

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 18:55:25

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\19NCRA\_NAPA00-300\_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
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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
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RE DISCCART	115.26	-139.3	1.2
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RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
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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
RE DISCCART	169.71	-113.14	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	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
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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
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	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
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
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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
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RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2000

ME UAIRDATA 4901 2000

ME STARTEND 2000 01 01 1 2000 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\19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\19NCRA\_NAPA00-300\_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\19NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\19NCRA-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:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

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

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for 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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\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

GROUP ID SOURCE IDs

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

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

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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);

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

\*\*MODELOPTs:  
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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);



19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_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      \*\*\*

18:55:26  
 \*\*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);

19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

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

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18:55:26

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_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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 \*\*\*

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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);

19NCRA\_NAPA00-300\_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);



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

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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)

( 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);

19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
PAGE 15

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);

19NCRA\_NAPA00-300\_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);

19NCRA\_NAPA00-300\_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 \*\*\*  
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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)

( 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);

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*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);

19NCRA\_NAPA00-300\_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      \*\*\*

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 \*\*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);



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:55:26  
\*\*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);

19NCRA\_NAPA00-300\_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 \*\*\*  
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\*\*\* 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

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



19NCRA\_NAPA00-300\_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)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	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	0.00006	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00006	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00004
-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	0.00007	-106.07	233.35	0.00007
-113.14	226.27	0.00006	-120.21	219.20	0.00006

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.28	212.13	0.00006	-134.35	205.06	0.00006
-141.42	197.99	0.00006	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005
-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00005
-177.48	161.93	0.00005	-178.90	160.51	0.00005
-180.31	159.10	0.00005	-181.73	157.68	0.00005
-183.85	155.56	0.00005	-187.38	152.03	0.00005
-190.92	148.49	0.00005	-197.99	141.42	0.00004
-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	0.00007	-99.00	226.27	0.00007
-106.07	219.20	0.00007	-113.14	212.13	0.00006
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00006	-141.42	183.85	0.00006
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

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

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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	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00004	-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	0.00008	-91.92	219.20	0.00007
-99.00	212.13	0.00007	-106.07	205.06	0.00007
-113.14	197.99	0.00007	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00006
-137.89	173.24	0.00006	-141.42	169.71	0.00006
-143.54	167.58	0.00006	-144.96	166.17	0.00006

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00004	-212.13	98.99	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00008	-84.85	212.13	0.00008
-91.92	205.06	0.00007	-99.00	197.99	0.00007
-106.07	190.92	0.00007	-113.14	183.85	0.00007
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00009	-77.78	205.06	0.00008
-84.85	197.99	0.00008	-91.92	190.92	0.00008
-98.99	183.85	0.00007	-106.07	176.78	0.00007
-113.14	169.71	0.00007	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

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

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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	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00006	-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	0.00004
-63.64	205.06	0.00009	-70.71	197.99	0.00009
-77.78	190.92	0.00008	-84.85	183.85	0.00008
-91.92	176.78	0.00008	-98.99	169.71	0.00007
-106.07	162.63	0.00007	-113.14	155.56	0.00007
-116.67	152.03	0.00007	-120.21	148.49	0.00007
-122.33	146.37	0.00007	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00006
-169.71	98.99	0.00005	-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	0.00010	-63.64	190.92	0.00009
-70.71	183.85	0.00009	-77.78	176.78	0.00008
-84.85	169.71	0.00008	-91.92	162.63	0.00008
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00006
-148.49	106.07	0.00006	-155.56	98.99	0.00006
-162.63	91.92	0.00006	-169.71	84.85	0.00005
-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 \*\*

		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00010	-56.57	183.85	0.00010
-63.64	176.78	0.00009	-70.71	169.71	0.00009
-77.78	162.63	0.00009	-84.85	155.56	0.00008
-91.92	148.49	0.00008	-98.99	141.42	0.00008
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00006
-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	0.00011	-49.50	176.78	0.00011
-56.57	169.71	0.00010	-63.64	162.63	0.00010
-70.71	155.56	0.00009	-77.78	148.49	0.00009
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00008	-98.99	127.28	0.00008
-101.12	125.16	0.00008	-102.53	123.74	0.00008
-103.94	122.33	0.00008	-105.36	120.92	0.00008
-106.77	119.50	0.00007	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00007
-127.28	98.99	0.00007	-130.81	95.46	0.00007
-134.35	91.92	0.00007	-141.42	84.85	0.00006
-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	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00012	-42.43	169.71	0.00011
-49.50	162.63	0.00011	-56.57	155.56	0.00010
-63.64	148.49	0.00010	-70.71	141.42	0.00009
-77.78	134.35	0.00009	-84.85	127.28	0.00009
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:55:26

\*\*MODELOPTS:



URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00007
-127.28	84.85	0.00007	-134.35	77.78	0.00007
-141.42	70.71	0.00006	-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	0.00013	-35.36	162.63	0.00012
-42.43	155.56	0.00012	-49.50	148.49	0.00011
-56.57	141.42	0.00011	-63.64	134.35	0.00010
-70.71	127.28	0.00010	-77.78	120.21	0.00009
-81.32	116.67	0.00009	-84.85	113.14	0.00009
-86.97	111.02	0.00009	-88.39	109.60	0.00009
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00008
-106.77	91.22	0.00008	-108.19	89.80	0.00008
-109.60	88.39	0.00008	-111.02	86.97	0.00008
-113.14	84.85	0.00008	-116.67	81.32	0.00007
-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	0.00014	-28.28	155.56	0.00013
-35.36	148.49	0.00013	-42.43	141.42	0.00012
-49.50	134.35	0.00011	-56.57	127.28	0.00011
-63.64	120.21	0.00010	-70.71	113.14	0.00010
-74.25	109.60	0.00010	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00008
-99.70	84.15	0.00008	-101.12	82.73	0.00008
-102.53	81.32	0.00008	-103.94	79.90	0.00008
-106.07	77.78	0.00008	-109.60	74.25	0.00008
-113.14	70.71	0.00008	-120.21	63.64	0.00007
-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	0.00006	-162.63	21.21	0.00006
-14.14	155.56	0.00016	-21.21	148.49	0.00015
-28.28	141.42	0.00014	-35.36	134.35	0.00013

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00012	-49.50	120.21	0.00011
-56.57	113.14	0.00011	-63.64	106.07	0.00010
-67.18	102.53	0.00010	-70.71	98.99	0.00010

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

18:55:26  
 \*\*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	0.00010	-74.25	95.46	0.00010
-75.66	94.05	0.00010	-77.07	92.63	0.00010
-78.49	91.22	0.00009	-91.22	78.49	0.00009
-92.63	77.07	0.00009	-94.05	75.66	0.00009
-95.46	74.25	0.00009	-96.87	72.83	0.00009
-98.99	70.71	0.00008	-102.53	67.18	0.00008
-106.07	63.64	0.00008	-113.14	56.57	0.00008
-120.21	49.50	0.00008	-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	0.00017	-14.14	141.42	0.00016
-21.21	134.35	0.00015	-28.28	127.28	0.00014
-35.36	120.21	0.00013	-42.43	113.14	0.00012
-49.50	106.07	0.00012	-56.57	98.99	0.00011
-60.10	95.46	0.00011	-63.64	91.92	0.00011
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00009
-85.56	70.00	0.00009	-86.97	68.59	0.00009
-88.39	67.18	0.00009	-89.80	65.76	0.00009
-91.92	63.64	0.00009	-95.46	60.10	0.00009
-98.99	56.57	0.00009	-106.07	49.50	0.00008
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00007	-134.35	21.21	0.00007
-141.42	14.14	0.00007	-148.49	7.07	0.00007
0.00	141.42	0.00019	-7.07	134.35	0.00017
-14.14	127.28	0.00016	-21.21	120.21	0.00015
-28.28	113.14	0.00014	-35.36	106.07	0.00013
-42.43	98.99	0.00013	-49.50	91.92	0.00012
-53.03	88.39	0.00012	-56.57	84.85	0.00011
-58.69	82.73	0.00011	-60.10	81.32	0.00011

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00010
-78.49	62.93	0.00010	-79.90	61.52	0.00010
-81.32	60.10	0.00010	-82.73	58.69	0.00010
-84.85	56.57	0.00010	-88.39	53.03	0.00009
-91.92	49.50	0.00009	-98.99	42.43	0.00009
-106.07	35.36	0.00009	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00007	-141.42	0.00	0.00007

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

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

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00011	-74.25	38.89	0.00011
-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	0.00008	-127.28	-14.14	0.00008
21.21	120.21	0.00025	14.14	113.14	0.00023
7.07	106.07	0.00022	0.00	98.99	0.00020
-7.07	91.92	0.00019	-14.14	84.85	0.00017
-21.21	77.78	0.00016	-28.28	70.71	0.00015
-31.82	67.18	0.00015	-35.36	63.64	0.00014
-37.48	61.52	0.00014	-38.89	60.10	0.00014
-40.31	58.69	0.00014	-41.72	57.28	0.00014
-43.13	55.86	0.00013	-55.86	43.13	0.00012
-57.28	41.72	0.00012	-58.69	40.31	0.00012
-60.10	38.89	0.00012	-61.52	37.48	0.00012

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

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

18:55:26

\*\*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	0.00012	-67.18	31.82	0.00011
-70.71	28.28	0.00011	-77.78	21.21	0.00011
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00029	21.21	106.07	0.00026
14.14	98.99	0.00024	7.07	91.92	0.00022
0.00	84.85	0.00020	-7.07	77.78	0.00019
-14.14	70.71	0.00018	-21.21	63.64	0.00016
-24.75	60.10	0.00016	-28.28	56.57	0.00015
-30.41	54.45	0.00015	-31.82	53.03	0.00015
-33.23	51.62	0.00015	-34.65	50.20	0.00015
-36.06	48.79	0.00015	-48.79	36.06	0.00013
-50.20	34.65	0.00013	-51.62	33.23	0.00013
-53.03	31.82	0.00013	-54.45	30.41	0.00013
-56.57	28.28	0.00013	-60.10	24.75	0.00012
-63.64	21.21	0.00012	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00010	-98.99	-14.14	0.00010

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00010
35.36	106.07	0.00032	28.28	98.99	0.00030
21.21	91.92	0.00027	14.14	84.85	0.00025
7.07	77.78	0.00023	0.00	70.71	0.00021
-7.07	63.64	0.00019	-14.14	56.57	0.00018
-17.68	53.03	0.00017	-21.21	49.50	0.00017
-23.33	47.38	0.00017	-24.75	45.96	0.00016
-26.16	44.55	0.00016	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00014
-43.13	27.58	0.00014	-44.55	26.16	0.00014
-45.96	24.75	0.00014	-47.38	23.33	0.00014
-49.50	21.21	0.00014	-53.03	17.68	0.00013
-56.57	14.14	0.00013	-63.64	7.07	0.00012
-70.71	0.00	0.00012	-77.78	-7.07	0.00011
-84.85	-14.14	0.00011	-91.92	-21.21	0.00011
-98.99	-28.28	0.00010	-106.07	-35.36	0.00010
42.43	98.99	0.00036	35.36	91.92	0.00033
28.28	84.85	0.00031	21.21	77.78	0.00028
14.14	70.71	0.00025	7.07	63.64	0.00023
0.00	56.57	0.00021	-7.07	49.50	0.00020
-10.61	45.96	0.00019	-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 \*\*\*

