007
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00004	197.99	-98.99	0.00004

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00004	183.85	-113.14	0.00004
176.78	-120.21	0.00004	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00005	159.10	-137.89	0.00005
157.68	-139.30	0.00005	156.27	-140.71	0.00005
154.86	-142.13	0.00005	142.13	-154.86	0.00005
140.71	-156.27	0.00005	139.30	-157.68	0.00005
137.89	-159.10	0.00005	136.47	-160.51	0.00005
134.35	-162.63	0.00005	130.81	-166.17	0.00005
127.28	-169.71	0.00005	120.21	-176.78	0.00005
113.14	-183.85	0.00005	106.07	-190.92	0.00005
98.99	-197.99	0.00006	91.92	-205.06	0.00006
84.85	-212.13	0.00006	77.78	-219.20	0.00006
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00004
183.85	-127.28	0.00004	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00005	166.17	-144.96	0.00005
164.76	-146.37	0.00005	163.34	-147.79	0.00005
161.93	-149.20	0.00005	149.20	-161.93	0.00005
147.79	-163.34	0.00005	146.37	-164.76	0.00005
144.96	-166.17	0.00005	143.54	-167.58	0.00005
141.42	-169.71	0.00005	137.89	-173.24	0.00005
134.35	-176.78	0.00005	127.28	-183.85	0.00005
120.21	-190.92	0.00005	113.14	-197.99	0.00005
106.07	-205.06	0.00005	98.99	-212.13	0.00005
91.92	-219.20	0.00005	84.85	-226.27	0.00006

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

20NCRA\_NAPA01-300\_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	0.00005
154.86	-170.41	0.00005	153.44	-171.83	0.00005
152.03	-173.24	0.00005	150.61	-174.66	0.00005
148.49	-176.78	0.00005	144.96	-180.31	0.00005
141.42	-183.85	0.00005	134.35	-190.92	0.00005
127.28	-197.99	0.00005	120.21	-205.06	0.00005
113.14	-212.13	0.00005	106.07	-219.20	0.00005
98.99	-226.27	0.00005	91.92	-233.35	0.00005
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00003	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
187.38	-152.03	0.00004	183.85	-155.56	0.00004
181.73	-157.68	0.00004	180.31	-159.10	0.00004
178.90	-160.51	0.00004	177.48	-161.93	0.00004
176.07	-163.34	0.00004	163.34	-176.07	0.00004
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	0.00005	113.14	-226.27	0.00005
106.07	-233.35	0.00005	98.99	-240.42	0.00005
247.49	-106.07	0.00003	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00003
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
188.80	-164.76	0.00004	187.38	-166.17	0.00004
185.97	-167.58	0.00004	184.55	-169.00	0.00004
183.14	-170.41	0.00004	170.41	-183.14	0.00004
169.00	-184.55	0.00004	167.58	-185.97	0.00004
166.17	-187.38	0.00004	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 \*\*\*

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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
-------------	-------------	------	-------------	-------------	------

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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
-106.07	247.49	0.00140	-113.14	240.42	0.00164
-120.21	233.35	0.00193	-127.28	226.27	0.00226
-134.35	219.20	0.00260	-141.42	212.13	0.00294
-148.49	205.06	0.00321	-155.56	197.99	0.00325
-159.10	194.45	0.00308	-162.63	190.92	0.00271
-164.76	188.80	0.00239	-166.17	187.38	0.00216
-167.58	185.97	0.00193	-169.00	184.55	0.00171
-170.41	183.14	0.00151	-183.14	170.41	0.00096
-184.55	169.00	0.00095	-185.97	167.58	0.00094
-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	0.00095	-205.06	148.49	0.00098
-212.13	141.42	0.00099	-219.20	134.35	0.00099
-226.27	127.28	0.00097	-233.35	120.21	0.00094
-240.42	113.14	0.00089	-247.49	106.07	0.00084
-98.99	240.42	0.00138	-106.07	233.35	0.00165
-113.14	226.27	0.00197	-120.21	219.20	0.00235
-127.28	212.13	0.00279	-134.35	205.06	0.00327
-141.42	197.99	0.00376	-148.49	190.92	0.00414
-152.03	187.38	0.00422	-155.56	183.85	0.00410
-157.68	181.73	0.00388	-159.10	180.31	0.00364
-160.51	178.90	0.00332	-161.93	177.48	0.00294
-163.34	176.07	0.00254	-176.07	163.34	0.00119
-177.48	161.93	0.00118	-178.90	160.51	0.00118
-180.31	159.10	0.00119	-181.73	157.68	0.00120
-183.85	155.56	0.00122	-187.38	152.03	0.00126
-190.92	148.49	0.00129	-197.99	141.42	0.00134
-205.06	134.35	0.00133	-212.13	127.28	0.00129
-219.20	120.21	0.00123	-226.27	113.14	0.00115

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00107	-240.42	98.99	0.00099
-91.92	233.35	0.00135	-99.00	226.27	0.00162
-106.07	219.20	0.00196	-113.14	212.13	0.00238
-120.21	205.06	0.00289	-127.28	197.99	0.00349
-134.35	190.92	0.00415	-141.42	183.85	0.00482
-144.96	180.31	0.00514	-148.49	176.78	0.00538
-150.61	174.66	0.00544	-152.03	173.24	0.00541
-153.44	171.83	0.00534	-154.86	170.41	0.00516
-156.27	169.00	0.00481	-169.00	156.27	0.00167
-170.41	154.86	0.00171	-171.83	153.44	0.00174
-173.24	152.03	0.00177	-174.66	150.61	0.00179

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00183	-180.31	144.96	0.00186
-183.85	141.42	0.00187	-190.92	134.35	0.00184
-197.99	127.28	0.00175	-205.06	120.21	0.00163
-212.13	113.14	0.00150	-219.20	106.07	0.00137
-226.27	98.99	0.00124	-233.35	91.92	0.00113
-84.85	226.27	0.00129	-91.92	219.20	0.00156
-99.00	212.13	0.00190	-106.07	205.06	0.00234
-113.14	197.99	0.00290	-120.21	190.92	0.00358
-127.28	183.85	0.00436	-134.35	176.78	0.00521
-137.89	173.24	0.00565	-141.42	169.71	0.00604
-143.54	167.58	0.00621	-144.96	166.17	0.00628
-146.37	164.76	0.00631	-147.79	163.34	0.00636
-149.20	161.93	0.00632	-161.93	149.20	0.00311
-163.34	147.79	0.00296	-164.76	146.37	0.00285
-166.17	144.96	0.00278	-167.58	143.54	0.00272
-169.71	141.42	0.00266	-173.24	137.89	0.00258
-176.78	134.35	0.00250	-183.85	127.28	0.00234
-190.92	120.21	0.00214	-197.99	113.14	0.00194
-205.06	106.07	0.00174	-212.13	98.99	0.00156
-219.20	91.92	0.00140	-226.27	84.85	0.00126
-77.78	219.20	0.00122	-84.85	212.13	0.00147
-91.92	205.06	0.00180	-99.00	197.99	0.00223
-106.07	190.92	0.00280	-113.14	183.85	0.00352

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00438	-127.28	169.71	0.00534
-130.81	166.17	0.00582	-134.35	162.63	0.00626
-136.47	160.51	0.00645	-137.89	159.10	0.00653
-139.30	157.68	0.00656	-140.71	156.27	0.00657
-142.13	154.86	0.00653	-154.86	142.13	0.00389
-156.27	140.71	0.00377	-157.68	139.30	0.00367
-159.10	137.89	0.00358	-160.51	136.47	0.00350
-162.63	134.35	0.00339	-166.17	130.81	0.00323
-169.71	127.28	0.00309	-176.78	120.21	0.00280
-183.85	113.14	0.00251	-190.92	106.07	0.00223
-197.99	98.99	0.00197	-205.06	91.92	0.00175
-212.13	84.85	0.00155	-219.20	77.78	0.00137
-70.71	212.13	0.00112	-77.78	205.06	0.00135
-84.85	197.99	0.00165	-91.92	190.92	0.00205
-98.99	183.85	0.00260	-106.07	176.78	0.00332
-113.14	169.71	0.00424	-120.21	162.63	0.00530
-123.74	159.10	0.00581	-127.28	155.56	0.00628

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

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

19:03:36

\*\*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	0.00649	-130.81	152.03	0.00658
-132.23	150.61	0.00661	-133.64	149.20	0.00660
-135.06	147.79	0.00657	-147.79	135.06	0.00416
-149.20	133.64	0.00409	-150.61	132.23	0.00404
-152.03	130.81	0.00399	-153.44	129.40	0.00394
-155.56	127.28	0.00386	-159.10	123.74	0.00371
-162.63	120.21	0.00355	-169.71	113.14	0.00320
-176.78	106.07	0.00284	-183.85	98.99	0.00249
-190.92	91.92	0.00218	-197.99	84.85	0.00190
-205.06	77.78	0.00167	-212.13	70.71	0.00147
-63.64	205.06	0.00101	-70.71	197.99	0.00121
-77.78	190.92	0.00148	-84.85	183.85	0.00184
-91.92	176.78	0.00233	-98.99	169.71	0.00301
-106.07	162.63	0.00394	-113.14	155.56	0.00508
-116.67	152.03	0.00565	-120.21	148.49	0.00615
-122.33	146.37	0.00639	-123.74	144.96	0.00651
-125.16	143.54	0.00657	-126.57	142.13	0.00657

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00654	-140.71	127.99	0.00425
-142.13	126.57	0.00420	-143.54	125.16	0.00418
-144.96	123.74	0.00415	-146.37	122.33	0.00413
-148.49	120.21	0.00409	-152.03	116.67	0.00399
-155.56	113.14	0.00385	-162.63	106.07	0.00349
-169.71	98.99	0.00308	-176.78	91.92	0.00269
-183.85	84.85	0.00233	-190.92	77.78	0.00203
-197.99	70.71	0.00176	-205.06	63.64	0.00154
-56.57	197.99	0.00089	-63.64	190.92	0.00107
-70.71	183.85	0.00130	-77.78	176.78	0.00160
-84.85	169.71	0.00203	-91.92	162.63	0.00262
-98.99	155.56	0.00348	-106.07	148.49	0.00464
-109.60	144.96	0.00529	-113.14	141.42	0.00589
-115.26	139.30	0.00617	-116.67	137.89	0.00632
-118.09	136.47	0.00641	-119.50	135.06	0.00644
-120.92	133.64	0.00643	-133.64	120.92	0.00426
-135.06	119.50	0.00422	-136.47	118.09	0.00420
-137.89	116.67	0.00419	-139.30	115.26	0.00418
-141.42	113.14	0.00417	-144.96	109.60	0.00410
-148.49	106.07	0.00399	-155.56	98.99	0.00364
-162.63	91.92	0.00322	-169.71	84.85	0.00281
-176.78	77.78	0.00243	-183.85	70.71	0.00210
-190.92	63.64	0.00182	-197.99	56.57	0.00158