18:55:26

\*\*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	0.00018	-17.68	38.89	0.00018
-19.09	37.48	0.00018	-20.51	36.06	0.00017
-21.92	34.65	0.00017	-34.65	21.92	0.00016
-36.06	20.51	0.00015	-37.48	19.09	0.00015
-38.89	17.68	0.00015	-40.31	16.26	0.00015
-42.43	14.14	0.00015	-45.96	10.61	0.00014
-49.50	7.07	0.00014	-56.57	0.00	0.00013
-63.64	-7.07	0.00013	-70.71	-14.14	0.00012
-77.78	-21.21	0.00012	-84.85	-28.28	0.00011
-91.92	-35.36	0.00011	-98.99	-42.43	0.00011
49.50	91.92	0.00041	42.43	84.85	0.00038
35.36	77.78	0.00035	28.28	70.71	0.00031
21.21	63.64	0.00029	14.14	56.57	0.00026

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00024	0.00	42.43	0.00022
-3.54	38.89	0.00021	-7.07	35.36	0.00020
-9.19	33.23	0.00020	-10.61	31.82	0.00020
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00017
-28.99	13.44	0.00017	-30.41	12.02	0.00017
-31.82	10.61	0.00016	-33.23	9.19	0.00016
-35.36	7.07	0.00016	-38.89	3.54	0.00015
-42.43	0.00	0.00015	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00013
-70.71	-28.28	0.00013	-77.78	-35.36	0.00012
-84.85	-42.43	0.00012	-91.92	-49.50	0.00012
56.57	84.85	0.00047	49.50	77.78	0.00044
42.43	70.71	0.00040	35.36	63.64	0.00036
28.28	56.57	0.00032	21.21	49.50	0.00029
14.14	42.43	0.00027	7.07	35.36	0.00024
3.54	31.82	0.00023	0.00	28.28	0.00022
-2.12	26.16	0.00022	-3.54	24.75	0.00022
-4.95	23.33	0.00021	-6.36	21.92	0.00021
-7.78	20.51	0.00021	-20.51	7.78	0.00018
-21.92	6.36	0.00018	-23.33	4.95	0.00018
-24.75	3.54	0.00018	-26.16	2.12	0.00018
-28.28	0.00	0.00017	-31.82	-3.54	0.00017
-35.36	-7.07	0.00016	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00014
-63.64	-35.36	0.00014	-70.71	-42.43	0.00014
-77.78	-49.50	0.00013	-84.85	-56.57	0.00013

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 32  
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00054	56.57	70.71	0.00050
49.50	63.64	0.00046	42.43	56.57	0.00042
35.36	49.50	0.00037	28.28	42.43	0.00033
21.21	35.36	0.00030	14.14	28.28	0.00027
10.61	24.75	0.00026	7.07	21.21	0.00025
4.95	19.09	0.00024	3.54	17.68	0.00024
2.12	16.26	0.00024	0.71	14.85	0.00023

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00023	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00019
-21.21	-7.07	0.00019	-24.75	-10.61	0.00018
-28.28	-14.14	0.00018	-35.36	-21.21	0.00017
-42.43	-28.28	0.00016	-49.50	-35.36	0.00015
-56.57	-42.43	0.00015	-63.64	-49.50	0.00015
-70.71	-56.57	0.00015	-77.78	-63.64	0.00015
70.71	70.71	0.00062	63.64	63.64	0.00058
56.57	56.57	0.00054	49.50	49.50	0.00048
42.43	42.43	0.00043	35.36	35.36	0.00038
28.28	28.28	0.00034	21.21	21.21	0.00031
17.68	17.68	0.00029	14.14	14.14	0.00028
12.02	12.02	0.00027	10.61	10.61	0.00027
9.19	9.19	0.00026	7.78	7.78	0.00026
6.36	6.36	0.00025	-6.36	-6.36	0.00022
-7.78	-7.78	0.00022	-9.19	-9.19	0.00022
-10.61	-10.61	0.00021	-12.02	-12.02	0.00021
-14.14	-14.14	0.00021	-17.68	-17.68	0.00020
-21.21	-21.21	0.00020	-28.28	-28.28	0.00018
-35.36	-35.36	0.00018	-42.43	-42.43	0.00017
-49.50	-49.50	0.00017	-56.57	-56.57	0.00016
-63.64	-63.64	0.00016	-70.71	-70.71	0.00016
77.78	63.64	0.00070	70.71	56.57	0.00067
63.64	49.50	0.00063	56.57	42.43	0.00057
49.50	35.36	0.00051	42.43	28.28	0.00045
35.36	21.21	0.00039	28.28	14.14	0.00035
24.75	10.61	0.00033	21.21	7.07	0.00032
19.09	4.95	0.00031	17.68	3.54	0.00030
16.26	2.12	0.00030	14.85	0.71	0.00029
13.44	-0.71	0.00028	0.71	-13.44	0.00025
-0.71	-14.85	0.00024	-2.12	-16.26	0.00024
-3.54	-17.68	0.00024	-4.95	-19.09	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\_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	0.00023	-10.61	-24.75	0.00022

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00021	-21.21	-35.36	0.00020
-28.28	-42.43	0.00019	-35.36	-49.50	0.00019
-42.43	-56.57	0.00018	-49.50	-63.64	0.00018
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00080	77.78	49.50	0.00078
70.71	42.43	0.00074	63.64	35.36	0.00067
56.57	28.28	0.00060	49.50	21.21	0.00053
42.43	14.14	0.00046	35.36	7.07	0.00040
31.82	3.54	0.00038	28.28	0.00	0.00036
26.16	-2.12	0.00035	24.75	-3.54	0.00034
23.33	-4.95	0.00033	21.92	-6.36	0.00033
20.51	-7.78	0.00032	7.78	-20.51	0.00028
6.36	-21.92	0.00027	4.95	-23.33	0.00027
3.54	-24.75	0.00026	2.12	-26.16	0.00026
0.00	-28.28	0.00025	-3.54	-31.82	0.00025
-7.07	-35.36	0.00024	-14.14	-42.43	0.00022
-21.21	-49.50	0.00021	-28.28	-56.57	0.00021
-35.36	-63.64	0.00020	-42.43	-70.71	0.00020
-49.50	-77.78	0.00020	-56.57	-84.85	0.00020
91.92	49.50	0.00089	84.85	42.43	0.00090
77.78	35.36	0.00087	70.71	28.28	0.00080
63.64	21.21	0.00072	56.57	14.14	0.00063
49.50	7.07	0.00054	42.43	0.00	0.00047
38.89	-3.54	0.00044	35.36	-7.07	0.00041
33.23	-9.19	0.00040	31.82	-10.61	0.00039
30.41	-12.02	0.00038	28.99	-13.44	0.00037
27.58	-14.85	0.00037	14.85	-27.58	0.00031
13.44	-28.99	0.00030	12.02	-30.41	0.00030
10.61	-31.82	0.00029	9.19	-33.23	0.00029
7.07	-35.36	0.00028	3.54	-38.89	0.00027
0.00	-42.43	0.00026	-7.07	-49.50	0.00025
-14.14	-56.57	0.00024	-21.21	-63.64	0.00023
-28.28	-70.71	0.00023	-35.36	-77.78	0.00023
-42.43	-84.85	0.00022	-49.50	-91.92	0.00022
98.99	42.43	0.00099	91.92	35.36	0.00102
84.85	28.28	0.00101	77.78	21.21	0.00096
70.71	14.14	0.00088	63.64	7.07	0.00077
56.57	0.00	0.00065	49.50	-7.07	0.00056
45.96	-10.61	0.00052	42.43	-14.14	0.00048

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\_S1 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00046	38.89	-17.68	0.00045
37.48	-19.09	0.00044	36.06	-20.51	0.00043
34.65	-21.92	0.00042	21.92	-34.65	0.00035
20.51	-36.06	0.00034	19.09	-37.48	0.00034
17.68	-38.89	0.00033	16.26	-40.31	0.00033
14.14	-42.43	0.00032	10.61	-45.96	0.00031
7.07	-49.50	0.00029	0.00	-56.57	0.00028
-7.07	-63.64	0.00027	-14.14	-70.71	0.00026
-21.21	-77.78	0.00026	-28.28	-84.85	0.00026
-35.36	-91.92	0.00026	-42.43	-98.99	0.00026
106.07	35.36	0.00108	98.99	28.28	0.00114
91.92	21.21	0.00117	84.85	14.14	0.00115
77.78	7.07	0.00107	70.71	0.00	0.00095
63.64	-7.07	0.00081	56.57	-14.14	0.00068
53.03	-17.68	0.00062	49.50	-21.21	0.00057
47.38	-23.33	0.00055	45.96	-24.75	0.00053
44.55	-26.16	0.00051	43.13	-27.58	0.00050
41.72	-28.99	0.00049	28.99	-41.72	0.00040
27.58	-43.13	0.00039	26.16	-44.55	0.00038
24.75	-45.96	0.00038	23.33	-47.38	0.00037
21.21	-49.50	0.00036	17.68	-53.03	0.00034
14.14	-56.57	0.00033	7.07	-63.64	0.00031
0.00	-70.71	0.00031	-7.07	-77.78	0.00030
-14.14	-84.85	0.00030	-21.21	-91.92	0.00029
-28.28	-98.99	0.00030	-35.36	-106.07	0.00030
113.14	28.28	0.00116	106.07	21.21	0.00126
98.99	14.14	0.00133	91.92	7.07	0.00135
84.85	0.00	0.00131	77.78	-7.07	0.00119
70.71	-14.14	0.00101	63.64	-21.21	0.00084
60.10	-24.75	0.00076	56.57	-28.28	0.00069
54.45	-30.41	0.00065	53.03	-31.82	0.00063
51.62	-33.23	0.00061	50.20	-34.65	0.00059
48.79	-36.06	0.00057	36.06	-48.79	0.00046
34.65	-50.20	0.00045	33.23	-51.62	0.00044
31.82	-53.03	0.00043	30.41	-54.45	0.00042
28.28	-56.57	0.00041	24.75	-60.10	0.00039
21.21	-63.64	0.00038	14.14	-70.71	0.00036
7.07	-77.78	0.00035	0.00	-84.85	0.00035
-7.07	-91.92	0.00034	-14.14	-98.99	0.00035

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00035 -28.28 -113.14 0.00036

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	0.00123	113.14	14.14	0.00137
106.07	7.07	0.00148	98.99	0.00	0.00157
91.92	-7.07	0.00158	84.85	-14.14	0.00150
77.78	-21.21	0.00131	70.71	-28.28	0.00107
67.18	-31.82	0.00095	63.64	-35.36	0.00085
61.52	-37.48	0.00080	60.10	-38.89	0.00077
58.69	-40.31	0.00074	57.28	-41.72	0.00071
55.86	-43.13	0.00068	43.13	-55.86	0.00053
41.72	-57.28	0.00051	40.31	-58.69	0.00050
38.89	-60.10	0.00049	37.48	-61.52	0.00048
35.36	-63.64	0.00047	31.82	-67.18	0.00045
28.28	-70.71	0.00043	21.21	-77.78	0.00042
14.14	-84.85	0.00041	7.07	-91.92	0.00041
0.00	-98.99	0.00041	-7.07	-106.07	0.00042
-14.14	-113.14	0.00042	-21.21	-120.21	0.00043
127.28	14.14	0.00129	120.21	7.07	0.00146
113.14	0.00	0.00162	106.07	-7.07	0.00177
98.99	-14.14	0.00187	91.92	-21.21	0.00187
84.85	-28.28	0.00171	77.78	-35.36	0.00141
74.25	-38.89	0.00125	70.71	-42.43	0.00109
68.59	-44.55	0.00101	67.18	-45.96	0.00096
65.76	-47.38	0.00092	64.35	-48.79	0.00087
62.93	-50.20	0.00083	50.20	-62.93	0.00061
48.79	-64.35	0.00060	47.38	-65.76	0.00058
45.96	-67.18	0.00057	44.55	-68.59	0.00056
42.43	-70.71	0.00054	38.89	-74.25	0.00052
35.36	-77.78	0.00051	28.28	-84.85	0.00049
21.21	-91.92	0.00049	14.14	-98.99	0.00049
7.07	-106.07	0.00051	0.00	-113.14	0.00051
-7.07	-120.21	0.00051	-14.14	-127.28	0.00051
134.35	7.07	0.00134	127.28	0.00	0.00154
120.21	-7.07	0.00175	113.14	-14.14	0.00196
106.07	-21.21	0.00215	98.99	-28.28	0.00226

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00222	84.85	-42.43	0.00192
81.32	-45.96	0.00170	77.78	-49.50	0.00147
75.66	-51.62	0.00134	74.25	-53.03	0.00125
72.83	-54.45	0.00118	71.42	-55.86	0.00111
70.00	-57.28	0.00105	57.28	-70.00	0.00072
55.86	-71.42	0.00070	54.45	-72.83	0.00068
53.03	-74.25	0.00067	51.62	-75.66	0.00065

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00063	45.96	-81.32	0.00061
42.43	-84.85	0.00060	35.36	-91.92	0.00059
28.28	-98.99	0.00060	21.21	-106.07	0.00062
14.14	-113.14	0.00063	7.07	-120.21	0.00063
0.00	-127.28	0.00062	-7.07	-134.35	0.00061
141.42	0.00	0.00136	134.35	-7.07	0.00159
127.28	-14.14	0.00185	120.21	-21.21	0.00213
113.14	-28.28	0.00240	106.07	-35.36	0.00264
98.99	-42.43	0.00278	91.92	-49.50	0.00264
88.39	-53.03	0.00241	84.85	-56.57	0.00209
82.73	-58.69	0.00188	81.32	-60.10	0.00174
79.90	-61.52	0.00161	78.49	-62.93	0.00148
77.07	-64.35	0.00137	64.35	-77.07	0.00085
62.93	-78.49	0.00083	61.52	-79.90	0.00081
60.10	-81.32	0.00079	58.69	-82.73	0.00077
56.57	-84.85	0.00076	53.03	-88.39	0.00074
49.50	-91.92	0.00074	42.43	-98.99	0.00075
35.36	-106.07	0.00078	28.28	-113.14	0.00079
21.21	-120.21	0.00079	14.14	-127.28	0.00078
7.07	-134.35	0.00076	0.00	-141.42	0.00073
148.49	-7.07	0.00136	141.42	-14.14	0.00161
134.35	-21.21	0.00191	127.28	-28.28	0.00225
120.21	-35.36	0.00262	113.14	-42.43	0.00300
106.07	-49.50	0.00332	98.99	-56.57	0.00347
95.46	-60.10	0.00338	91.92	-63.64	0.00310
89.80	-65.76	0.00282	88.39	-67.18	0.00261
86.97	-68.59	0.00238	85.56	-70.00	0.00216

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00194	71.42	-84.15	0.00102
70.00	-85.56	0.00099	68.59	-86.97	0.00097
67.18	-88.39	0.00096	65.76	-89.80	0.00094
63.64	-91.92	0.00093	60.10	-95.46	0.00094
56.57	-98.99	0.00096	49.50	-106.07	0.00100
42.43	-113.14	0.00103	35.36	-120.21	0.00102
28.28	-127.28	0.00100	21.21	-134.35	0.00096
14.14	-141.42	0.00091	7.07	-148.49	0.00086
155.56	-14.14	0.00134	148.49	-21.21	0.00160
141.42	-28.28	0.00193	134.35	-35.36	0.00233
127.28	-42.43	0.00278	120.21	-49.50	0.00329
113.14	-56.57	0.00380	106.07	-63.64	0.00424
102.53	-67.18	0.00439	98.99	-70.71	0.00438

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	0.00426	95.46	-74.25	0.00409
94.05	-75.66	0.00384	92.63	-77.07	0.00351
91.22	-78.49	0.00313	78.49	-91.22	0.00126
77.07	-92.63	0.00124	75.66	-94.05	0.00122
74.25	-95.46	0.00122	72.83	-96.87	0.00123
70.71	-98.99	0.00125	67.18	-102.53	0.00129
63.64	-106.07	0.00133	56.57	-113.14	0.00137
49.50	-120.21	0.00136	42.43	-127.28	0.00131
35.36	-134.35	0.00124	28.28	-141.42	0.00116
21.21	-148.49	0.00108	14.14	-155.56	0.00100
162.63	-21.21	0.00131	155.56	-28.28	0.00157
148.49	-35.36	0.00191	141.42	-42.43	0.00234
134.35	-49.50	0.00287	127.28	-56.57	0.00348
120.21	-63.64	0.00416	113.14	-70.71	0.00487
109.60	-74.25	0.00522	106.07	-77.78	0.00552
103.94	-79.90	0.00565	102.53	-81.32	0.00569
101.12	-82.73	0.00569	99.70	-84.15	0.00560
98.29	-85.56	0.00537	85.56	-98.29	0.00178
84.15	-99.70	0.00180	82.73	-101.12	0.00182
81.32	-102.53	0.00183	79.90	-103.94	0.00185
77.78	-106.07	0.00187	74.25	-109.60	0.00189

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00190	63.64	-120.21	0.00185
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	0.00125	21.21	-162.63	0.00114
169.71	-28.28	0.00126	162.63	-35.36	0.00151
155.56	-42.43	0.00185	148.49	-49.50	0.00229
141.42	-56.57	0.00286	134.35	-63.64	0.00356
127.28	-70.71	0.00437	120.21	-77.78	0.00527
116.67	-81.32	0.00575	113.14	-84.85	0.00622
111.02	-86.97	0.00647	109.60	-88.39	0.00660
108.19	-89.80	0.00671	106.77	-91.22	0.00685
105.36	-92.63	0.00692	92.63	-105.36	0.00333
91.22	-106.77	0.00313	89.80	-108.19	0.00300
88.39	-109.60	0.00290	86.97	-111.02	0.00282
84.85	-113.14	0.00274	81.32	-116.67	0.00264
77.78	-120.21	0.00256	70.71	-127.28	0.00237
63.64	-134.35	0.00217	56.57	-141.42	0.00196
49.50	-148.49	0.00176	42.43	-155.56	0.00158
35.36	-162.63	0.00141	28.28	-169.71	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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\*\*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	0.00119	169.71	-42.43	0.00143
162.63	-49.50	0.00175	155.56	-56.57	0.00218
148.49	-63.64	0.00276	141.42	-70.71	0.00350
134.35	-77.78	0.00441	127.28	-84.85	0.00543
123.74	-88.39	0.00596	120.21	-91.92	0.00648
118.09	-94.05	0.00675	116.67	-95.46	0.00689
115.26	-96.87	0.00699	113.84	-98.29	0.00707
112.43	-99.70	0.00715	99.70	-112.43	0.00422
98.29	-113.84	0.00407	96.87	-115.26	0.00395
95.46	-116.67	0.00385	94.05	-118.09	0.00376
91.92	-120.21	0.00363	88.39	-123.74	0.00344
84.85	-127.28	0.00326	77.78	-134.35	0.00292
70.71	-141.42	0.00259	63.64	-148.49	0.00229
56.57	-155.56	0.00202	49.50	-162.63	0.00178
42.43	-169.71	0.00157	35.36	-176.78	0.00139

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00111	176.78	-49.50	0.00133
169.71	-56.57	0.00163	162.63	-63.64	0.00202
155.56	-70.71	0.00257	148.49	-77.78	0.00331
141.42	-84.85	0.00426	134.35	-91.92	0.00537
130.81	-95.46	0.00594	127.28	-98.99	0.00648
125.16	-101.12	0.00676	123.74	-102.53	0.00692
122.33	-103.94	0.00703	120.92	-105.36	0.00710
119.50	-106.77	0.00718	106.77	-119.50	0.00456
105.36	-120.92	0.00445	103.94	-122.33	0.00437
102.53	-123.74	0.00431	101.12	-125.16	0.00425
98.99	-127.28	0.00416	95.46	-130.81	0.00400
91.92	-134.35	0.00382	84.85	-141.42	0.00342
77.78	-148.49	0.00300	70.71	-155.56	0.00262
63.64	-162.63	0.00227	56.57	-169.71	0.00197
49.50	-176.78	0.00171	42.43	-183.85	0.00150
190.92	-49.50	0.00102	183.85	-56.57	0.00122
176.78	-63.64	0.00149	169.71	-70.71	0.00184
162.63	-77.78	0.00232	155.56	-84.85	0.00300
148.49	-91.92	0.00394	141.42	-98.99	0.00512
137.89	-102.53	0.00574	134.35	-106.07	0.00632
132.23	-108.19	0.00664	130.81	-109.60	0.00682
129.40	-111.02	0.00696	127.99	-112.43	0.00705
126.57	-113.84	0.00713	113.84	-126.57	0.00471
112.43	-127.99	0.00463	111.02	-129.40	0.00457
109.60	-130.81	0.00453	108.19	-132.23	0.00449

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

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\*\*MODELOPTs:

PAGE 39

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00443	102.53	-137.89	0.00431
98.99	-141.42	0.00416	91.92	-148.49	0.00377
84.85	-155.56	0.00332	77.78	-162.63	0.00288
70.71	-169.71	0.00247	63.64	-176.78	0.00212
56.57	-183.85	0.00183	49.50	-190.92	0.00159
197.99	-56.57	0.00092	190.92	-63.64	0.00110
183.85	-70.71	0.00133	176.78	-77.78	0.00163
169.71	-84.85	0.00204	162.63	-91.92	0.00262
155.56	-98.99	0.00346	148.49	-106.07	0.00464