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

19:03:36  
 \*\*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	0.00078	-56.57	183.85	0.00093
-63.64	176.78	0.00111	-70.71	169.71	0.00136
-77.78	162.63	0.00170	-84.85	155.56	0.00218
-91.92	148.49	0.00288	-98.99	141.42	0.00395
-102.53	137.89	0.00464	-106.07	134.35	0.00536
-108.19	132.23	0.00574	-109.60	130.81	0.00595
-111.02	129.40	0.00610	-112.43	127.99	0.00618
-113.84	126.57	0.00620	-126.57	113.84	0.00420
-127.99	112.43	0.00417	-129.40	111.02	0.00416
-130.81	109.60	0.00415	-132.23	108.19	0.00415
-134.35	106.07	0.00414	-137.89	102.53	0.00410

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00400	-148.49	91.92	0.00367
-155.56	84.85	0.00325	-162.63	77.78	0.00283
-169.71	70.71	0.00244	-176.78	63.64	0.00210
-183.85	56.57	0.00181	-190.92	49.50	0.00157
-42.43	183.85	0.00068	-49.50	176.78	0.00079
-56.57	169.71	0.00094	-63.64	162.63	0.00113
-70.71	155.56	0.00138	-77.78	148.49	0.00173
-84.85	141.42	0.00224	-91.92	134.35	0.00305
-95.46	130.81	0.00365	-98.99	127.28	0.00440
-101.12	125.16	0.00488	-102.53	123.74	0.00518
-103.94	122.33	0.00544	-105.36	120.92	0.00564
-106.77	119.50	0.00577	-119.50	106.77	0.00408
-120.92	105.36	0.00405	-122.33	103.94	0.00404
-123.74	102.53	0.00404	-125.16	101.12	0.00404
-127.28	98.99	0.00403	-130.81	95.46	0.00398
-134.35	91.92	0.00388	-141.42	84.85	0.00356
-148.49	77.78	0.00315	-155.56	70.71	0.00274
-162.63	63.64	0.00236	-169.71	56.57	0.00203
-176.78	49.50	0.00176	-183.85	42.43	0.00152
-35.36	176.78	0.00058	-42.43	169.71	0.00067
-49.50	162.63	0.00078	-56.57	155.56	0.00092
-63.64	148.49	0.00109	-70.71	141.42	0.00132
-77.78	134.35	0.00164	-84.85	127.28	0.00213
-88.39	123.74	0.00249	-91.92	120.21	0.00300
-94.05	118.09	0.00340	-95.46	116.67	0.00371
-96.87	115.26	0.00405	-98.29	113.84	0.00441
-99.70	112.43	0.00474	-112.43	99.70	0.00388
-113.84	98.29	0.00384	-115.26	96.87	0.00382
-116.67	95.46	0.00381	-118.09	94.05	0.00380

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00377	-123.74	88.39	0.00370
-127.28	84.85	0.00358	-134.35	77.78	0.00327
-141.42	70.71	0.00290	-148.49	63.64	0.00253
-155.56	56.57	0.00220	-162.63	49.50	0.00191
-169.71	42.43	0.00166	-176.78	35.36	0.00145



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00049	-35.36	162.63	0.00056
-42.43	155.56	0.00064	-49.50	148.49	0.00074
-56.57	141.42	0.00085	-63.64	134.35	0.00099
-70.71	127.28	0.00116	-77.78	120.21	0.00138
-81.32	116.67	0.00153	-84.85	113.14	0.00170
-86.97	111.02	0.00182	-88.39	109.60	0.00192
-89.80	108.19	0.00205	-91.22	106.77	0.00221
-92.63	105.36	0.00246	-105.36	92.63	0.00340
-106.77	91.22	0.00332	-108.19	89.80	0.00327
-109.60	88.39	0.00324	-111.02	86.97	0.00321
-113.14	84.85	0.00317	-116.67	81.32	0.00310
-120.21	77.78	0.00302	-127.28	70.71	0.00280
-134.35	63.64	0.00253	-141.42	56.57	0.00225
-148.49	49.50	0.00199	-155.56	42.43	0.00175
-162.63	35.36	0.00154	-169.71	28.28	0.00136
-21.21	162.63	0.00042	-28.28	155.56	0.00046
-35.36	148.49	0.00052	-42.43	141.42	0.00058
-49.50	134.35	0.00065	-56.57	127.28	0.00073
-63.64	120.21	0.00081	-70.71	113.14	0.00090
-74.25	109.60	0.00094	-77.78	106.07	0.00097
-79.90	103.94	0.00098	-81.32	102.53	0.00099
-82.73	101.12	0.00100	-84.15	99.70	0.00101
-85.56	98.29	0.00102	-98.29	85.56	0.00194
-99.70	84.15	0.00205	-101.12	82.73	0.00214
-102.53	81.32	0.00221	-103.94	79.90	0.00227
-106.07	77.78	0.00233	-109.60	74.25	0.00238
-113.14	70.71	0.00238	-120.21	63.64	0.00231
-127.28	56.57	0.00215	-134.35	49.50	0.00196
-141.42	42.43	0.00177	-148.49	35.36	0.00158
-155.56	28.28	0.00141	-162.63	21.21	0.00126
-14.14	155.56	0.00035	-21.21	148.49	0.00039
-28.28	141.42	0.00042	-35.36	134.35	0.00046
-42.43	127.28	0.00051	-49.50	120.21	0.00055
-56.57	113.14	0.00060	-63.64	106.07	0.00063
-67.18	102.53	0.00065	-70.71	98.99	0.00066

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 19:03:36  
 \*\*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      \*\*

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00067	-74.25	95.46	0.00068
-75.66	94.05	0.00069	-77.07	92.63	0.00071
-78.49	91.22	0.00073	-91.22	78.49	0.00111
-92.63	77.07	0.00119	-94.05	75.66	0.00128
-95.46	74.25	0.00137	-96.87	72.83	0.00145
-98.99	70.71	0.00156	-102.53	67.18	0.00170
-106.07	63.64	0.00177	-113.14	56.57	0.00182
-120.21	49.50	0.00177	-127.28	42.43	0.00167
-134.35	35.36	0.00154	-141.42	28.28	0.00140
-148.49	21.21	0.00127	-155.56	14.14	0.00115
-7.07	148.49	0.00030	-14.14	141.42	0.00033
-21.21	134.35	0.00035	-28.28	127.28	0.00038
-35.36	120.21	0.00041	-42.43	113.14	0.00043
-49.50	106.07	0.00046	-56.57	98.99	0.00047
-60.10	95.46	0.00048	-63.64	91.92	0.00050
-65.76	89.80	0.00052	-67.18	88.39	0.00053
-68.59	86.97	0.00055	-70.00	85.56	0.00057
-71.42	84.15	0.00059	-84.15	71.42	0.00078
-85.56	70.00	0.00082	-86.97	68.59	0.00086
-88.39	67.18	0.00090	-89.80	65.76	0.00095
-91.92	63.64	0.00104	-95.46	60.10	0.00116
-98.99	56.57	0.00127	-106.07	49.50	0.00139
-113.14	42.43	0.00141	-120.21	35.36	0.00137
-127.28	28.28	0.00131	-134.35	21.21	0.00122
-141.42	14.14	0.00113	-148.49	7.07	0.00104
0.00	141.42	0.00026	-7.07	134.35	0.00028
-14.14	127.28	0.00029	-21.21	120.21	0.00031
-28.28	113.14	0.00033	-35.36	106.07	0.00035
-42.43	98.99	0.00036	-49.50	91.92	0.00037
-53.03	88.39	0.00039	-56.57	84.85	0.00041
-58.69	82.73	0.00043	-60.10	81.32	0.00044
-61.52	79.90	0.00046	-62.93	78.49	0.00047
-64.35	77.07	0.00049	-77.07	64.35	0.00061
-78.49	62.93	0.00062	-79.90	61.52	0.00064
-81.32	60.10	0.00066	-82.73	58.69	0.00069
-84.85	56.57	0.00073	-88.39	53.03	0.00082
-91.92	49.50	0.00090	-98.99	42.43	0.00103
-106.07	35.36	0.00110	-113.14	28.28	0.00111
-120.21	21.21	0.00109	-127.28	14.14	0.00104
-134.35	7.07	0.00098	-141.42	0.00	0.00092

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36

\*\*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	0.00022	0.00	127.28	0.00024
-7.07	120.21	0.00025	-14.14	113.14	0.00026
-21.21	106.07	0.00027	-28.28	98.99	0.00028
-35.36	91.92	0.00029	-42.43	84.85	0.00031
-45.96	81.32	0.00033	-49.50	77.78	0.00035
-51.62	75.66	0.00036	-53.03	74.25	0.00037
-54.45	72.83	0.00039	-55.86	71.42	0.00040
-57.28	70.00	0.00042	-70.00	57.28	0.00049
-71.42	55.86	0.00050	-72.83	54.45	0.00051
-74.25	53.03	0.00052	-75.66	51.62	0.00053
-77.78	49.50	0.00055	-81.32	45.96	0.00060
-84.85	42.43	0.00066	-91.92	35.36	0.00077
-98.99	28.28	0.00085	-106.07	21.21	0.00089
-113.14	14.14	0.00090	-120.21	7.07	0.00088
-127.28	0.00	0.00085	-134.35	-7.07	0.00081
14.14	127.28	0.00019	7.07	120.21	0.00020
0.00	113.14	0.00021	-7.07	106.07	0.00022
-14.14	98.99	0.00022	-21.21	91.92	0.00023
-28.28	84.85	0.00024	-35.36	77.78	0.00027
-38.89	74.25	0.00028	-42.43	70.71	0.00030
-44.55	68.59	0.00031	-45.96	67.18	0.00032
-47.38	65.76	0.00033	-48.79	64.35	0.00034
-50.20	62.93	0.00036	-62.93	50.20	0.00041
-64.35	48.79	0.00041	-65.76	47.38	0.00041
-67.18	45.96	0.00042	-68.59	44.55	0.00042
-70.71	42.43	0.00044	-74.25	38.89	0.00047
-77.78	35.36	0.00050	-84.85	28.28	0.00059
-91.92	21.21	0.00066	-98.99	14.14	0.00071
-106.07	7.07	0.00073	-113.14	0.00	0.00074
-120.21	-7.07	0.00072	-127.28	-14.14	0.00070
21.21	120.21	0.00017	14.14	113.14	0.00017
7.07	106.07	0.00018	0.00	98.99	0.00018
-7.07	91.92	0.00019	-14.14	84.85	0.00020
-21.21	77.78	0.00021	-28.28	70.71	0.00023
-31.82	67.18	0.00024	-35.36	63.64	0.00026
-37.48	61.52	0.00027	-38.89	60.10	0.00028
-40.31	58.69	0.00029	-41.72	57.28	0.00030

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00031	-55.86	43.13	0.00034
-57.28	41.72	0.00034	-58.69	40.31	0.00035
-60.10	38.89	0.00035	-61.52	37.48	0.00035