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00533	141.42	-113.14	0.00601
139.30	-115.26	0.00637	137.89	-116.67	0.00658
136.47	-118.09	0.00676	135.06	-119.50	0.00689
133.64	-120.92	0.00697	120.92	-133.64	0.00476
119.50	-135.06	0.00469	118.09	-136.47	0.00465
116.67	-137.89	0.00462	115.26	-139.30	0.00460
113.14	-141.42	0.00455	109.60	-144.96	0.00446
106.07	-148.49	0.00433	98.99	-155.56	0.00396
91.92	-162.63	0.00351	84.85	-169.71	0.00304
77.78	-176.78	0.00260	70.71	-183.85	0.00223
63.64	-190.92	0.00192	56.57	-197.99	0.00166
205.06	-63.64	0.00082	197.99	-70.71	0.00097
190.92	-77.78	0.00116	183.85	-84.85	0.00141
176.78	-91.92	0.00175	169.71	-98.99	0.00221
162.63	-106.07	0.00289	155.56	-113.14	0.00393
152.03	-116.67	0.00464	148.49	-120.21	0.00542
146.37	-122.33	0.00587	144.96	-123.74	0.00614
143.54	-125.16	0.00637	142.13	-126.57	0.00655
140.71	-127.99	0.00668	127.99	-140.71	0.00473
126.57	-142.13	0.00467	125.16	-143.54	0.00465
123.74	-144.96	0.00463	122.33	-146.37	0.00461
120.21	-148.49	0.00457	116.67	-152.03	0.00449
113.14	-155.56	0.00437	106.07	-162.63	0.00400
98.99	-169.71	0.00354	91.92	-176.78	0.00308
84.85	-183.85	0.00265	77.78	-190.92	0.00227
70.71	-197.99	0.00195	63.64	-205.06	0.00169
212.13	-70.71	0.00073	205.06	-77.78	0.00085
197.99	-84.85	0.00100	190.92	-91.92	0.00119
183.85	-98.99	0.00145	176.78	-106.07	0.00180
169.71	-113.14	0.00231	162.63	-120.21	0.00309
159.10	-123.74	0.00367	155.56	-127.28	0.00442

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	0.00494	152.03	-130.81	0.00529
150.61	-132.23	0.00562	149.20	-133.64	0.00590
147.79	-135.06	0.00613	135.06	-147.79	0.00462

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00457	132.23	-150.61	0.00455
130.81	-152.03	0.00454	129.40	-153.44	0.00452
127.28	-155.56	0.00449	123.74	-159.10	0.00440
120.21	-162.63	0.00426	113.14	-169.71	0.00388
106.07	-176.78	0.00344	98.99	-183.85	0.00300
91.92	-190.92	0.00260	84.85	-197.99	0.00224
77.78	-205.06	0.00193	70.71	-212.13	0.00168
219.20	-77.78	0.00063	212.13	-84.85	0.00073
205.06	-91.92	0.00085	197.99	-98.99	0.00099
190.92	-106.07	0.00118	183.85	-113.14	0.00142
176.78	-120.21	0.00176	169.71	-127.28	0.00227
166.17	-130.81	0.00264	162.63	-134.35	0.00312
160.51	-136.47	0.00350	159.10	-137.89	0.00381
157.68	-139.30	0.00416	156.27	-140.71	0.00454
154.86	-142.13	0.00494	142.13	-154.86	0.00442
140.71	-156.27	0.00437	139.30	-157.68	0.00434
137.89	-159.10	0.00432	136.47	-160.51	0.00429
134.35	-162.63	0.00424	130.81	-166.17	0.00411
127.28	-169.71	0.00397	120.21	-176.78	0.00360
113.14	-183.85	0.00320	106.07	-190.92	0.00282
98.99	-197.99	0.00246	91.92	-205.06	0.00215
84.85	-212.13	0.00187	77.78	-219.20	0.00164
226.27	-84.85	0.00054	219.20	-91.92	0.00062
212.13	-98.99	0.00070	205.06	-106.07	0.00081
197.99	-113.14	0.00093	190.92	-120.21	0.00109
183.85	-127.28	0.00130	176.78	-134.35	0.00157
173.24	-137.89	0.00174	169.71	-141.42	0.00194
167.58	-143.54	0.00209	166.17	-144.96	0.00219
164.76	-146.37	0.00231	163.34	-147.79	0.00247
161.93	-149.20	0.00269	149.20	-161.93	0.00391
147.79	-163.34	0.00382	146.37	-164.76	0.00376
144.96	-166.17	0.00372	143.54	-167.58	0.00369
141.42	-169.71	0.00364	137.89	-173.24	0.00355
134.35	-176.78	0.00344	127.28	-183.85	0.00318
120.21	-190.92	0.00287	113.14	-197.99	0.00256
106.07	-205.06	0.00227	98.99	-212.13	0.00201
91.92	-219.20	0.00177	84.85	-226.27	0.00157

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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



19NCRA\_NAPA00-300\_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	0.00046	226.27	-98.99	0.00052	
219.20	-106.07	0.00058	212.13	-113.14	0.00065	
205.06	-120.21	0.00073	197.99	-127.28	0.00082	
190.92	-134.35	0.00093	183.85	-141.42	0.00105	
180.31	-144.96	0.00111	176.78	-148.49	0.00116	
174.66	-150.61	0.00118	173.24	-152.03	0.00119	
171.83	-153.44	0.00120	170.41	-154.86	0.00120	
169.00	-156.27	0.00120	156.27	-169.00	0.00234	
154.86	-170.41	0.00248	153.44	-171.83	0.00258	
152.03	-173.24	0.00265	150.61	-174.66	0.00271	
148.49	-176.78	0.00277	144.96	-180.31	0.00281	
141.42	-183.85	0.00280	134.35	-190.92	0.00268	
127.28	-197.99	0.00249	120.21	-205.06	0.00227	
113.14	-212.13	0.00205	106.07	-219.20	0.00184	
98.99	-226.27	0.00165	91.92	-233.35	0.00147	
240.42	-98.99	0.00039	233.35	-106.07	0.00043	
226.27	-113.14	0.00047	219.20	-120.21	0.00052	
212.13	-127.28	0.00057	205.06	-134.35	0.00063	
197.99	-141.42	0.00068	190.92	-148.49	0.00074	
187.38	-152.03	0.00076	183.85	-155.56	0.00078	
181.73	-157.68	0.00080	180.31	-159.10	0.00081	
178.90	-160.51	0.00083	177.48	-161.93	0.00085	
176.07	-163.34	0.00087	163.34	-176.07	0.00139	
161.93	-177.48	0.00149	160.51	-178.90	0.00159	
159.10	-180.31	0.00168	157.68	-181.73	0.00176	
155.56	-183.85	0.00187	152.03	-187.38	0.00201	
148.49	-190.92	0.00209	141.42	-197.99	0.00214	
134.35	-205.06	0.00207	127.28	-212.13	0.00195	
120.21	-219.20	0.00180	113.14	-226.27	0.00165	
106.07	-233.35	0.00150	98.99	-240.42	0.00136	
247.49	-106.07	0.00034	240.42	-113.14	0.00036	
233.35	-120.21	0.00039	226.27	-127.28	0.00042	
219.20	-134.35	0.00045	212.13	-141.42	0.00048	
205.06	-148.49	0.00052	197.99	-155.56	0.00055	
194.45	-159.10	0.00058	190.92	-162.63	0.00061	
188.80	-164.76	0.00063	187.38	-166.17	0.00065	
185.97	-167.58	0.00067	184.55	-169.00	0.00068	
183.14	-170.41	0.00070	170.41	-183.14	0.00099	
169.00	-184.55	0.00105	167.58	-185.97	0.00111	
166.17	-187.38	0.00117	164.76	-188.80	0.00122	

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	0.00130	159.10	-194.45	0.00141
155.56	-197.99	0.00150	148.49	-205.06	0.00162
141.42	-212.13	0.00164	134.35	-219.20	0.00160
127.28	-226.27	0.00153	120.21	-233.35	0.00144
113.14	-240.42	0.00133	106.07	-247.49	0.00123

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	0.00011	-113.14	240.42	0.00011
-120.21	233.35	0.00010	-127.28	226.27	0.00010
-134.35	219.20	0.00009	-141.42	212.13	0.00009
-148.49	205.06	0.00008	-155.56	197.99	0.00008
-159.10	194.45	0.00008	-162.63	190.92	0.00008
-164.76	188.80	0.00008	-166.17	187.38	0.00008
-167.58	185.97	0.00008	-169.00	184.55	0.00008
-170.41	183.14	0.00007	-183.14	170.41	0.00007
-184.55	169.00	0.00007	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00006
-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	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00012	-106.07	233.35	0.00011
-113.14	226.27	0.00011	-120.21	219.20	0.00010
-127.28	212.13	0.00010	-134.35	205.06	0.00009
-141.42	197.99	0.00009	-148.49	190.92	0.00009
-152.03	187.38	0.00008	-155.56	183.85	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00007	-197.99	141.42	0.00007
-205.06	134.35	0.00006	-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	0.00013	-99.00	226.27	0.00012
-106.07	219.20	0.00012	-113.14	212.13	0.00011
-120.21	205.06	0.00011	-127.28	197.99	0.00010
-134.35	190.92	0.00010	-141.42	183.85	0.00009
-144.96	180.31	0.00009	-148.49	176.78	0.00009
-150.61	174.66	0.00009	-152.03	173.24	0.00009
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00008
-170.41	154.86	0.00008	-171.83	153.44	0.00008
-173.24	152.03	0.00008	-174.66	150.61	0.00008

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

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00008	-180.31	144.96	0.00007
-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	0.00014	-91.92	219.20	0.00013
-99.00	212.13	0.00013	-106.07	205.06	0.00012
-113.14	197.99	0.00011	-120.21	190.92	0.00011
-127.28	183.85	0.00010	-134.35	176.78	0.00010
-137.89	173.24	0.00010	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00008
-163.34	147.79	0.00008	-164.76	146.37	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00008	-183.85	127.28	0.00007
-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	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00016	-84.85	212.13	0.00015
-91.92	205.06	0.00014	-99.00	197.99	0.00013
-106.07	190.92	0.00012	-113.14	183.85	0.00011
-120.21	176.78	0.00011	-127.28	169.71	0.00010
-130.81	166.17	0.00010	-134.35	162.63	0.00010
-136.47	160.51	0.00010	-137.89	159.10	0.00010
-139.30	157.68	0.00010	-140.71	156.27	0.00010
-142.13	154.86	0.00009	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00009	-160.51	136.47	0.00009
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00008	-176.78	120.21	0.00008
-183.85	113.14	0.00008	-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	0.00017	-77.78	205.06	0.00016
-84.85	197.99	0.00015	-91.92	190.92	0.00014
-98.99	183.85	0.00013	-106.07	176.78	0.00012
-113.14	169.71	0.00012	-120.21	162.63	0.00011
-123.74	159.10	0.00011	-127.28	155.56	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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00009
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009
-155.56	127.28	0.00009	-159.10	123.74	0.00009
-162.63	120.21	0.00009	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00019	-70.71	197.99	0.00017
-77.78	190.92	0.00016	-84.85	183.85	0.00015
-91.92	176.78	0.00014	-98.99	169.71	0.00013
-106.07	162.63	0.00013	-113.14	155.56	0.00012
-116.67	152.03	0.00012	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00010	-146.37	122.33	0.00010
-148.49	120.21	0.00010	-152.03	116.67	0.00009
-155.56	113.14	0.00009	-162.63	106.07	0.00009
-169.71	98.99	0.00009	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00021	-63.64	190.92	0.00019
-70.71	183.85	0.00018	-77.78	176.78	0.00017
-84.85	169.71	0.00015	-91.92	162.63	0.00014
-98.99	155.56	0.00014	-106.07	148.49	0.00013
-109.60	144.96	0.00013	-113.14	141.42	0.00012
-115.26	139.30	0.00012	-116.67	137.89	0.00012
-118.09	136.47	0.00012	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00011
-135.06	119.50	0.00011	-136.47	118.09	0.00010
-137.89	116.67	0.00010	-139.30	115.26	0.00010
-141.42	113.14	0.00010	-144.96	109.60	0.00010
-148.49	106.07	0.00010	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00008	-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      \*\*\*