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

19:03:36  
 \*\*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	0.00036	-67.18	31.82	0.00038
-70.71	28.28	0.00040	-77.78	21.21	0.00046
-84.85	14.14	0.00052	-91.92	7.07	0.00057
-98.99	0.00	0.00060	-106.07	-7.07	0.00061
-113.14	-14.14	0.00062	-120.21	-21.21	0.00061
28.28	113.14	0.00015	21.21	106.07	0.00015
14.14	98.99	0.00015	7.07	91.92	0.00016
0.00	84.85	0.00016	-7.07	77.78	0.00017
-14.14	70.71	0.00018	-21.21	63.64	0.00020
-24.75	60.10	0.00021	-28.28	56.57	0.00023
-30.41	54.45	0.00024	-31.82	53.03	0.00024
-33.23	51.62	0.00025	-34.65	50.20	0.00026
-36.06	48.79	0.00027	-48.79	36.06	0.00029
-50.20	34.65	0.00029	-51.62	33.23	0.00029
-53.03	31.82	0.00030	-54.45	30.41	0.00030
-56.57	28.28	0.00030	-60.10	24.75	0.00031
-63.64	21.21	0.00033	-70.71	14.14	0.00037
-77.78	7.07	0.00041	-84.85	0.00	0.00046
-91.92	-7.07	0.00049	-98.99	-14.14	0.00051
-106.07	-21.21	0.00052	-113.14	-28.28	0.00052
35.36	106.07	0.00013	28.28	98.99	0.00013
21.21	91.92	0.00013	14.14	84.85	0.00014
7.07	77.78	0.00014	0.00	70.71	0.00015
-7.07	63.64	0.00016	-14.14	56.57	0.00018
-17.68	53.03	0.00019	-21.21	49.50	0.00020
-23.33	47.38	0.00021	-24.75	45.96	0.00022
-26.16	44.55	0.00022	-27.58	43.13	0.00023
-28.99	41.72	0.00023	-41.72	28.99	0.00025
-43.13	27.58	0.00025	-44.55	26.16	0.00025
-45.96	24.75	0.00025	-47.38	23.33	0.00025
-49.50	21.21	0.00026	-53.03	17.68	0.00026

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00027	-63.64	7.07	0.00030
-70.71	0.00	0.00034	-77.78	-7.07	0.00037
-84.85	-14.14	0.00040	-91.92	-21.21	0.00043
-98.99	-28.28	0.00044	-106.07	-35.36	0.00045
42.43	98.99	0.00011	35.36	91.92	0.00011
28.28	84.85	0.00012	21.21	77.78	0.00012
14.14	70.71	0.00013	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00018

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

19:03:36  
 \*\*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	0.00019	-17.68	38.89	0.00019
-19.09	37.48	0.00020	-20.51	36.06	0.00020
-21.92	34.65	0.00021	-34.65	21.92	0.00022
-36.06	20.51	0.00022	-37.48	19.09	0.00022
-38.89	17.68	0.00022	-40.31	16.26	0.00022
-42.43	14.14	0.00022	-45.96	10.61	0.00023
-49.50	7.07	0.00023	-56.57	0.00	0.00025
-63.64	-7.07	0.00028	-70.71	-14.14	0.00031
-77.78	-21.21	0.00033	-84.85	-28.28	0.00036
-91.92	-35.36	0.00037	-98.99	-42.43	0.00038
49.50	91.92	0.00010	42.43	84.85	0.00010
35.36	77.78	0.00010	28.28	70.71	0.00011
21.21	63.64	0.00012	14.14	56.57	0.00012
7.07	49.50	0.00013	0.00	42.43	0.00014
-3.54	38.89	0.00015	-7.07	35.36	0.00016
-9.19	33.23	0.00017	-10.61	31.82	0.00017
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-27.58	14.85	0.00019
-28.99	13.44	0.00019	-30.41	12.02	0.00019
-31.82	10.61	0.00019	-33.23	9.19	0.00019
-35.36	7.07	0.00019	-38.89	3.54	0.00020
-42.43	0.00	0.00020	-49.50	-7.07	0.00021
-56.57	-14.14	0.00023	-63.64	-21.21	0.00026
-70.71	-28.28	0.00028	-77.78	-35.36	0.00030
-84.85	-42.43	0.00032	-91.92	-49.50	0.00033

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00009	49.50	77.78	0.00009
42.43	70.71	0.00009	35.36	63.64	0.00010
28.28	56.57	0.00010	21.21	49.50	0.00011
14.14	42.43	0.00012	7.07	35.36	0.00013
3.54	31.82	0.00014	0.00	28.28	0.00014
-2.12	26.16	0.00015	-3.54	24.75	0.00015
-4.95	23.33	0.00016	-6.36	21.92	0.00016
-7.78	20.51	0.00016	-20.51	7.78	0.00017
-21.92	6.36	0.00017	-23.33	4.95	0.00017
-24.75	3.54	0.00017	-26.16	2.12	0.00017
-28.28	0.00	0.00017	-31.82	-3.54	0.00017
-35.36	-7.07	0.00018	-42.43	-14.14	0.00019
-49.50	-21.21	0.00020	-56.57	-28.28	0.00022
-63.64	-35.36	0.00024	-70.71	-42.43	0.00026
-77.78	-49.50	0.00027	-84.85	-56.57	0.00029

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

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

19:03:36  
 \*\*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	0.00008
49.50	63.64	0.00009	42.43	56.57	0.00009
35.36	49.50	0.00010	28.28	42.43	0.00010
21.21	35.36	0.00011	14.14	28.28	0.00012
10.61	24.75	0.00012	7.07	21.21	0.00013
4.95	19.09	0.00014	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00014
-0.71	13.44	0.00015	-13.44	0.71	0.00015
-14.85	-0.71	0.00015	-16.26	-2.12	0.00015
-17.68	-3.54	0.00015	-19.09	-4.95	0.00015
-21.21	-7.07	0.00015	-24.75	-10.61	0.00015
-28.28	-14.14	0.00016	-35.36	-21.21	0.00016
-42.43	-28.28	0.00017	-49.50	-35.36	0.00019
-56.57	-42.43	0.00020	-63.64	-49.50	0.00022
-70.71	-56.57	0.00024	-77.78	-63.64	0.00025
70.71	70.71	0.00007	63.64	63.64	0.00007
56.57	56.57	0.00008	49.50	49.50	0.00008
42.43	42.43	0.00009	35.36	35.36	0.00009
28.28	28.28	0.00010	21.21	21.21	0.00011

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

19:03:36

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00012	-10.61	-24.75	0.00012
-14.14	-28.28	0.00013	-21.21	-35.36	0.00013
-28.28	-42.43	0.00014	-35.36	-49.50	0.00014
-42.43	-56.57	0.00015	-49.50	-63.64	0.00017
-56.57	-70.71	0.00018	-63.64	-77.78	0.00019
84.85	56.57	0.00006	77.78	49.50	0.00006
70.71	42.43	0.00007	63.64	35.36	0.00007
56.57	28.28	0.00007	49.50	21.21	0.00008
42.43	14.14	0.00008	35.36	7.07	0.00009
31.82	3.54	0.00010	28.28	0.00	0.00010
26.16	-2.12	0.00010	24.75	-3.54	0.00010
23.33	-4.95	0.00011	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00011

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00011	4.95	-23.33	0.00011
3.54	-24.75	0.00011	2.12	-26.16	0.00011
0.00	-28.28	0.00011	-3.54	-31.82	0.00011
-7.07	-35.36	0.00011	-14.14	-42.43	0.00012
-21.21	-49.50	0.00012	-28.28	-56.57	0.00013
-35.36	-63.64	0.00014	-42.43	-70.71	0.00015
-49.50	-77.78	0.00016	-56.57	-84.85	0.00017
91.92	49.50	0.00006	84.85	42.43	0.00006
77.78	35.36	0.00006	70.71	28.28	0.00007
63.64	21.21	0.00007	56.57	14.14	0.00007
49.50	7.07	0.00008	42.43	0.00	0.00008
38.89	-3.54	0.00009	35.36	-7.07	0.00009
33.23	-9.19	0.00010	31.82	-10.61	0.00010
30.41	-12.02	0.00010	28.99	-13.44	0.00010
27.58	-14.85	0.00010	14.85	-27.58	0.00010
13.44	-28.99	0.00010	12.02	-30.41	0.00010
10.61	-31.82	0.00010	9.19	-33.23	0.00010
7.07	-35.36	0.00010	3.54	-38.89	0.00010
0.00	-42.43	0.00010	-7.07	-49.50	0.00011
-14.14	-56.57	0.00011	-21.21	-63.64	0.00011
-28.28	-70.71	0.00012	-35.36	-77.78	0.00013
-42.43	-84.85	0.00014	-49.50	-91.92	0.00015
98.99	42.43	0.00005	91.92	35.36	0.00006
84.85	28.28	0.00006	77.78	21.21	0.00006
70.71	14.14	0.00006	63.64	7.07	0.00007
56.57	0.00	0.00007	49.50	-7.07	0.00008
45.96	-10.61	0.00008	42.43	-14.14	0.00009

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00009	38.89	-17.68	0.00009
37.48	-19.09	0.00009	36.06	-20.51	0.00009
34.65	-21.92	0.00009	21.92	-34.65	0.00009
20.51	-36.06	0.00009	19.09	-37.48	0.00009
17.68	-38.89	0.00009	16.26	-40.31	0.00009
14.14	-42.43	0.00009	10.61	-45.96	0.00009
7.07	-49.50	0.00009	0.00	-56.57	0.00010



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00004	113.14	14.14	0.00005

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36

\*\*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	0.00006	45.96	-81.32	0.00006
42.43	-84.85	0.00006	35.36	-91.92	0.00006
28.28	-98.99	0.00007	21.21	-106.07	0.00007
14.14	-113.14	0.00007	7.07	-120.21	0.00007
0.00	-127.28	0.00007	-7.07	-134.35	0.00008
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00004	120.21	-21.21	0.00004
113.14	-28.28	0.00004	106.07	-35.36	0.00005
98.99	-42.43	0.00005	91.92	-49.50	0.00005
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00006	64.35	-77.07	0.00006
62.93	-78.49	0.00006	61.52	-79.90	0.00006
60.10	-81.32	0.00006	58.69	-82.73	0.00006
56.57	-84.85	0.00006	53.03	-88.39	0.00006
49.50	-91.92	0.00006	42.43	-98.99	0.00006
35.36	-106.07	0.00006	28.28	-113.14	0.00006
21.21	-120.21	0.00006	14.14	-127.28	0.00007
7.07	-134.35	0.00007	0.00	-141.42	0.00007
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	0.00004	113.14	-42.43	0.00004
106.07	-49.50	0.00005	98.99	-56.57	0.00005
95.46	-60.10	0.00005	91.92	-63.64	0.00005
89.80	-65.76	0.00005	88.39	-67.18	0.00005
86.97	-68.59	0.00005	85.56	-70.00	0.00006
84.15	-71.42	0.00006	71.42	-84.15	0.00006
70.00	-85.56	0.00006	68.59	-86.97	0.00006
67.18	-88.39	0.00006	65.76	-89.80	0.00006
63.64	-91.92	0.00006	60.10	-95.46	0.00006
56.57	-98.99	0.00006	49.50	-106.07	0.00006
42.43	-113.14	0.00006	35.36	-120.21	0.00006
28.28	-127.28	0.00006	21.21	-134.35	0.00006
14.14	-141.42	0.00006	7.07	-148.49	0.00007
155.56	-14.14	0.00003	148.49	-21.21	0.00003
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00004	120.21	-49.50	0.00004
113.14	-56.57	0.00004	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

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

19:03:36  
 \*\*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
96.87	-72.83	0.00005	95.46	-74.25	0.00005
94.05	-75.66	0.00005	92.63	-77.07	0.00005
91.22	-78.49	0.00005	78.49	-91.22	0.00005
77.07	-92.63	0.00005	75.66	-94.05	0.00005
74.25	-95.46	0.00005	72.83	-96.87	0.00005
70.71	-98.99	0.00005	67.18	-102.53	0.00005
63.64	-106.07	0.00005	56.57	-113.14	0.00005
49.50	-120.21	0.00005	42.43	-127.28	0.00005
35.36	-134.35	0.00006	28.28	-141.42	0.00006
21.21	-148.49	0.00006	14.14	-155.56	0.00006
162.63	-21.21	0.00003	155.56	-28.28	0.00003
148.49	-35.36	0.00003	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00004
120.21	-63.64	0.00004	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00005	102.53	-81.32	0.00005
101.12	-82.73	0.00005	99.70	-84.15	0.00005
98.29	-85.56	0.00005	85.56	-98.29	0.00005
84.15	-99.70	0.00005	82.73	-101.12	0.00005
81.32	-102.53	0.00005	79.90	-103.94	0.00005
77.78	-106.07	0.00005	74.25	-109.60	0.00005
70.71	-113.14	0.00005	63.64	-120.21	0.00005
56.57	-127.28	0.00005	49.50	-134.35	0.00005
42.43	-141.42	0.00005	35.36	-148.49	0.00005
28.28	-155.56	0.00005	21.21	-162.63	0.00006
169.71	-28.28	0.00003	162.63	-35.36	0.00003
155.56	-42.43	0.00003	148.49	-49.50	0.00003
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00004	120.21	-77.78	0.00004
116.67	-81.32	0.00004	113.14	-84.85	0.00004
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	0.00005

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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
106.07	-134.35	0.00004	102.53	-137.89	0.00004
98.99	-141.42	0.00004	91.92	-148.49	0.00004
84.85	-155.56	0.00004	77.78	-162.63	0.00004
70.71	-169.71	0.00004	63.64	-176.78	0.00004
56.57	-183.85	0.00004	49.50	-190.92	0.00004
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	0.00003
155.56	-98.99	0.00003	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	0.00004
119.50	-135.06	0.00004	118.09	-136.47	0.00004
116.67	-137.89	0.00004	115.26	-139.30	0.00004
113.14	-141.42	0.00004	109.60	-144.96	0.00004
106.07	-148.49	0.00004	98.99	-155.56	0.00004
91.92	-162.63	0.00004	84.85	-169.71	0.00004
77.78	-176.78	0.00004	70.71	-183.85	0.00004
63.64	-190.92	0.00004	56.57	-197.99	0.00004
205.06	-63.64	0.00002	197.99	-70.71	0.00002

20NCRA\_NAPA01-300\_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	0.00003	155.56	-113.14	0.00003
152.03	-116.67	0.00003	148.49	-120.21	0.00003
146.37	-122.33	0.00003	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00004
126.57	-142.13	0.00004	125.16	-143.54	0.00004
123.74	-144.96	0.00004	122.33	-146.37	0.00004
120.21	-148.49	0.00004	116.67	-152.03	0.00004
113.14	-155.56	0.00004	106.07	-162.63	0.00004
98.99	-169.71	0.00004	91.92	-176.78	0.00004
84.85	-183.85	0.00004	77.78	-190.92	0.00004
70.71	-197.99	0.00004	63.64	-205.06	0.00004
212.13	-70.71	0.00002	205.06	-77.78	0.00002
197.99	-84.85	0.00002	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
159.10	-123.74	0.00003	155.56	-127.28	0.00003

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

\*\*\* Maximum train overlap at 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
153.44	-129.40	0.00003	152.03	-130.81	0.00003
150.61	-132.23	0.00003	149.20	-133.64	0.00003
147.79	-135.06	0.00003	135.06	-147.79	0.00003
133.64	-149.20	0.00003	132.23	-150.61	0.00003
130.81	-152.03	0.00003	129.40	-153.44	0.00003
127.28	-155.56	0.00003	123.74	-159.10	0.00003
120.21	-162.63	0.00003	113.14	-169.71	0.00003
106.07	-176.78	0.00003	98.99	-183.85	0.00003
91.92	-190.92	0.00003	84.85	-197.99	0.00003
77.78	-205.06	0.00004	70.71	-212.13	0.00004
219.20	-77.78	0.00002	212.13	-84.85	0.00002
205.06	-91.92	0.00002	197.99	-98.99	0.00002
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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
233.35	-91.92	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00002	212.13	-113.14	0.00002
205.06	-120.21	0.00002	197.99	-127.28	0.00003
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	0.00003
154.86	-170.41	0.00003	153.44	-171.83	0.00003



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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: 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	0.00003	159.10	-194.45	0.00003
155.56	-197.99	0.00003	148.49	-205.06	0.00003
141.42	-212.13	0.00003	134.35	-219.20	0.00003

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00003	120.21	-233.35	0.00003
113.14	-240.42	0.00003	106.07	-247.49	0.00003

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

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 \*\*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	0.00247	-113.14	240.42	0.00267
-120.21	233.35	0.00288	-127.28	226.27	0.00312
-134.35	219.20	0.00337	-141.42	212.13	0.00362
-148.49	205.06	0.00381	-155.56	197.99	0.00378
-159.10	194.45	0.00359	-162.63	190.92	0.00320
-164.76	188.80	0.00288	-166.17	187.38	0.00264
-167.58	185.97	0.00240	-169.00	184.55	0.00218
-170.41	183.14	0.00198	-183.14	170.41	0.00140
-184.55	169.00	0.00139	-185.97	167.58	0.00138
-187.38	166.17	0.00138	-188.80	164.76	0.00137
-190.92	162.63	0.00137	-194.45	159.10	0.00138
-197.99	155.56	0.00139	-205.06	148.49	0.00141
-212.13	141.42	0.00141	-219.20	134.35	0.00140
-226.27	127.28	0.00137	-233.35	120.21	0.00133
-240.42	113.14	0.00129	-247.49	106.07	0.00123
-98.99	240.42	0.00260	-106.07	233.35	0.00282
-113.14	226.27	0.00307	-120.21	219.20	0.00336
-127.28	212.13	0.00369	-134.35	205.06	0.00406
-141.42	197.99	0.00444	-148.49	190.92	0.00474
-152.03	187.38	0.00479	-155.56	183.85	0.00465
-157.68	181.73	0.00442	-159.10	180.31	0.00417
-160.51	178.90	0.00384	-161.93	177.48	0.00346
-163.34	176.07	0.00305	-176.07	163.34	0.00167
-177.48	161.93	0.00167	-178.90	160.51	0.00167
-180.31	159.10	0.00167	-181.73	157.68	0.00168
-183.85	155.56	0.00170	-187.38	152.03	0.00174
-190.92	148.49	0.00177	-197.99	141.42	0.00180
-205.06	134.35	0.00179	-212.13	127.28	0.00174
-219.20	120.21	0.00167	-226.27	113.14	0.00159
-233.35	106.07	0.00150	-240.42	98.99	0.00142
-91.92	233.35	0.00271	-99.00	226.27	0.00295
-106.07	219.20	0.00324	-113.14	212.13	0.00357

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00396	-127.28	197.99	0.00442
-134.35	190.92	0.00495	-141.42	183.85	0.00552
-144.96	180.31	0.00579	-148.49	176.78	0.00599
-150.61	174.66	0.00604	-152.03	173.24	0.00601
-153.44	171.83	0.00593	-154.86	170.41	0.00573
-156.27	169.00	0.00538	-169.00	156.27	0.00221
-170.41	154.86	0.00224	-171.83	153.44	0.00227
-173.24	152.03	0.00230	-174.66	150.61	0.00233

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

19:03:36  
 \*\*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	148.49	0.00236	-180.31	144.96	0.00239
-183.85	141.42	0.00240	-190.92	134.35	0.00235
-197.99	127.28	0.00225	-205.06	120.21	0.00212
-212.13	113.14	0.00198	-219.20	106.07	0.00185
-226.27	98.99	0.00172	-233.35	91.92	0.00160
-84.85	226.27	0.00281	-91.92	219.20	0.00307
-99.00	212.13	0.00338	-106.07	205.06	0.00375
-113.14	197.99	0.00418	-120.21	190.92	0.00470
-127.28	183.85	0.00532	-134.35	176.78	0.00602
-137.89	173.24	0.00641	-141.42	169.71	0.00674
-143.54	167.58	0.00689	-144.96	166.17	0.00694
-146.37	164.76	0.00697	-147.79	163.34	0.00701
-149.20	161.93	0.00696	-161.93	149.20	0.00370
-163.34	147.79	0.00355	-164.76	146.37	0.00344
-166.17	144.96	0.00337	-167.58	143.54	0.00332
-169.71	141.42	0.00325	-173.24	137.89	0.00317
-176.78	134.35	0.00308	-183.85	127.28	0.00290
-190.92	120.21	0.00270	-197.99	113.14	0.00249
-205.06	106.07	0.00228	-212.13	98.99	0.00210
-219.20	91.92	0.00193	-226.27	84.85	0.00179
-77.78	219.20	0.00289	-84.85	212.13	0.00316
-91.92	205.06	0.00349	-99.00	197.99	0.00388
-106.07	190.92	0.00434	-113.14	183.85	0.00490
-120.21	176.78	0.00556	-127.28	169.71	0.00631
-130.81	166.17	0.00671	-134.35	162.63	0.00708
-136.47	160.51	0.00724	-137.89	159.10	0.00730



20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00493	-152.03	116.67	0.00482
-155.56	113.14	0.00467	-162.63	106.07	0.00429
-169.71	98.99	0.00388	-176.78	91.92	0.00348
-183.85	84.85	0.00312	-190.92	77.78	0.00281
-197.99	70.71	0.00254	-205.06	63.64	0.00230
-56.57	197.99	0.00304	-63.64	190.92	0.00334
-70.71	183.85	0.00369	-77.78	176.78	0.00411
-84.85	169.71	0.00461	-91.92	162.63	0.00521
-98.99	155.56	0.00591	-106.07	148.49	0.00669
-109.60	144.96	0.00709	-113.14	141.42	0.00744
-115.26	139.30	0.00759	-116.67	137.89	0.00766
-118.09	136.47	0.00768	-119.50	135.06	0.00765
-120.92	133.64	0.00759	-133.64	120.92	0.00525
-135.06	119.50	0.00521	-136.47	118.09	0.00519
-137.89	116.67	0.00517	-139.30	115.26	0.00516
-141.42	113.14	0.00514	-144.96	109.60	0.00506
-148.49	106.07	0.00493	-155.56	98.99	0.00458
-162.63	91.92	0.00416	-169.71	84.85	0.00374
-176.78	77.78	0.00335	-183.85	70.71	0.00301
-190.92	63.64	0.00271	-197.99	56.57	0.00246