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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
-49.50	190.92	0.00023	-56.57	183.85	0.00021
-63.64	176.78	0.00020	-70.71	169.71	0.00018

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00017	-84.85	155.56	0.00016
-91.92	148.49	0.00015	-98.99	141.42	0.00014
-102.53	137.89	0.00014	-106.07	134.35	0.00013
-108.19	132.23	0.00013	-109.60	130.81	0.00013
-111.02	129.40	0.00013	-112.43	127.99	0.00013
-113.84	126.57	0.00012	-126.57	113.84	0.00011
-127.99	112.43	0.00011	-129.40	111.02	0.00011
-130.81	109.60	0.00011	-132.23	108.19	0.00011
-134.35	106.07	0.00011	-137.89	102.53	0.00011
-141.42	98.99	0.00010	-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	0.00008	-190.92	49.50	0.00008
-42.43	183.85	0.00025	-49.50	176.78	0.00023
-56.57	169.71	0.00022	-63.64	162.63	0.00020
-70.71	155.56	0.00019	-77.78	148.49	0.00017
-84.85	141.42	0.00016	-91.92	134.35	0.00015
-95.46	130.81	0.00015	-98.99	127.28	0.00014
-101.12	125.16	0.00014	-102.53	123.74	0.00014
-103.94	122.33	0.00014	-105.36	120.92	0.00014
-106.77	119.50	0.00013	-119.50	106.77	0.00012
-120.92	105.36	0.00012	-122.33	103.94	0.00012
-123.74	102.53	0.00012	-125.16	101.12	0.00012
-127.28	98.99	0.00012	-130.81	95.46	0.00011
-134.35	91.92	0.00011	-141.42	84.85	0.00011
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00029	-42.43	169.71	0.00026
-49.50	162.63	0.00024	-56.57	155.56	0.00022
-63.64	148.49	0.00020	-70.71	141.42	0.00019
-77.78	134.35	0.00018	-84.85	127.28	0.00016
-88.39	123.74	0.00016	-91.92	120.21	0.00015
-94.05	118.09	0.00015	-95.46	116.67	0.00015
-96.87	115.26	0.00015	-98.29	113.84	0.00015
-99.70	112.43	0.00015	-112.43	99.70	0.00013
-113.84	98.29	0.00013	-115.26	96.87	0.00013
-116.67	95.46	0.00013	-118.09	94.05	0.00013

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

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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

\*\*\*

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00013	-123.74	88.39	0.00012
-127.28	84.85	0.00012	-134.35	77.78	0.00011
-141.42	70.71	0.00011	-148.49	63.64	0.00011
-155.56	56.57	0.00010	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00010
-28.28	169.71	0.00032	-35.36	162.63	0.00030
-42.43	155.56	0.00027	-49.50	148.49	0.00025
-56.57	141.42	0.00023	-63.64	134.35	0.00021
-70.71	127.28	0.00019	-77.78	120.21	0.00018
-81.32	116.67	0.00017	-84.85	113.14	0.00017
-86.97	111.02	0.00017	-88.39	109.60	0.00016
-89.80	108.19	0.00016	-91.22	106.77	0.00016
-92.63	105.36	0.00016	-105.36	92.63	0.00014
-106.77	91.22	0.00014	-108.19	89.80	0.00014
-109.60	88.39	0.00014	-111.02	86.97	0.00014
-113.14	84.85	0.00014	-116.67	81.32	0.00013
-120.21	77.78	0.00013	-127.28	70.71	0.00012
-134.35	63.64	0.00012	-141.42	56.57	0.00011
-148.49	49.50	0.00011	-155.56	42.43	0.00011
-162.63	35.36	0.00010	-169.71	28.28	0.00010
-21.21	162.63	0.00036	-28.28	155.56	0.00033
-35.36	148.49	0.00031	-42.43	141.42	0.00028
-49.50	134.35	0.00025	-56.57	127.28	0.00023
-63.64	120.21	0.00021	-70.71	113.14	0.00020
-74.25	109.60	0.00019	-77.78	106.07	0.00018
-79.90	103.94	0.00018	-81.32	102.53	0.00018
-82.73	101.12	0.00018	-84.15	99.70	0.00017
-85.56	98.29	0.00017	-98.29	85.56	0.00016
-99.70	84.15	0.00015	-101.12	82.73	0.00015
-102.53	81.32	0.00015	-103.94	79.90	0.00015
-106.07	77.78	0.00015	-109.60	74.25	0.00014
-113.14	70.71	0.00014	-120.21	63.64	0.00013
-127.28	56.57	0.00013	-134.35	49.50	0.00012
-141.42	42.43	0.00012	-148.49	35.36	0.00011
-155.56	28.28	0.00011	-162.63	21.21	0.00011
-14.14	155.56	0.00041	-21.21	148.49	0.00038
-28.28	141.42	0.00035	-35.36	134.35	0.00031
-42.43	127.28	0.00029	-49.50	120.21	0.00026
-56.57	113.14	0.00024	-63.64	106.07	0.00022
-67.18	102.53	0.00021	-70.71	98.99	0.00020

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

\*\*\* 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\_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	0.00020	-74.25	95.46	0.00020
-75.66	94.05	0.00019	-77.07	92.63	0.00019
-78.49	91.22	0.00019	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00017
-95.46	74.25	0.00016	-96.87	72.83	0.00016
-98.99	70.71	0.00016	-102.53	67.18	0.00015
-106.07	63.64	0.00015	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00013
-134.35	35.36	0.00013	-141.42	28.28	0.00012
-148.49	21.21	0.00012	-155.56	14.14	0.00012
-7.07	148.49	0.00047	-14.14	141.42	0.00044
-21.21	134.35	0.00040	-28.28	127.28	0.00036
-35.36	120.21	0.00032	-42.43	113.14	0.00029
-49.50	106.07	0.00027	-56.57	98.99	0.00024
-60.10	95.46	0.00023	-63.64	91.92	0.00022
-65.76	89.80	0.00022	-67.18	88.39	0.00022
-68.59	86.97	0.00021	-70.00	85.56	0.00021
-71.42	84.15	0.00021	-84.15	71.42	0.00018
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00018	-89.80	65.76	0.00018
-91.92	63.64	0.00017	-95.46	60.10	0.00017
-98.99	56.57	0.00016	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00014
-127.28	28.28	0.00014	-134.35	21.21	0.00014
-141.42	14.14	0.00013	-148.49	7.07	0.00013
0.00	141.42	0.00054	-7.07	134.35	0.00050
-14.14	127.28	0.00046	-21.21	120.21	0.00042
-28.28	113.14	0.00037	-35.36	106.07	0.00033
-42.43	98.99	0.00030	-49.50	91.92	0.00027
-53.03	88.39	0.00026	-56.57	84.85	0.00025
-58.69	82.73	0.00024	-60.10	81.32	0.00024
-61.52	79.90	0.00024	-62.93	78.49	0.00023
-64.35	77.07	0.00023	-77.07	64.35	0.00020
-78.49	62.93	0.00020	-79.90	61.52	0.00020



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00020	-82.73	58.69	0.00019
-84.85	56.57	0.00019	-88.39	53.03	0.00018
-91.92	49.50	0.00018	-98.99	42.43	0.00017
-106.07	35.36	0.00016	-113.14	28.28	0.00015
-120.21	21.21	0.00015	-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	0.00062	0.00	127.28	0.00058
-7.07	120.21	0.00054	-14.14	113.14	0.00048
-21.21	106.07	0.00043	-28.28	98.99	0.00038
-35.36	91.92	0.00034	-42.43	84.85	0.00031
-45.96	81.32	0.00029	-49.50	77.78	0.00028
-51.62	75.66	0.00027	-53.03	74.25	0.00027
-54.45	72.83	0.00026	-55.86	71.42	0.00026
-57.28	70.00	0.00025	-70.00	57.28	0.00022
-71.42	55.86	0.00022	-72.83	54.45	0.00022
-74.25	53.03	0.00021	-75.66	51.62	0.00021
-77.78	49.50	0.00021	-81.32	45.96	0.00020
-84.85	42.43	0.00020	-91.92	35.36	0.00018
-98.99	28.28	0.00018	-106.07	21.21	0.00017
-113.14	14.14	0.00017	-120.21	7.07	0.00016
-127.28	0.00	0.00016	-134.35	-7.07	0.00016
14.14	127.28	0.00070	7.07	120.21	0.00067
0.00	113.14	0.00063	-7.07	106.07	0.00057
-14.14	98.99	0.00051	-21.21	91.92	0.00045
-28.28	84.85	0.00039	-35.36	77.78	0.00035
-38.89	74.25	0.00033	-42.43	70.71	0.00032
-44.55	68.59	0.00031	-45.96	67.18	0.00030
-47.38	65.76	0.00030	-48.79	64.35	0.00029
-50.20	62.93	0.00028	-62.93	50.20	0.00025
-64.35	48.79	0.00024	-65.76	47.38	0.00024
-67.18	45.96	0.00024	-68.59	44.55	0.00023
-70.71	42.43	0.00023	-74.25	38.89	0.00022
-77.78	35.36	0.00021	-84.85	28.28	0.00020
-91.92	21.21	0.00019	-98.99	14.14	0.00019

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00018	-113.14	0.00	0.00018
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00080	14.14	113.14	0.00078
7.07	106.07	0.00074	0.00	98.99	0.00067
-7.07	91.92	0.00060	-14.14	84.85	0.00053
-21.21	77.78	0.00046	-28.28	70.71	0.00040
-31.82	67.18	0.00038	-35.36	63.64	0.00036
-37.48	61.52	0.00035	-38.89	60.10	0.00034
-40.31	58.69	0.00033	-41.72	57.28	0.00033
-43.13	55.86	0.00032	-55.86	43.13	0.00028
-57.28	41.72	0.00027	-58.69	40.31	0.00027
-60.10	38.89	0.00026	-61.52	37.48	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
-63.64	35.36	0.00025	-67.18	31.82	0.00025
-70.71	28.28	0.00024	-77.78	21.21	0.00022
-84.85	14.14	0.00021	-91.92	7.07	0.00021
-98.99	0.00	0.00020	-106.07	-7.07	0.00020
-113.14	-14.14	0.00020	-120.21	-21.21	0.00020
28.28	113.14	0.00089	21.21	106.07	0.00090
14.14	98.99	0.00087	7.07	91.92	0.00080
0.00	84.85	0.00072	-7.07	77.78	0.00063
-14.14	70.71	0.00054	-21.21	63.64	0.00047
-24.75	60.10	0.00044	-28.28	56.57	0.00041
-30.41	54.45	0.00040	-31.82	53.03	0.00039
-33.23	51.62	0.00038	-34.65	50.20	0.00037
-36.06	48.79	0.00037	-48.79	36.06	0.00031
-50.20	34.65	0.00030	-51.62	33.23	0.00030
-53.03	31.82	0.00029	-54.45	30.41	0.00029
-56.57	28.28	0.00028	-60.10	24.75	0.00027
-63.64	21.21	0.00026	-70.71	14.14	0.00025
-77.78	7.07	0.00024	-84.85	0.00	0.00023
-91.92	-7.07	0.00023	-98.99	-14.14	0.00023
-106.07	-21.21	0.00022	-113.14	-28.28	0.00022
35.36	106.07	0.00099	28.28	98.99	0.00102
21.21	91.92	0.00101	14.14	84.85	0.00096