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

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

19:03:36  
 \*\*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	0.00307	-56.57	183.85	0.00338
-63.64	176.78	0.00374	-70.71	169.71	0.00416
-77.78	162.63	0.00467	-84.85	155.56	0.00527
-91.92	148.49	0.00597	-98.99	141.42	0.00675
-102.53	137.89	0.00715	-106.07	134.35	0.00750
-108.19	132.23	0.00766	-109.60	130.81	0.00773
-111.02	129.40	0.00775	-112.43	127.99	0.00772
-113.84	126.57	0.00764	-126.57	113.84	0.00536
-127.99	112.43	0.00532	-129.40	111.02	0.00530
-130.81	109.60	0.00529	-132.23	108.19	0.00528
-134.35	106.07	0.00527	-137.89	102.53	0.00521
-141.42	98.99	0.00511	-148.49	91.92	0.00478
-155.56	84.85	0.00437	-162.63	77.78	0.00394
-169.71	70.71	0.00354	-176.78	63.64	0.00318

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00287	-190.92	49.50	0.00260
-42.43	183.85	0.00310	-49.50	176.78	0.00341
-56.57	169.71	0.00377	-63.64	162.63	0.00420
-70.71	155.56	0.00471	-77.78	148.49	0.00531
-84.85	141.42	0.00601	-91.92	134.35	0.00680
-95.46	130.81	0.00720	-98.99	127.28	0.00756
-101.12	125.16	0.00772	-102.53	123.74	0.00778
-103.94	122.33	0.00781	-105.36	120.92	0.00778
-106.77	119.50	0.00770	-119.50	106.77	0.00544
-120.92	105.36	0.00540	-122.33	103.94	0.00538
-123.74	102.53	0.00538	-125.16	101.12	0.00537
-127.28	98.99	0.00536	-130.81	95.46	0.00531
-134.35	91.92	0.00523	-141.42	84.85	0.00493
-148.49	77.78	0.00453	-155.56	70.71	0.00410
-162.63	63.64	0.00370	-169.71	56.57	0.00333
-176.78	49.50	0.00300	-183.85	42.43	0.00272
-35.36	176.78	0.00313	-42.43	169.71	0.00344
-49.50	162.63	0.00380	-56.57	155.56	0.00423
-63.64	148.49	0.00474	-70.71	141.42	0.00534
-77.78	134.35	0.00603	-84.85	127.28	0.00683
-88.39	123.74	0.00725	-91.92	120.21	0.00761
-94.05	118.09	0.00777	-95.46	116.67	0.00783
-96.87	115.26	0.00785	-98.29	113.84	0.00783
-99.70	112.43	0.00775	-112.43	99.70	0.00551
-113.84	98.29	0.00546	-115.26	96.87	0.00545
-116.67	95.46	0.00544	-118.09	94.05	0.00544

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

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 \*\*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	0.00543	-123.74	88.39	0.00539
-127.28	84.85	0.00531	-134.35	77.78	0.00503
-141.42	70.71	0.00465	-148.49	63.64	0.00423
-155.56	56.57	0.00383	-162.63	49.50	0.00345
-169.71	42.43	0.00312	-176.78	35.36	0.00283
-28.28	169.71	0.00315	-35.36	162.63	0.00346
-42.43	155.56	0.00383	-49.50	148.49	0.00426
-56.57	141.42	0.00476	-63.64	134.35	0.00536

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00606	-77.78	120.21	0.00685
-81.32	116.67	0.00727	-84.85	113.14	0.00765
-86.97	111.02	0.00782	-88.39	109.60	0.00789
-89.80	108.19	0.00793	-91.22	106.77	0.00790
-92.63	105.36	0.00780	-105.36	92.63	0.00557
-106.77	91.22	0.00552	-108.19	89.80	0.00550
-109.60	88.39	0.00549	-111.02	86.97	0.00549
-113.14	84.85	0.00549	-116.67	81.32	0.00545
-120.21	77.78	0.00537	-127.28	70.71	0.00511
-134.35	63.64	0.00474	-141.42	56.57	0.00433
-148.49	49.50	0.00393	-155.56	42.43	0.00355
-162.63	35.36	0.00322	-169.71	28.28	0.00292
-21.21	162.63	0.00316	-28.28	155.56	0.00348
-35.36	148.49	0.00384	-42.43	141.42	0.00427
-49.50	134.35	0.00478	-56.57	127.28	0.00538
-63.64	120.21	0.00608	-70.71	113.14	0.00687
-74.25	109.60	0.00730	-77.78	106.07	0.00767
-79.90	103.94	0.00783	-81.32	102.53	0.00789
-82.73	101.12	0.00792	-84.15	99.70	0.00797
-85.56	98.29	0.00793	-98.29	85.56	0.00559
-99.70	84.15	0.00556	-101.12	82.73	0.00554
-102.53	81.32	0.00554	-103.94	79.90	0.00554
-106.07	77.78	0.00553	-109.60	74.25	0.00550
-113.14	70.71	0.00542	-120.21	63.64	0.00517
-127.28	56.57	0.00480	-134.35	49.50	0.00440
-141.42	42.43	0.00401	-148.49	35.36	0.00364
-155.56	28.28	0.00330	-162.63	21.21	0.00300
-14.14	155.56	0.00317	-21.21	148.49	0.00349
-28.28	141.42	0.00386	-35.36	134.35	0.00429
-42.43	127.28	0.00480	-49.50	120.21	0.00540
-56.57	113.14	0.00610	-63.64	106.07	0.00689
-67.18	102.53	0.00731	-70.71	98.99	0.00769

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

19:03:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00786	-74.25	95.46	0.00793
-75.66	94.05	0.00795	-77.07	92.63	0.00797

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.00794	-91.22	78.49	0.00562
-92.63	77.07	0.00559	-94.05	75.66	0.00557
-95.46	74.25	0.00557	-96.87	72.83	0.00557
-98.99	70.71	0.00557	-102.53	67.18	0.00554
-106.07	63.64	0.00546	-113.14	56.57	0.00521
-120.21	49.50	0.00486	-127.28	42.43	0.00446
-134.35	35.36	0.00407	-141.42	28.28	0.00370
-148.49	21.21	0.00337	-155.56	14.14	0.00307
-7.07	148.49	0.00318	-14.14	141.42	0.00350
-21.21	134.35	0.00386	-28.28	127.28	0.00430
-35.36	120.21	0.00481	-42.43	113.14	0.00541
-49.50	106.07	0.00612	-56.57	98.99	0.00692
-60.10	95.46	0.00732	-63.64	91.92	0.00770
-65.76	89.80	0.00788	-67.18	88.39	0.00796
-68.59	86.97	0.00798	-70.00	85.56	0.00797
-71.42	84.15	0.00795	-84.15	71.42	0.00565
-85.56	70.00	0.00561	-86.97	68.59	0.00560
-88.39	67.18	0.00560	-89.80	65.76	0.00560
-91.92	63.64	0.00559	-95.46	60.10	0.00557
-98.99	56.57	0.00550	-106.07	49.50	0.00525
-113.14	42.43	0.00490	-120.21	35.36	0.00451
-127.28	28.28	0.00412	-134.35	21.21	0.00376
-141.42	14.14	0.00342	-148.49	7.07	0.00313
0.00	141.42	0.00318	-7.07	134.35	0.00350
-14.14	127.28	0.00387	-21.21	120.21	0.00430
-28.28	113.14	0.00481	-35.36	106.07	0.00542
-42.43	98.99	0.00613	-49.50	91.92	0.00693
-53.03	88.39	0.00734	-56.57	84.85	0.00771
-58.69	82.73	0.00789	-60.10	81.32	0.00797
-61.52	79.90	0.00801	-62.93	78.49	0.00799
-64.35	77.07	0.00796	-77.07	64.35	0.00567
-78.49	62.93	0.00563	-79.90	61.52	0.00562
-81.32	60.10	0.00562	-82.73	58.69	0.00562
-84.85	56.57	0.00562	-88.39	53.03	0.00559
-91.92	49.50	0.00552	-98.99	42.43	0.00527
-106.07	35.36	0.00493	-113.14	28.28	0.00454
-120.21	21.21	0.00416	-127.28	14.14	0.00380
-134.35	7.07	0.00347	-141.42	0.00	0.00317

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

\*\*\*



\*\*\* DISCRETE 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	0.00319	0.00	127.28	0.00350
-7.07	120.21	0.00387	-14.14	113.14	0.00431
-21.21	106.07	0.00482	-28.28	98.99	0.00543
-35.36	91.92	0.00614	-42.43	84.85	0.00694
-45.96	81.32	0.00736	-49.50	77.78	0.00773
-51.62	75.66	0.00789	-53.03	74.25	0.00798
-54.45	72.83	0.00801	-55.86	71.42	0.00800
-57.28	70.00	0.00795	-70.00	57.28	0.00569
-71.42	55.86	0.00565	-72.83	54.45	0.00564
-74.25	53.03	0.00564	-75.66	51.62	0.00564
-77.78	49.50	0.00563	-81.32	45.96	0.00561
-84.85	42.43	0.00554	-91.92	35.36	0.00530
-98.99	28.28	0.00495	-106.07	21.21	0.00457
-113.14	14.14	0.00419	-120.21	7.07	0.00383
-127.28	0.00	0.00351	-134.35	-7.07	0.00321
14.14	127.28	0.00318	7.07	120.21	0.00350
0.00	113.14	0.00387	-7.07	106.07	0.00431
-14.14	98.99	0.00482	-21.21	91.92	0.00543
-28.28	84.85	0.00615	-35.36	77.78	0.00696
-38.89	74.25	0.00737	-42.43	70.71	0.00774
-44.55	68.59	0.00792	-45.96	67.18	0.00799
-47.38	65.76	0.00802	-48.79	64.35	0.00801
-50.20	62.93	0.00794	-62.93	50.20	0.00571
-64.35	48.79	0.00567	-65.76	47.38	0.00566
-67.18	45.96	0.00565	-68.59	44.55	0.00565
-70.71	42.43	0.00565	-74.25	38.89	0.00562
-77.78	35.36	0.00556	-84.85	28.28	0.00531
-91.92	21.21	0.00497	-98.99	14.14	0.00459
-106.07	7.07	0.00422	-113.14	0.00	0.00386
-120.21	-7.07	0.00354	-127.28	-14.14	0.00324
21.21	120.21	0.00318	14.14	113.14	0.00350
7.07	106.07	0.00387	0.00	98.99	0.00431
-7.07	91.92	0.00483	-14.14	84.85	0.00543
-21.21	77.78	0.00615	-28.28	70.71	0.00696
-31.82	67.18	0.00738	-35.36	63.64	0.00775
-37.48	61.52	0.00793	-38.89	60.10	0.00800
-40.31	58.69	0.00803	-41.72	57.28	0.00801
-43.13	55.86	0.00795	-55.86	43.13	0.00573
-57.28	41.72	0.00568	-58.69	40.31	0.00567
-60.10	38.89	0.00567	-61.52	37.48	0.00567

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36

\*\*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
-63.64	35.36	0.00566	-67.18	31.82	0.00563
-70.71	28.28	0.00557	-77.78	21.21	0.00533
-84.85	14.14	0.00499	-91.92	7.07	0.00461
-98.99	0.00	0.00424	-106.07	-7.07	0.00389
-113.14	-14.14	0.00356	-120.21	-21.21	0.00327
28.28	113.14	0.00317	21.21	106.07	0.00350
14.14	98.99	0.00387	7.07	91.92	0.00431
0.00	84.85	0.00483	-7.07	77.78	0.00544
-14.14	70.71	0.00615	-21.21	63.64	0.00696
-24.75	60.10	0.00739	-28.28	56.57	0.00777
-30.41	54.45	0.00794	-31.82	53.03	0.00801
-33.23	51.62	0.00804	-34.65	50.20	0.00802
-36.06	48.79	0.00795	-48.79	36.06	0.00574
-50.20	34.65	0.00570	-51.62	33.23	0.00568
-53.03	31.82	0.00568	-54.45	30.41	0.00568
-56.57	28.28	0.00567	-60.10	24.75	0.00564
-63.64	21.21	0.00558	-70.71	14.14	0.00534
-77.78	7.07	0.00500	-84.85	0.00	0.00462
-91.92	-7.07	0.00425	-98.99	-14.14	0.00390
-106.07	-21.21	0.00358	-113.14	-28.28	0.00329
35.36	106.07	0.00317	28.28	98.99	0.00349
21.21	91.92	0.00387	14.14	84.85	0.00431
7.07	77.78	0.00483	0.00	70.71	0.00544
-7.07	63.64	0.00615	-14.14	56.57	0.00696
-17.68	53.03	0.00739	-21.21	49.50	0.00778
-23.33	47.38	0.00796	-24.75	45.96	0.00803
-26.16	44.55	0.00808	-27.58	43.13	0.00806
-28.99	41.72	0.00797	-41.72	28.99	0.00575
-43.13	27.58	0.00571	-44.55	26.16	0.00568
-45.96	24.75	0.00568	-47.38	23.33	0.00568
-49.50	21.21	0.00568	-53.03	17.68	0.00565
-56.57	14.14	0.00558	-63.64	7.07	0.00534
-70.71	0.00	0.00501	-77.78	-7.07	0.00463
-84.85	-14.14	0.00426	-91.92	-21.21	0.00392

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00360	-106.07	-35.36	0.00331
42.43	98.99	0.00316	35.36	91.92	0.00348
28.28	84.85	0.00386	21.21	77.78	0.00430
14.14	70.71	0.00482	7.07	63.64	0.00544
0.00	56.57	0.00615	-7.07	49.50	0.00696
-10.61	45.96	0.00739	-14.14	42.43	0.00777

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
-16.26	40.31	0.00794	-17.68	38.89	0.00801
-19.09	37.48	0.00805	-20.51	36.06	0.00810
-21.92	34.65	0.00807	-34.65	21.92	0.00574
-36.06	20.51	0.00571	-37.48	19.09	0.00569
-38.89	17.68	0.00569	-40.31	16.26	0.00569
-42.43	14.14	0.00569	-45.96	10.61	0.00566
-49.50	7.07	0.00559	-56.57	0.00	0.00535
-63.64	-7.07	0.00501	-70.71	-14.14	0.00464
-77.78	-21.21	0.00427	-84.85	-28.28	0.00393
-91.92	-35.36	0.00361	-98.99	-42.43	0.00332
49.50	91.92	0.00314	42.43	84.85	0.00347
35.36	77.78	0.00385	28.28	70.71	0.00430
21.21	63.64	0.00482	14.14	56.57	0.00543
7.07	49.50	0.00615	0.00	42.43	0.00695
-3.54	38.89	0.00738	-7.07	35.36	0.00777
-9.19	33.23	0.00795	-10.61	31.82	0.00802
-12.02	30.41	0.00805	-13.44	28.99	0.00807
-14.85	27.58	0.00805	-27.58	14.85	0.00574
-28.99	13.44	0.00570	-30.41	12.02	0.00569
-31.82	10.61	0.00569	-33.23	9.19	0.00569
-35.36	7.07	0.00569	-38.89	3.54	0.00566
-42.43	0.00	0.00559	-49.50	-7.07	0.00535
-56.57	-14.14	0.00502	-63.64	-21.21	0.00465
-70.71	-28.28	0.00428	-77.78	-35.36	0.00393
-84.85	-42.43	0.00362	-91.92	-49.50	0.00333
56.57	84.85	0.00313	49.50	77.78	0.00346
42.43	70.71	0.00384	35.36	63.64	0.00429
28.28	56.57	0.00481	21.21	49.50	0.00543

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00615	7.07	35.36	0.00696
3.54	31.82	0.00737	0.00	28.28	0.00776
-2.12	26.16	0.00795	-3.54	24.75	0.00803
-4.95	23.33	0.00806	-6.36	21.92	0.00804
-7.78	20.51	0.00803	-20.51	7.78	0.00574
-21.92	6.36	0.00570	-23.33	4.95	0.00569
-24.75	3.54	0.00569	-26.16	2.12	0.00569
-28.28	0.00	0.00569	-31.82	-3.54	0.00566
-35.36	-7.07	0.00559	-42.43	-14.14	0.00535
-49.50	-21.21	0.00502	-56.57	-28.28	0.00465
-63.64	-35.36	0.00428	-70.71	-42.43	0.00394
-77.78	-49.50	0.00362	-84.85	-56.57	0.00334

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00311	56.57	70.71	0.00344
49.50	63.64	0.00383	42.43	56.57	0.00427
35.36	49.50	0.00480	28.28	42.43	0.00542
21.21	35.36	0.00614	14.14	28.28	0.00696
10.61	24.75	0.00738	7.07	21.21	0.00775
4.95	19.09	0.00793	3.54	17.68	0.00802
2.12	16.26	0.00806	0.71	14.85	0.00804
-0.71	13.44	0.00801	-13.44	0.71	0.00574
-14.85	-0.71	0.00570	-16.26	-2.12	0.00569
-17.68	-3.54	0.00569	-19.09	-4.95	0.00569
-21.21	-7.07	0.00569	-24.75	-10.61	0.00566
-28.28	-14.14	0.00559	-35.36	-21.21	0.00535
-42.43	-28.28	0.00502	-49.50	-35.36	0.00465
-56.57	-42.43	0.00428	-63.64	-49.50	0.00394
-70.71	-56.57	0.00363	-77.78	-63.64	0.00334
70.71	70.71	0.00308	63.64	63.64	0.00342
56.57	56.57	0.00381	49.50	49.50	0.00426
42.43	42.43	0.00479	35.36	35.36	0.00541
28.28	28.28	0.00613	21.21	21.21	0.00695
17.68	17.68	0.00737	14.14	14.14	0.00775
12.02	12.02	0.00792	10.61	10.61	0.00801
9.19	9.19	0.00805	7.78	7.78	0.00803

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.00799	-6.36	-6.36	0.00574
-7.78	-7.78	0.00570	-9.19	-9.19	0.00569
-10.61	-10.61	0.00568	-12.02	-12.02	0.00568
-14.14	-14.14	0.00568	-17.68	-17.68	0.00566
-21.21	-21.21	0.00559	-28.28	-28.28	0.00535
-35.36	-35.36	0.00502	-42.43	-42.43	0.00465
-49.50	-49.50	0.00428	-56.57	-56.57	0.00394
-63.64	-63.64	0.00363	-70.71	-70.71	0.00335
77.78	63.64	0.00306	70.71	56.57	0.00340
63.64	49.50	0.00379	56.57	42.43	0.00424
49.50	35.36	0.00477	42.43	28.28	0.00540
35.36	21.21	0.00612	28.28	14.14	0.00695
24.75	10.61	0.00737	21.21	7.07	0.00775
19.09	4.95	0.00792	17.68	3.54	0.00800
16.26	2.12	0.00804	14.85	0.71	0.00802
13.44	-0.71	0.00796	0.71	-13.44	0.00574
-0.71	-14.85	0.00570	-2.12	-16.26	0.00568
-3.54	-17.68	0.00568	-4.95	-19.09	0.00568

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

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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	0.00568	-10.61	-24.75	0.00565
-14.14	-28.28	0.00558	-21.21	-35.36	0.00534
-28.28	-42.43	0.00501	-35.36	-49.50	0.00464
-42.43	-56.57	0.00428	-49.50	-63.64	0.00394
-56.57	-70.71	0.00363	-63.64	-77.78	0.00335
84.85	56.57	0.00302	77.78	49.50	0.00337
70.71	42.43	0.00376	63.64	35.36	0.00422
56.57	28.28	0.00476	49.50	21.21	0.00538
42.43	14.14	0.00611	35.36	7.07	0.00694
31.82	3.54	0.00736	28.28	0.00	0.00774
26.16	-2.12	0.00792	24.75	-3.54	0.00800
23.33	-4.95	0.00803	21.92	-6.36	0.00801
20.51	-7.78	0.00795	7.78	-20.51	0.00574
6.36	-21.92	0.00569	4.95	-23.33	0.00568
3.54	-24.75	0.00568	2.12	-26.16	0.00568
0.00	-28.28	0.00567	-3.54	-31.82	0.00564

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00558	-14.14	-42.43	0.00534
-21.21	-49.50	0.00501	-28.28	-56.57	0.00464
-35.36	-63.64	0.00427	-42.43	-70.71	0.00393
-49.50	-77.78	0.00362	-56.57	-84.85	0.00334
91.92	49.50	0.00299	84.85	42.43	0.00333
77.78	35.36	0.00373	70.71	28.28	0.00420
63.64	21.21	0.00473	56.57	14.14	0.00536
49.50	7.07	0.00609	42.43	0.00	0.00692
38.89	-3.54	0.00736	35.36	-7.07	0.00774
33.23	-9.19	0.00792	31.82	-10.61	0.00799
30.41	-12.02	0.00802	28.99	-13.44	0.00800
27.58	-14.85	0.00793	14.85	-27.58	0.00573
13.44	-28.99	0.00569	12.02	-30.41	0.00567
10.61	-31.82	0.00567	9.19	-33.23	0.00567
7.07	-35.36	0.00566	3.54	-38.89	0.00563
0.00	-42.43	0.00557	-7.07	-49.50	0.00533
-14.14	-56.57	0.00500	-21.21	-63.64	0.00463
-28.28	-70.71	0.00427	-35.36	-77.78	0.00393
-42.43	-84.85	0.00362	-49.50	-91.92	0.00334
98.99	42.43	0.00294	91.92	35.36	0.00329
84.85	28.28	0.00370	77.78	21.21	0.00417
70.71	14.14	0.00471	63.64	7.07	0.00534
56.57	0.00	0.00607	49.50	-7.07	0.00690
45.96	-10.61	0.00733	42.43	-14.14	0.00773

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
40.31	-16.26	0.00791	38.89	-17.68	0.00799
37.48	-19.09	0.00804	36.06	-20.51	0.00802
34.65	-21.92	0.00793	21.92	-34.65	0.00572
20.51	-36.06	0.00568	19.09	-37.48	0.00566
17.68	-38.89	0.00565	16.26	-40.31	0.00566
14.14	-42.43	0.00565	10.61	-45.96	0.00562
7.07	-49.50	0.00556	0.00	-56.57	0.00532
-7.07	-63.64	0.00499	-14.14	-70.71	0.00462
-21.21	-77.78	0.00426	-28.28	-84.85	0.00392
-35.36	-91.92	0.00361	-42.43	-98.99	0.00333