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00088	0.00	70.71	0.00077
-7.07	63.64	0.00065	-14.14	56.57	0.00056
-17.68	53.03	0.00052	-21.21	49.50	0.00048
-23.33	47.38	0.00046	-24.75	45.96	0.00045
-26.16	44.55	0.00044	-27.58	43.13	0.00043
-28.99	41.72	0.00042	-41.72	28.99	0.00035
-43.13	27.58	0.00034	-44.55	26.16	0.00034
-45.96	24.75	0.00033	-47.38	23.33	0.00033
-49.50	21.21	0.00032	-53.03	17.68	0.00031
-56.57	14.14	0.00029	-63.64	7.07	0.00028
-70.71	0.00	0.00027	-77.78	-7.07	0.00026
-84.85	-14.14	0.00026	-91.92	-21.21	0.00026
-98.99	-28.28	0.00026	-106.07	-35.36	0.00026
42.43	98.99	0.00108	35.36	91.92	0.00114
28.28	84.85	0.00117	21.21	77.78	0.00115
14.14	70.71	0.00107	7.07	63.64	0.00095
0.00	56.57	0.00081	-7.07	49.50	0.00068
-10.61	45.96	0.00062	-14.14	42.43	0.00057

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
-16.26	40.31	0.00055	-17.68	38.89	0.00053
-19.09	37.48	0.00051	-20.51	36.06	0.00050
-21.92	34.65	0.00049	-34.65	21.92	0.00040
-36.06	20.51	0.00039	-37.48	19.09	0.00038
-38.89	17.68	0.00038	-40.31	16.26	0.00037
-42.43	14.14	0.00036	-45.96	10.61	0.00034
-49.50	7.07	0.00033	-56.57	0.00	0.00031
-63.64	-7.07	0.00031	-70.71	-14.14	0.00030
-77.78	-21.21	0.00030	-84.85	-28.28	0.00029
-91.92	-35.36	0.00030	-98.99	-42.43	0.00030
49.50	91.92	0.00116	42.43	84.85	0.00126
35.36	77.78	0.00133	28.28	70.71	0.00135
21.21	63.64	0.00131	14.14	56.57	0.00119
7.07	49.50	0.00101	0.00	42.43	0.00084
-3.54	38.89	0.00076	-7.07	35.36	0.00069
-9.19	33.23	0.00065	-10.61	31.82	0.00063

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00061	-13.44	28.99	0.00059
-14.85	27.58	0.00057	-27.58	14.85	0.00046
-28.99	13.44	0.00045	-30.41	12.02	0.00044
-31.82	10.61	0.00043	-33.23	9.19	0.00042
-35.36	7.07	0.00041	-38.89	3.54	0.00039
-42.43	0.00	0.00038	-49.50	-7.07	0.00036
-56.57	-14.14	0.00035	-63.64	-21.21	0.00035
-70.71	-28.28	0.00034	-77.78	-35.36	0.00035
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036
56.57	84.85	0.00123	49.50	77.78	0.00137
42.43	70.71	0.00148	35.36	63.64	0.00157
28.28	56.57	0.00158	21.21	49.50	0.00150
14.14	42.43	0.00131	7.07	35.36	0.00107
3.54	31.82	0.00095	0.00	28.28	0.00085
-2.12	26.16	0.00080	-3.54	24.75	0.00077
-4.95	23.33	0.00074	-6.36	21.92	0.00071
-7.78	20.51	0.00068	-20.51	7.78	0.00053
-21.92	6.36	0.00051	-23.33	4.95	0.00050
-24.75	3.54	0.00049	-26.16	2.12	0.00048
-28.28	0.00	0.00047	-31.82	-3.54	0.00045
-35.36	-7.07	0.00043	-42.43	-14.14	0.00042
-49.50	-21.21	0.00041	-56.57	-28.28	0.00041
-63.64	-35.36	0.00041	-70.71	-42.43	0.00042
-77.78	-49.50	0.00042	-84.85	-56.57	0.00043

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00129	56.57	70.71	0.00146
49.50	63.64	0.00162	42.43	56.57	0.00177
35.36	49.50	0.00187	28.28	42.43	0.00187
21.21	35.36	0.00171	14.14	28.28	0.00141
10.61	24.75	0.00125	7.07	21.21	0.00109
4.95	19.09	0.00101	3.54	17.68	0.00096
2.12	16.26	0.00092	0.71	14.85	0.00087
-0.71	13.44	0.00083	-13.44	0.71	0.00061
-14.85	-0.71	0.00060	-16.26	-2.12	0.00058
-17.68	-3.54	0.00057	-19.09	-4.95	0.00056

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00054	-24.75	-10.61	0.00052
-28.28	-14.14	0.00051	-35.36	-21.21	0.00049
-42.43	-28.28	0.00049	-49.50	-35.36	0.00049
-56.57	-42.43	0.00051	-63.64	-49.50	0.00051
-70.71	-56.57	0.00051	-77.78	-63.64	0.00051
70.71	70.71	0.00134	63.64	63.64	0.00154
56.57	56.57	0.00175	49.50	49.50	0.00196
42.43	42.43	0.00215	35.36	35.36	0.00226
28.28	28.28	0.00222	21.21	21.21	0.00192
17.68	17.68	0.00170	14.14	14.14	0.00147
12.02	12.02	0.00134	10.61	10.61	0.00125
9.19	9.19	0.00118	7.78	7.78	0.00111
6.36	6.36	0.00105	-6.36	-6.36	0.00072
-7.78	-7.78	0.00070	-9.19	-9.19	0.00068
-10.61	-10.61	0.00067	-12.02	-12.02	0.00065
-14.14	-14.14	0.00063	-17.68	-17.68	0.00061
-21.21	-21.21	0.00060	-28.28	-28.28	0.00059
-35.36	-35.36	0.00060	-42.43	-42.43	0.00062
-49.50	-49.50	0.00063	-56.57	-56.57	0.00063
-63.64	-63.64	0.00062	-70.71	-70.71	0.00061
77.78	63.64	0.00136	70.71	56.57	0.00159
63.64	49.50	0.00185	56.57	42.43	0.00213
49.50	35.36	0.00240	42.43	28.28	0.00264
35.36	21.21	0.00278	28.28	14.14	0.00264
24.75	10.61	0.00241	21.21	7.07	0.00209
19.09	4.95	0.00188	17.68	3.54	0.00174
16.26	2.12	0.00161	14.85	0.71	0.00148
13.44	-0.71	0.00137	0.71	-13.44	0.00085
-0.71	-14.85	0.00083	-2.12	-16.26	0.00081
-3.54	-17.68	0.00079	-4.95	-19.09	0.00077

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

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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	-21.21	0.00076	-10.61	-24.75	0.00074
-14.14	-28.28	0.00074	-21.21	-35.36	0.00075
-28.28	-42.43	0.00078	-35.36	-49.50	0.00079
-42.43	-56.57	0.00079	-49.50	-63.64	0.00078

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00076	-63.64	-77.78	0.00073
84.85	56.57	0.00136	77.78	49.50	0.00161
70.71	42.43	0.00191	63.64	35.36	0.00225
56.57	28.28	0.00262	49.50	21.21	0.00300
42.43	14.14	0.00332	35.36	7.07	0.00347
31.82	3.54	0.00338	28.28	0.00	0.00310
26.16	-2.12	0.00282	24.75	-3.54	0.00261
23.33	-4.95	0.00238	21.92	-6.36	0.00216
20.51	-7.78	0.00194	7.78	-20.51	0.00102
6.36	-21.92	0.00099	4.95	-23.33	0.00097
3.54	-24.75	0.00096	2.12	-26.16	0.00094
0.00	-28.28	0.00093	-3.54	-31.82	0.00094
-7.07	-35.36	0.00096	-14.14	-42.43	0.00100
-21.21	-49.50	0.00103	-28.28	-56.57	0.00102
-35.36	-63.64	0.00100	-42.43	-70.71	0.00096
-49.50	-77.78	0.00091	-56.57	-84.85	0.00086
91.92	49.50	0.00134	84.85	42.43	0.00160
77.78	35.36	0.00193	70.71	28.28	0.00233
63.64	21.21	0.00278	56.57	14.14	0.00329
49.50	7.07	0.00380	42.43	0.00	0.00424
38.89	-3.54	0.00439	35.36	-7.07	0.00438
33.23	-9.19	0.00426	31.82	-10.61	0.00409
30.41	-12.02	0.00384	28.99	-13.44	0.00351
27.58	-14.85	0.00313	14.85	-27.58	0.00126
13.44	-28.99	0.00124	12.02	-30.41	0.00122
10.61	-31.82	0.00122	9.19	-33.23	0.00123
7.07	-35.36	0.00125	3.54	-38.89	0.00129
0.00	-42.43	0.00133	-7.07	-49.50	0.00137
-14.14	-56.57	0.00136	-21.21	-63.64	0.00131
-28.28	-70.71	0.00124	-35.36	-77.78	0.00116
-42.43	-84.85	0.00108	-49.50	-91.92	0.00100
98.99	42.43	0.00131	91.92	35.36	0.00157
84.85	28.28	0.00191	77.78	21.21	0.00234
70.71	14.14	0.00287	63.64	7.07	0.00348
56.57	0.00	0.00416	49.50	-7.07	0.00487
45.96	-10.61	0.00522	42.43	-14.14	0.00552

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 \*\*\*

19NCRA\_NAPA00-300\_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	0.00565	38.89	-17.68	0.00569
37.48	-19.09	0.00569	36.06	-20.51	0.00560
34.65	-21.92	0.00537	21.92	-34.65	0.00178
20.51	-36.06	0.00180	19.09	-37.48	0.00182
17.68	-38.89	0.00183	16.26	-40.31	0.00185
14.14	-42.43	0.00187	10.61	-45.96	0.00189
7.07	-49.50	0.00190	0.00	-56.57	0.00185
-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	0.00125	-42.43	-98.99	0.00114
106.07	35.36	0.00126	98.99	28.28	0.00151
91.92	21.21	0.00185	84.85	14.14	0.00229
77.78	7.07	0.00286	70.71	0.00	0.00356
63.64	-7.07	0.00437	56.57	-14.14	0.00527
53.03	-17.68	0.00575	49.50	-21.21	0.00622
47.38	-23.33	0.00647	45.96	-24.75	0.00660
44.55	-26.16	0.00671	43.13	-27.58	0.00685
41.72	-28.99	0.00692	28.99	-41.72	0.00333
27.58	-43.13	0.00313	26.16	-44.55	0.00300
24.75	-45.96	0.00290	23.33	-47.38	0.00282
21.21	-49.50	0.00274	17.68	-53.03	0.00264
14.14	-56.57	0.00256	7.07	-63.64	0.00237
0.00	-70.71	0.00217	-7.07	-77.78	0.00196
-14.14	-84.85	0.00176	-21.21	-91.92	0.00158
-28.28	-98.99	0.00141	-35.36	-106.07	0.00127
113.14	28.28	0.00119	106.07	21.21	0.00143
98.99	14.14	0.00175	91.92	7.07	0.00218
84.85	0.00	0.00276	77.78	-7.07	0.00350
70.71	-14.14	0.00441	63.64	-21.21	0.00543
60.10	-24.75	0.00596	56.57	-28.28	0.00648
54.45	-30.41	0.00675	53.03	-31.82	0.00689
51.62	-33.23	0.00699	50.20	-34.65	0.00707
48.79	-36.06	0.00715	36.06	-48.79	0.00422
34.65	-50.20	0.00407	33.23	-51.62	0.00395
31.82	-53.03	0.00385	30.41	-54.45	0.00376
28.28	-56.57	0.00363	24.75	-60.10	0.00344
21.21	-63.64	0.00326	14.14	-70.71	0.00292
7.07	-77.78	0.00259	0.00	-84.85	0.00229
-7.07	-91.92	0.00202	-14.14	-98.99	0.00178
-21.21	-106.07	0.00157	-28.28	-113.14	0.00139