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00289	98.99	28.28	0.00325
91.92	21.21	0.00366	84.85	14.14	0.00413
77.78	7.07	0.00468	70.71	0.00	0.00532
63.64	-7.07	0.00605	56.57	-14.14	0.00688
53.03	-17.68	0.00732	49.50	-21.21	0.00771
47.38	-23.33	0.00788	45.96	-24.75	0.00795
44.55	-26.16	0.00799	43.13	-27.58	0.00805
41.72	-28.99	0.00801	28.99	-41.72	0.00570
27.58	-43.13	0.00567	26.16	-44.55	0.00565
24.75	-45.96	0.00564	23.33	-47.38	0.00564
21.21	-49.50	0.00564	17.68	-53.03	0.00561
14.14	-56.57	0.00554	7.07	-63.64	0.00530
0.00	-70.71	0.00497	-7.07	-77.78	0.00461
-14.14	-84.85	0.00425	-21.21	-91.92	0.00391
-28.28	-98.99	0.00360	-35.36	-106.07	0.00332
113.14	28.28	0.00283	106.07	21.21	0.00319
98.99	14.14	0.00361	91.92	7.07	0.00409
84.85	0.00	0.00464	77.78	-7.07	0.00529
70.71	-14.14	0.00603	63.64	-21.21	0.00685
60.10	-24.75	0.00729	56.57	-28.28	0.00769
54.45	-30.41	0.00787	53.03	-31.82	0.00794
51.62	-33.23	0.00797	50.20	-34.65	0.00799
48.79	-36.06	0.00797	36.06	-48.79	0.00567
34.65	-50.20	0.00564	33.23	-51.62	0.00563
31.82	-53.03	0.00563	30.41	-54.45	0.00563
28.28	-56.57	0.00563	24.75	-60.10	0.00560
21.21	-63.64	0.00553	14.14	-70.71	0.00529
7.07	-77.78	0.00496	0.00	-84.85	0.00460
-7.07	-91.92	0.00424	-14.14	-98.99	0.00390
-21.21	-106.07	0.00359	-28.28	-113.14	0.00331

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
120.21	21.21	0.00276	113.14	14.14	0.00312
106.07	7.07	0.00355	98.99	0.00	0.00403
91.92	-7.07	0.00460	84.85	-14.14	0.00525
77.78	-21.21	0.00600	70.71	-28.28	0.00684

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00725	63.64	-35.36	0.00765
61.52	-37.48	0.00784	60.10	-38.89	0.00793
58.69	-40.31	0.00796	57.28	-41.72	0.00795
55.86	-43.13	0.00794	43.13	-55.86	0.00566
41.72	-57.28	0.00562	40.31	-58.69	0.00561
38.89	-60.10	0.00561	37.48	-61.52	0.00561
35.36	-63.64	0.00560	31.82	-67.18	0.00558
28.28	-70.71	0.00551	21.21	-77.78	0.00527
14.14	-84.85	0.00494	7.07	-91.92	0.00458
0.00	-98.99	0.00422	-7.07	-106.07	0.00388
-14.14	-113.14	0.00358	-21.21	-120.21	0.00330
127.28	14.14	0.00267	120.21	7.07	0.00304
113.14	0.00	0.00347	106.07	-7.07	0.00397
98.99	-14.14	0.00454	91.92	-21.21	0.00521
84.85	-28.28	0.00596	77.78	-35.36	0.00681
74.25	-38.89	0.00724	70.71	-42.43	0.00762
68.59	-44.55	0.00781	67.18	-45.96	0.00789
65.76	-47.38	0.00794	64.35	-48.79	0.00792
62.93	-50.20	0.00790	50.20	-62.93	0.00563
48.79	-64.35	0.00560	47.38	-65.76	0.00559
45.96	-67.18	0.00558	44.55	-68.59	0.00558
42.43	-70.71	0.00558	38.89	-74.25	0.00556
35.36	-77.78	0.00549	28.28	-84.85	0.00525
21.21	-91.92	0.00492	14.14	-98.99	0.00456
7.07	-106.07	0.00420	0.00	-113.14	0.00387
-7.07	-120.21	0.00356	-14.14	-127.28	0.00328
134.35	7.07	0.00258	127.28	0.00	0.00295
120.21	-7.07	0.00339	113.14	-14.14	0.00389
106.07	-21.21	0.00448	98.99	-28.28	0.00515
91.92	-35.36	0.00592	84.85	-42.43	0.00677
81.32	-45.96	0.00720	77.78	-49.50	0.00760
75.66	-51.62	0.00777	74.25	-53.03	0.00786
72.83	-54.45	0.00790	71.42	-55.86	0.00789
70.00	-57.28	0.00785	57.28	-70.00	0.00561
55.86	-71.42	0.00557	54.45	-72.83	0.00556
53.03	-74.25	0.00556	51.62	-75.66	0.00556

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

19:03:36  
 \*\*MODELOPTs:  
 PAGE 136

CONC      URBAN FLAT      FLGPOL DFAULT

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



20NCRA\_NAPA01-300\_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	0.00556	45.96	-81.32	0.00553
42.43	-84.85	0.00546	35.36	-91.92	0.00523
28.28	-98.99	0.00490	21.21	-106.07	0.00454
14.14	-113.14	0.00418	7.07	-120.21	0.00384
0.00	-127.28	0.00354	-7.07	-134.35	0.00326
141.42	0.00	0.00246	134.35	-7.07	0.00284
127.28	-14.14	0.00328	120.21	-21.21	0.00379
113.14	-28.28	0.00439	106.07	-35.36	0.00508
98.99	-42.43	0.00586	91.92	-49.50	0.00673
88.39	-53.03	0.00716	84.85	-56.57	0.00756
82.73	-58.69	0.00774	81.32	-60.10	0.00782
79.90	-61.52	0.00786	78.49	-62.93	0.00785
77.07	-64.35	0.00779	64.35	-77.07	0.00559
62.93	-78.49	0.00555	61.52	-79.90	0.00553
60.10	-81.32	0.00553	58.69	-82.73	0.00553
56.57	-84.85	0.00552	53.03	-88.39	0.00550
49.50	-91.92	0.00543	42.43	-98.99	0.00520
35.36	-106.07	0.00487	28.28	-113.14	0.00451
21.21	-120.21	0.00415	14.14	-127.28	0.00382
7.07	-134.35	0.00351	0.00	-141.42	0.00324
148.49	-7.07	0.00234	141.42	-14.14	0.00271
134.35	-21.21	0.00315	127.28	-28.28	0.00368
120.21	-35.36	0.00429	113.14	-42.43	0.00499
106.07	-49.50	0.00579	98.99	-56.57	0.00668
95.46	-60.10	0.00712	91.92	-63.64	0.00752
89.80	-65.76	0.00770	88.39	-67.18	0.00778
86.97	-68.59	0.00782	85.56	-70.00	0.00781
84.15	-71.42	0.00775	71.42	-84.15	0.00555
70.00	-85.56	0.00551	68.59	-86.97	0.00550
67.18	-88.39	0.00550	65.76	-89.80	0.00549
63.64	-91.92	0.00549	60.10	-95.46	0.00546
56.57	-98.99	0.00540	49.50	-106.07	0.00517
42.43	-113.14	0.00484	35.36	-120.21	0.00448
28.28	-127.28	0.00412	21.21	-134.35	0.00379
14.14	-141.42	0.00348	7.07	-148.49	0.00321
155.56	-14.14	0.00220	148.49	-21.21	0.00256
141.42	-28.28	0.00300	134.35	-35.36	0.00353
127.28	-42.43	0.00415	120.21	-49.50	0.00488
113.14	-56.57	0.00570	106.07	-63.64	0.00660
102.53	-67.18	0.00706	98.99	-70.71	0.00747

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

19:03:36  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00766	95.46	-74.25	0.00774	
94.05	-75.66	0.00777	92.63	-77.07	0.00776	
91.22	-78.49	0.00769	78.49	-91.22	0.00552	
77.07	-92.63	0.00547	75.66	-94.05	0.00545	
74.25	-95.46	0.00545	72.83	-96.87	0.00545	
70.71	-98.99	0.00545	67.18	-102.53	0.00542	
63.64	-106.07	0.00536	56.57	-113.14	0.00513	
49.50	-120.21	0.00480	42.43	-127.28	0.00445	
35.36	-134.35	0.00409	28.28	-141.42	0.00375	
21.21	-148.49	0.00345	14.14	-155.56	0.00317	
162.63	-21.21	0.00206	155.56	-28.28	0.00240	
148.49	-35.36	0.00282	141.42	-42.43	0.00335	
134.35	-49.50	0.00399	127.28	-56.57	0.00473	
120.21	-63.64	0.00558	113.14	-70.71	0.00651	
109.60	-74.25	0.00698	106.07	-77.78	0.00741	
103.94	-79.90	0.00761	102.53	-81.32	0.00769	
101.12	-82.73	0.00775	99.70	-84.15	0.00774	
98.29	-85.56	0.00765	85.56	-98.29	0.00547	
84.15	-99.70	0.00543	82.73	-101.12	0.00540	
81.32	-102.53	0.00540	79.90	-103.94	0.00540	
77.78	-106.07	0.00540	74.25	-109.60	0.00537	
70.71	-113.14	0.00531	63.64	-120.21	0.00508	
56.57	-127.28	0.00476	49.50	-134.35	0.00440	
42.43	-141.42	0.00405	35.36	-148.49	0.00371	
28.28	-155.56	0.00340	21.21	-162.63	0.00313	
169.71	-28.28	0.00190	162.63	-35.36	0.00222	
155.56	-42.43	0.00262	148.49	-49.50	0.00314	
141.42	-56.57	0.00377	134.35	-63.64	0.00454	
127.28	-70.71	0.00543	120.21	-77.78	0.00639	
116.67	-81.32	0.00688	113.14	-84.85	0.00731	
111.02	-86.97	0.00750	109.60	-88.39	0.00759	
108.19	-89.80	0.00764	106.77	-91.22	0.00770	
105.36	-92.63	0.00768	92.63	-105.36	0.00540	
91.22	-106.77	0.00537	89.80	-108.19	0.00535	
88.39	-109.60	0.00534	86.97	-111.02	0.00534	
84.85	-113.14	0.00534	81.32	-116.67	0.00532	

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00525	70.71	-127.28	0.00503
63.64	-134.35	0.00471	56.57	-141.42	0.00435
49.50	-148.49	0.00399	42.43	-155.56	0.00366
35.36	-162.63	0.00335	28.28	-169.71	0.00307