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:55:26

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00111	113.14	14.14	0.00133	
106.07	7.07	0.00163	98.99	0.00	0.00202	
91.92	-7.07	0.00257	84.85	-14.14	0.00331	
77.78	-21.21	0.00426	70.71	-28.28	0.00537	
67.18	-31.82	0.00594	63.64	-35.36	0.00648	
61.52	-37.48	0.00676	60.10	-38.89	0.00692	
58.69	-40.31	0.00703	57.28	-41.72	0.00710	
55.86	-43.13	0.00718	43.13	-55.86	0.00456	
41.72	-57.28	0.00445	40.31	-58.69	0.00437	
38.89	-60.10	0.00431	37.48	-61.52	0.00425	
35.36	-63.64	0.00416	31.82	-67.18	0.00400	
28.28	-70.71	0.00382	21.21	-77.78	0.00342	
14.14	-84.85	0.00300	7.07	-91.92	0.00262	
0.00	-98.99	0.00227	-7.07	-106.07	0.00197	
-14.14	-113.14	0.00171	-21.21	-120.21	0.00150	
127.28	14.14	0.00102	120.21	7.07	0.00122	
113.14	0.00	0.00149	106.07	-7.07	0.00184	
98.99	-14.14	0.00232	91.92	-21.21	0.00300	
84.85	-28.28	0.00394	77.78	-35.36	0.00512	
74.25	-38.89	0.00574	70.71	-42.43	0.00632	
68.59	-44.55	0.00664	67.18	-45.96	0.00682	
65.76	-47.38	0.00696	64.35	-48.79	0.00705	
62.93	-50.20	0.00713	50.20	-62.93	0.00471	
48.79	-64.35	0.00463	47.38	-65.76	0.00457	
45.96	-67.18	0.00453	44.55	-68.59	0.00449	
42.43	-70.71	0.00443	38.89	-74.25	0.00431	
35.36	-77.78	0.00416	28.28	-84.85	0.00377	
21.21	-91.92	0.00332	14.14	-98.99	0.00288	
7.07	-106.07	0.00247	0.00	-113.14	0.00212	
-7.07	-120.21	0.00183	-14.14	-127.28	0.00159	
134.35	7.07	0.00092	127.28	0.00	0.00110	
120.21	-7.07	0.00133	113.14	-14.14	0.00163	
106.07	-21.21	0.00204	98.99	-28.28	0.00262	
91.92	-35.36	0.00346	84.85	-42.43	0.00464	
81.32	-45.96	0.00533	77.78	-49.50	0.00601	
75.66	-51.62	0.00637	74.25	-53.03	0.00658	



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00676	71.42	-55.86	0.00689
70.00	-57.28	0.00697	57.28	-70.00	0.00476
55.86	-71.42	0.00469	54.45	-72.83	0.00465
53.03	-74.25	0.00462	51.62	-75.66	0.00460

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

18:55:26  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00455	45.96	-81.32	0.00446
42.43	-84.85	0.00433	35.36	-91.92	0.00396
28.28	-98.99	0.00351	21.21	-106.07	0.00304
14.14	-113.14	0.00260	7.07	-120.21	0.00223
0.00	-127.28	0.00192	-7.07	-134.35	0.00166
141.42	0.00	0.00082	134.35	-7.07	0.00097
127.28	-14.14	0.00116	120.21	-21.21	0.00141
113.14	-28.28	0.00175	106.07	-35.36	0.00221
98.99	-42.43	0.00289	91.92	-49.50	0.00393
88.39	-53.03	0.00464	84.85	-56.57	0.00542
82.73	-58.69	0.00587	81.32	-60.10	0.00614
79.90	-61.52	0.00637	78.49	-62.93	0.00655
77.07	-64.35	0.00668	64.35	-77.07	0.00473
62.93	-78.49	0.00467	61.52	-79.90	0.00465
60.10	-81.32	0.00463	58.69	-82.73	0.00461
56.57	-84.85	0.00457	53.03	-88.39	0.00449
49.50	-91.92	0.00437	42.43	-98.99	0.00400
35.36	-106.07	0.00354	28.28	-113.14	0.00308
21.21	-120.21	0.00265	14.14	-127.28	0.00227
7.07	-134.35	0.00195	0.00	-141.42	0.00169
148.49	-7.07	0.00073	141.42	-14.14	0.00085
134.35	-21.21	0.00100	127.28	-28.28	0.00119
120.21	-35.36	0.00145	113.14	-42.43	0.00180
106.07	-49.50	0.00231	98.99	-56.57	0.00309
95.46	-60.10	0.00367	91.92	-63.64	0.00442
89.80	-65.76	0.00494	88.39	-67.18	0.00529
86.97	-68.59	0.00562	85.56	-70.00	0.00590
84.15	-71.42	0.00613	71.42	-84.15	0.00462
70.00	-85.56	0.00457	68.59	-86.97	0.00455
67.18	-88.39	0.00454	65.76	-89.80	0.00452

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00449	60.10	-95.46	0.00440
56.57	-98.99	0.00426	49.50	-106.07	0.00388
42.43	-113.14	0.00344	35.36	-120.21	0.00300
28.28	-127.28	0.00260	21.21	-134.35	0.00224
14.14	-141.42	0.00193	7.07	-148.49	0.00168
155.56	-14.14	0.00063	148.49	-21.21	0.00073
141.42	-28.28	0.00085	134.35	-35.36	0.00099
127.28	-42.43	0.00118	120.21	-49.50	0.00142
113.14	-56.57	0.00176	106.07	-63.64	0.00227
102.53	-67.18	0.00264	98.99	-70.71	0.00312

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	0.00350	95.46	-74.25	0.00381
94.05	-75.66	0.00416	92.63	-77.07	0.00454
91.22	-78.49	0.00494	78.49	-91.22	0.00442
77.07	-92.63	0.00437	75.66	-94.05	0.00434
74.25	-95.46	0.00432	72.83	-96.87	0.00429
70.71	-98.99	0.00424	67.18	-102.53	0.00411
63.64	-106.07	0.00397	56.57	-113.14	0.00360
49.50	-120.21	0.00320	42.43	-127.28	0.00282
35.36	-134.35	0.00246	28.28	-141.42	0.00215
21.21	-148.49	0.00187	14.14	-155.56	0.00164
162.63	-21.21	0.00054	155.56	-28.28	0.00062
148.49	-35.36	0.00070	141.42	-42.43	0.00081
134.35	-49.50	0.00093	127.28	-56.57	0.00109
120.21	-63.64	0.00130	113.14	-70.71	0.00157
109.60	-74.25	0.00174	106.07	-77.78	0.00194
103.94	-79.90	0.00209	102.53	-81.32	0.00219
101.12	-82.73	0.00231	99.70	-84.15	0.00247
98.29	-85.56	0.00269	85.56	-98.29	0.00391
84.15	-99.70	0.00382	82.73	-101.12	0.00376
81.32	-102.53	0.00372	79.90	-103.94	0.00369
77.78	-106.07	0.00364	74.25	-109.60	0.00355
70.71	-113.14	0.00344	63.64	-120.21	0.00318
56.57	-127.28	0.00287	49.50	-134.35	0.00256
42.43	-141.42	0.00227	35.36	-148.49	0.00201

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00177	21.21	-162.63	0.00157
169.71	-28.28	0.00046	162.63	-35.36	0.00052
155.56	-42.43	0.00058	148.49	-49.50	0.00065
141.42	-56.57	0.00073	134.35	-63.64	0.00082
127.28	-70.71	0.00093	120.21	-77.78	0.00105
116.67	-81.32	0.00111	113.14	-84.85	0.00116
111.02	-86.97	0.00118	109.60	-88.39	0.00119
108.19	-89.80	0.00120	106.77	-91.22	0.00120
105.36	-92.63	0.00120	92.63	-105.36	0.00234
91.22	-106.77	0.00248	89.80	-108.19	0.00258
88.39	-109.60	0.00265	86.97	-111.02	0.00271
84.85	-113.14	0.00277	81.32	-116.67	0.00281
77.78	-120.21	0.00280	70.71	-127.28	0.00268
63.64	-134.35	0.00249	56.57	-141.42	0.00227
49.50	-148.49	0.00205	42.43	-155.56	0.00184
35.36	-162.63	0.00165	28.28	-169.71	0.00147

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	0.00039	169.71	-42.43	0.00043
162.63	-49.50	0.00047	155.56	-56.57	0.00052
148.49	-63.64	0.00057	141.42	-70.71	0.00063
134.35	-77.78	0.00068	127.28	-84.85	0.00074
123.74	-88.39	0.00076	120.21	-91.92	0.00078
118.09	-94.05	0.00080	116.67	-95.46	0.00081
115.26	-96.87	0.00083	113.84	-98.29	0.00085
112.43	-99.70	0.00087	99.70	-112.43	0.00139
98.29	-113.84	0.00149	96.87	-115.26	0.00159
95.46	-116.67	0.00168	94.05	-118.09	0.00176
91.92	-120.21	0.00187	88.39	-123.74	0.00201
84.85	-127.28	0.00209	77.78	-134.35	0.00214
70.71	-141.42	0.00207	63.64	-148.49	0.00195
56.57	-155.56	0.00180	49.50	-162.63	0.00165
42.43	-169.71	0.00150	35.36	-176.78	0.00136
183.85	-42.43	0.00034	176.78	-49.50	0.00036
169.71	-56.57	0.00039	162.63	-63.64	0.00042
155.56	-70.71	0.00045	148.49	-77.78	0.00048

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00052	134.35	-91.92	0.00055
130.81	-95.46	0.00058	127.28	-98.99	0.00061
125.16	-101.12	0.00063	123.74	-102.53	0.00065
122.33	-103.94	0.00067	120.92	-105.36	0.00068
119.50	-106.77	0.00070	106.77	-119.50	0.00099
105.36	-120.92	0.00105	103.94	-122.33	0.00111
102.53	-123.74	0.00117	101.12	-125.16	0.00122
98.99	-127.28	0.00130	95.46	-130.81	0.00141
91.92	-134.35	0.00150	84.85	-141.42	0.00162
77.78	-148.49	0.00164	70.71	-155.56	0.00160
63.64	-162.63	0.00153	56.57	-169.71	0.00144
49.50	-176.78	0.00133	42.43	-183.85	0.00123
190.92	-49.50	0.00028	183.85	-56.57	0.00030
176.78	-63.64	0.00032	169.71	-70.71	0.00034
162.63	-77.78	0.00036	155.56	-84.85	0.00039
148.49	-91.92	0.00041	141.42	-98.99	0.00045
137.89	-102.53	0.00048	134.35	-106.07	0.00051
132.23	-108.19	0.00053	130.81	-109.60	0.00054
129.40	-111.02	0.00055	127.99	-112.43	0.00056
126.57	-113.84	0.00057	113.84	-126.57	0.00075
112.43	-127.99	0.00079	111.02	-129.40	0.00083
109.60	-130.81	0.00087	108.19	-132.23	0.00091