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

19:03:36  
 \*\*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	0.00174	169.71	-42.43	0.00203
162.63	-49.50	0.00240	155.56	-56.57	0.00289
148.49	-63.64	0.00351	141.42	-70.71	0.00429
134.35	-77.78	0.00521	127.28	-84.85	0.00622
123.74	-88.39	0.00673	120.21	-91.92	0.00720
118.09	-94.05	0.00741	116.67	-95.46	0.00750
115.26	-96.87	0.00754	113.84	-98.29	0.00758
112.43	-99.70	0.00757	99.70	-112.43	0.00532
98.29	-113.84	0.00528	96.87	-115.26	0.00527
95.46	-116.67	0.00527	94.05	-118.09	0.00527
91.92	-120.21	0.00527	88.39	-123.74	0.00525
84.85	-127.28	0.00519	77.78	-134.35	0.00497
70.71	-141.42	0.00465	63.64	-148.49	0.00429
56.57	-155.56	0.00393	49.50	-162.63	0.00359
42.43	-169.71	0.00328	35.36	-176.78	0.00301
183.85	-42.43	0.00158	176.78	-49.50	0.00184
169.71	-56.57	0.00217	162.63	-63.64	0.00261
155.56	-70.71	0.00319	148.49	-77.78	0.00396
141.42	-84.85	0.00491	134.35	-91.92	0.00600
130.81	-95.46	0.00654	127.28	-98.99	0.00703
125.16	-101.12	0.00727	123.74	-102.53	0.00738
122.33	-103.94	0.00743	120.92	-105.36	0.00744
119.50	-106.77	0.00744	106.77	-119.50	0.00523
105.36	-120.92	0.00519	103.94	-122.33	0.00518
102.53	-123.74	0.00518	101.12	-125.16	0.00519
98.99	-127.28	0.00519	95.46	-130.81	0.00517
91.92	-134.35	0.00511	84.85	-141.42	0.00489
77.78	-148.49	0.00456	70.71	-155.56	0.00420
63.64	-162.63	0.00384	56.57	-169.71	0.00351
49.50	-176.78	0.00321	42.43	-183.85	0.00293

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00142	183.85	-56.57	0.00164
176.78	-63.64	0.00193	169.71	-70.71	0.00232
162.63	-77.78	0.00284	155.56	-84.85	0.00355
148.49	-91.92	0.00450	141.42	-98.99	0.00566
137.89	-102.53	0.00626	134.35	-106.07	0.00680
132.23	-108.19	0.00706	130.81	-109.60	0.00719
129.40	-111.02	0.00727	127.99	-112.43	0.00729
126.57	-113.84	0.00729	113.84	-126.57	0.00512
112.43	-127.99	0.00509	111.02	-129.40	0.00508
109.60	-130.81	0.00508	108.19	-132.23	0.00508

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
106.07	-134.35	0.00508	102.53	-137.89	0.00507
98.99	-141.42	0.00501	91.92	-148.49	0.00479
84.85	-155.56	0.00446	77.78	-162.63	0.00410
70.71	-169.71	0.00374	63.64	-176.78	0.00341
56.57	-183.85	0.00311	49.50	-190.92	0.00284
197.99	-56.57	0.00125	190.92	-63.64	0.00145
183.85	-70.71	0.00169	176.78	-77.78	0.00202
169.71	-84.85	0.00246	162.63	-91.92	0.00307
155.56	-98.99	0.00395	148.49	-106.07	0.00515
144.96	-109.60	0.00582	141.42	-113.14	0.00645
139.30	-115.26	0.00675	137.89	-116.67	0.00692
136.47	-118.09	0.00703	135.06	-119.50	0.00707
133.64	-120.92	0.00708	120.92	-133.64	0.00499
119.50	-135.06	0.00496	118.09	-136.47	0.00495
116.67	-137.89	0.00495	115.26	-139.30	0.00495
113.14	-141.42	0.00496	109.60	-144.96	0.00495
106.07	-148.49	0.00489	98.99	-155.56	0.00466
91.92	-162.63	0.00433	84.85	-169.71	0.00396
77.78	-176.78	0.00361	70.71	-183.85	0.00328
63.64	-190.92	0.00298	56.57	-197.99	0.00272
205.06	-63.64	0.00110	197.99	-70.71	0.00126
190.92	-77.78	0.00146	183.85	-84.85	0.00172
176.78	-91.92	0.00208	169.71	-98.99	0.00257
162.63	-106.07	0.00330	155.56	-113.14	0.00440

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00511	148.49	-120.21	0.00586
146.37	-122.33	0.00626	144.96	-123.74	0.00647
143.54	-125.16	0.00664	142.13	-126.57	0.00674
140.71	-127.99	0.00677	127.99	-140.71	0.00483
126.57	-142.13	0.00480	125.16	-143.54	0.00479
123.74	-144.96	0.00479	122.33	-146.37	0.00480
120.21	-148.49	0.00480	116.67	-152.03	0.00479
113.14	-155.56	0.00472	106.07	-162.63	0.00448
98.99	-169.71	0.00414	91.92	-176.78	0.00378
84.85	-183.85	0.00343	77.78	-190.92	0.00311
70.71	-197.99	0.00282	63.64	-205.06	0.00257
212.13	-70.71	0.00097	205.06	-77.78	0.00109
197.99	-84.85	0.00125	190.92	-91.92	0.00145
183.85	-98.99	0.00171	176.78	-106.07	0.00208
169.71	-113.14	0.00261	162.63	-120.21	0.00346
159.10	-123.74	0.00407	155.56	-127.28	0.00484

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
153.44	-129.40	0.00534	152.03	-130.81	0.00565
150.61	-132.23	0.00593	149.20	-133.64	0.00613
147.79	-135.06	0.00627	135.06	-147.79	0.00463
133.64	-149.20	0.00459	132.23	-150.61	0.00459
130.81	-152.03	0.00459	129.40	-153.44	0.00460
127.28	-155.56	0.00459	123.74	-159.10	0.00456
120.21	-162.63	0.00448	113.14	-169.71	0.00422
106.07	-176.78	0.00388	98.99	-183.85	0.00353
91.92	-190.92	0.00319	84.85	-197.99	0.00289
77.78	-205.06	0.00263	70.71	-212.13	0.00240
219.20	-77.78	0.00084	212.13	-84.85	0.00094
205.06	-91.92	0.00106	197.99	-98.99	0.00120
190.92	-106.07	0.00139	183.85	-113.14	0.00163
176.78	-120.21	0.00197	169.71	-127.28	0.00249
166.17	-130.81	0.00287	162.63	-134.35	0.00340
160.51	-136.47	0.00381	159.10	-137.89	0.00413
157.68	-139.30	0.00449	156.27	-140.71	0.00485
154.86	-142.13	0.00519	142.13	-154.86	0.00436

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00432	139.30	-157.68	0.00430
137.89	-159.10	0.00429	136.47	-160.51	0.00429
134.35	-162.63	0.00426	130.81	-166.17	0.00420
127.28	-169.71	0.00410	120.21	-176.78	0.00383
113.14	-183.85	0.00350	106.07	-190.92	0.00319
98.99	-197.99	0.00289	91.92	-205.06	0.00264
84.85	-212.13	0.00241	77.78	-219.20	0.00221
226.27	-84.85	0.00073	219.20	-91.92	0.00080
212.13	-98.99	0.00089	205.06	-106.07	0.00099
197.99	-113.14	0.00112	190.92	-120.21	0.00127
183.85	-127.28	0.00147	176.78	-134.35	0.00171
173.24	-137.89	0.00187	169.71	-141.42	0.00206
167.58	-143.54	0.00220	166.17	-144.96	0.00231
164.76	-146.37	0.00244	163.34	-147.79	0.00261
161.93	-149.20	0.00287	149.20	-161.93	0.00383
147.79	-163.34	0.00375	146.37	-164.76	0.00370
144.96	-166.17	0.00367	143.54	-167.58	0.00364
141.42	-169.71	0.00361	137.89	-173.24	0.00354
134.35	-176.78	0.00347	127.28	-183.85	0.00327
120.21	-190.92	0.00304	113.14	-197.99	0.00281
106.07	-205.06	0.00258	98.99	-212.13	0.00238
91.92	-219.20	0.00219	84.85	-226.27	0.00203

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
233.35	-91.92	0.00063	226.27	-98.99	0.00068
219.20	-106.07	0.00074	212.13	-113.14	0.00081
205.06	-120.21	0.00090	197.99	-127.28	0.00099
190.92	-134.35	0.00109	183.85	-141.42	0.00120
180.31	-144.96	0.00125	176.78	-148.49	0.00130
174.66	-150.61	0.00133	173.24	-152.03	0.00134
171.83	-153.44	0.00136	170.41	-154.86	0.00137
169.00	-156.27	0.00139	156.27	-169.00	0.00232
154.86	-170.41	0.00244	153.44	-171.83	0.00253
152.03	-173.24	0.00260	150.61	-174.66	0.00265
148.49	-176.78	0.00271	144.96	-180.31	0.00277
141.42	-183.85	0.00278	134.35	-190.92	0.00272

20NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00259	120.21	-205.06	0.00244
113.14	-212.13	0.00228	106.07	-219.20	0.00212
98.99	-226.27	0.00198	91.92	-233.35	0.00184
240.42	-98.99	0.00054	233.35	-106.07	0.00058
226.27	-113.14	0.00063	219.20	-120.21	0.00068
212.13	-127.28	0.00073	205.06	-134.35	0.00079
197.99	-141.42	0.00085	190.92	-148.49	0.00091
187.38	-152.03	0.00094	183.85	-155.56	0.00096
181.73	-157.68	0.00098	180.31	-159.10	0.00100
178.90	-160.51	0.00101	177.48	-161.93	0.00104
176.07	-163.34	0.00107	163.34	-176.07	0.00145
161.93	-177.48	0.00154	160.51	-178.90	0.00163
159.10	-180.31	0.00172	157.68	-181.73	0.00180
155.56	-183.85	0.00191	152.03	-187.38	0.00205
148.49	-190.92	0.00213	141.42	-197.99	0.00219
134.35	-205.06	0.00216	127.28	-212.13	0.00208
120.21	-219.20	0.00198	113.14	-226.27	0.00187
106.07	-233.35	0.00177	98.99	-240.42	0.00167
247.49	-106.07	0.00048	240.42	-113.14	0.00051
233.35	-120.21	0.00054	226.27	-127.28	0.00058
219.20	-134.35	0.00062	212.13	-141.42	0.00066
205.06	-148.49	0.00070	197.99	-155.56	0.00073
194.45	-159.10	0.00075	190.92	-162.63	0.00078
188.80	-164.76	0.00080	187.38	-166.17	0.00082
185.97	-167.58	0.00085	184.55	-169.00	0.00087
183.14	-170.41	0.00090	170.41	-183.14	0.00110
169.00	-184.55	0.00113	167.58	-185.97	0.00117
166.17	-187.38	0.00122	164.76	-188.80	0.00127

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
162.63	-190.92	0.00135	159.10	-194.45	0.00148
155.56	-197.99	0.00159	148.49	-205.06	0.00172
141.42	-212.13	0.00175	134.35	-219.20	0.00174
127.28	-226.27	0.00169	120.21	-233.35	0.00163
113.14	-240.42	0.00156	106.07	-247.49	0.00149

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 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 0.00661 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00661 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00661 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	-14.85, 27.58, 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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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 0.00661 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00661 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-130.81, 152.03, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-139.30, 157.68, 0.00,	1.20) DC	NA



		20NCRA NAPA01-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00654	AT (	-127.99,	140.71,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00653	AT (	-142.13,	154.86,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00810	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00808	AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00807	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00807	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00806	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00806	AT (	2.12,	16.26,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00806	AT (	-4.95,	23.33,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00805	AT (	-12.02,	30.41,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00805	AT (	-19.09,	37.48,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00805	AT (	-14.85,	27.58,	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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\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

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

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

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

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

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