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	0.00096	102.53	-137.89	0.00104
98.99	-141.42	0.00110	91.92	-148.49	0.00121
84.85	-155.56	0.00127	77.78	-162.63	0.00128
70.71	-169.71	0.00126	63.64	-176.78	0.00122
56.57	-183.85	0.00116	49.50	-190.92	0.00109
197.99	-56.57	0.00024	190.92	-63.64	0.00025
183.85	-70.71	0.00027	176.78	-77.78	0.00028
169.71	-84.85	0.00030	162.63	-91.92	0.00032
155.56	-98.99	0.00034	148.49	-106.07	0.00039
144.96	-109.60	0.00041	141.42	-113.14	0.00043
139.30	-115.26	0.00044	137.89	-116.67	0.00045
136.47	-118.09	0.00046	135.06	-119.50	0.00047

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00047	120.92	-133.64	0.00059
119.50	-135.06	0.00062	118.09	-136.47	0.00065
116.67	-137.89	0.00068	115.26	-139.30	0.00070
113.14	-141.42	0.00074	109.60	-144.96	0.00080
106.07	-148.49	0.00085	98.99	-155.56	0.00093
91.92	-162.63	0.00098	84.85	-169.71	0.00102
77.78	-176.78	0.00103	70.71	-183.85	0.00101
63.64	-190.92	0.00099	56.57	-197.99	0.00095
205.06	-63.64	0.00021	197.99	-70.71	0.00021
190.92	-77.78	0.00022	183.85	-84.85	0.00024
176.78	-91.92	0.00025	169.71	-98.99	0.00027
162.63	-106.07	0.00030	155.56	-113.14	0.00033
152.03	-116.67	0.00035	148.49	-120.21	0.00037
146.37	-122.33	0.00038	144.96	-123.74	0.00038
143.54	-125.16	0.00039	142.13	-126.57	0.00039
140.71	-127.99	0.00040	127.99	-140.71	0.00048
126.57	-142.13	0.00050	125.16	-143.54	0.00052
123.74	-144.96	0.00054	122.33	-146.37	0.00056
120.21	-148.49	0.00059	116.67	-152.03	0.00063
113.14	-155.56	0.00067	106.07	-162.63	0.00073
98.99	-169.71	0.00078	91.92	-176.78	0.00081
84.85	-183.85	0.00083	77.78	-190.92	0.00084
70.71	-197.99	0.00083	63.64	-205.06	0.00081
212.13	-70.71	0.00018	205.06	-77.78	0.00018
197.99	-84.85	0.00019	190.92	-91.92	0.00020
183.85	-98.99	0.00022	176.78	-106.07	0.00024
169.71	-113.14	0.00026	162.63	-120.21	0.00029
159.10	-123.74	0.00030	155.56	-127.28	0.00032

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	0.00032	152.03	-130.81	0.00033
150.61	-132.23	0.00033	149.20	-133.64	0.00034
147.79	-135.06	0.00034	135.06	-147.79	0.00040
133.64	-149.20	0.00041	132.23	-150.61	0.00042
130.81	-152.03	0.00044	129.40	-153.44	0.00045
127.28	-155.56	0.00048	123.74	-159.10	0.00051

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00054	113.14	-169.71	0.00059
106.07	-176.78	0.00063	98.99	-183.85	0.00066
91.92	-190.92	0.00068	84.85	-197.99	0.00069
77.78	-205.06	0.00070	70.71	-212.13	0.00069
219.20	-77.78	0.00015	212.13	-84.85	0.00016
205.06	-91.92	0.00017	197.99	-98.99	0.00018
190.92	-106.07	0.00019	183.85	-113.14	0.00021
176.78	-120.21	0.00023	169.71	-127.28	0.00026
166.17	-130.81	0.00027	162.63	-134.35	0.00028
160.51	-136.47	0.00028	159.10	-137.89	0.00028
157.68	-139.30	0.00029	156.27	-140.71	0.00029
154.86	-142.13	0.00029	142.13	-154.86	0.00033
140.71	-156.27	0.00034	139.30	-157.68	0.00035
137.89	-159.10	0.00036	136.47	-160.51	0.00037
134.35	-162.63	0.00039	130.81	-166.17	0.00042
127.28	-169.71	0.00045	120.21	-176.78	0.00049
113.14	-183.85	0.00052	106.07	-190.92	0.00055
98.99	-197.99	0.00056	91.92	-205.06	0.00058
84.85	-212.13	0.00059	77.78	-219.20	0.00059
226.27	-84.85	0.00013	219.20	-91.92	0.00014
212.13	-98.99	0.00015	205.06	-106.07	0.00016
197.99	-113.14	0.00017	190.92	-120.21	0.00019
183.85	-127.28	0.00021	176.78	-134.35	0.00023
173.24	-137.89	0.00023	169.71	-141.42	0.00024
167.58	-143.54	0.00024	166.17	-144.96	0.00025
164.76	-146.37	0.00025	163.34	-147.79	0.00025
161.93	-149.20	0.00025	149.20	-161.93	0.00028
147.79	-163.34	0.00029	146.37	-164.76	0.00030
144.96	-166.17	0.00031	143.54	-167.58	0.00032
141.42	-169.71	0.00033	137.89	-173.24	0.00035
134.35	-176.78	0.00037	127.28	-183.85	0.00041
120.21	-190.92	0.00044	113.14	-197.99	0.00046
106.07	-205.06	0.00047	98.99	-212.13	0.00049
91.92	-219.20	0.00050	84.85	-226.27	0.00050

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

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 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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19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00015
205.06	-120.21	0.00016	197.99	-127.28	0.00017
190.92	-134.35	0.00019	183.85	-141.42	0.00020
180.31	-144.96	0.00021	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00022
171.83	-153.44	0.00022	170.41	-154.86	0.00022
169.00	-156.27	0.00022	156.27	-169.00	0.00024
154.86	-170.41	0.00025	153.44	-171.83	0.00026
152.03	-173.24	0.00026	150.61	-174.66	0.00027
148.49	-176.78	0.00028	144.96	-180.31	0.00030
141.42	-183.85	0.00032	134.35	-190.92	0.00035
127.28	-197.99	0.00037	120.21	-205.06	0.00039
113.14	-212.13	0.00040	106.07	-219.20	0.00042
98.99	-226.27	0.00042	91.92	-233.35	0.00043
240.42	-98.99	0.00011	233.35	-106.07	0.00011
226.27	-113.14	0.00012	219.20	-120.21	0.00013
212.13	-127.28	0.00014	205.06	-134.35	0.00016
197.99	-141.42	0.00017	190.92	-148.49	0.00018
187.38	-152.03	0.00018	183.85	-155.56	0.00019
181.73	-157.68	0.00019	180.31	-159.10	0.00019
178.90	-160.51	0.00019	177.48	-161.93	0.00019
176.07	-163.34	0.00019	163.34	-176.07	0.00021
161.93	-177.48	0.00022	160.51	-178.90	0.00022
159.10	-180.31	0.00023	157.68	-181.73	0.00023
155.56	-183.85	0.00024	152.03	-187.38	0.00026
148.49	-190.92	0.00027	141.42	-197.99	0.00030
134.35	-205.06	0.00032	127.28	-212.13	0.00034
120.21	-219.20	0.00035	113.14	-226.27	0.00036
106.07	-233.35	0.00037	98.99	-240.42	0.00037
247.49	-106.07	0.00010	240.42	-113.14	0.00010
233.35	-120.21	0.00011	226.27	-127.28	0.00012
219.20	-134.35	0.00013	212.13	-141.42	0.00014
205.06	-148.49	0.00015	197.99	-155.56	0.00016
194.45	-159.10	0.00016	190.92	-162.63	0.00017
188.80	-164.76	0.00017	187.38	-166.17	0.00017
185.97	-167.58	0.00017	184.55	-169.00	0.00017
183.14	-170.41	0.00017	170.41	-183.14	0.00019
169.00	-184.55	0.00019	167.58	-185.97	0.00019
166.17	-187.38	0.00020	164.76	-188.80	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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	
162.63	-190.92	0.00021	159.10	-194.45	0.00022	
155.56	-197.99	0.00023	148.49	-205.06	0.00026	
141.42	-212.13	0.00028	134.35	-219.20	0.00029	
127.28	-226.27	0.00030	120.21	-233.35	0.00031	
113.14	-240.42	0.00032	106.07	-247.49	0.00033	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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 \*\*MODELOPTs:      \*\*\* 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\_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	0.00025	-113.14	240.42	0.00023	
-120.21	233.35	0.00022	-127.28	226.27	0.00020	
-134.35	219.20	0.00019	-141.42	212.13	0.00017	
-148.49	205.06	0.00016	-155.56	197.99	0.00015	
-159.10	194.45	0.00015	-162.63	190.92	0.00014	
-164.76	188.80	0.00014	-166.17	187.38	0.00014	
-167.58	185.97	0.00014	-169.00	184.55	0.00014	
-170.41	183.14	0.00013	-183.14	170.41	0.00012	
-184.55	169.00	0.00012	-185.97	167.58	0.00012	
-187.38	166.17	0.00012	-188.80	164.76	0.00012	
-190.92	162.63	0.00012	-194.45	159.10	0.00011	
-197.99	155.56	0.00011	-205.06	148.49	0.00011	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00029	-106.07	233.35	0.00026	
-113.14	226.27	0.00024	-120.21	219.20	0.00022	
-127.28	212.13	0.00020	-134.35	205.06	0.00019	
-141.42	197.99	0.00018	-148.49	190.92	0.00016	
-152.03	187.38	0.00016	-155.56	183.85	0.00015	
-157.68	181.73	0.00015	-159.10	180.31	0.00015	
-160.51	178.90	0.00015	-161.93	177.48	0.00015	
-163.34	176.07	0.00015	-176.07	163.34	0.00013	



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00013	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00012
-190.92	148.49	0.00012	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00010	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00010
-91.92	233.35	0.00032	-99.00	226.27	0.00030
-106.07	219.20	0.00027	-113.14	212.13	0.00025
-120.21	205.06	0.00023	-127.28	197.99	0.00021
-134.35	190.92	0.00019	-141.42	183.85	0.00018
-144.96	180.31	0.00017	-148.49	176.78	0.00017
-150.61	174.66	0.00017	-152.03	173.24	0.00016
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00014
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

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

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

18:55:26

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00014	-180.31	144.96	0.00013
-183.85	141.42	0.00013	-190.92	134.35	0.00012
-197.99	127.28	0.00012	-205.06	120.21	0.00011
-212.13	113.14	0.00011	-219.20	106.07	0.00011
-226.27	98.99	0.00010	-233.35	91.92	0.00010
-84.85	226.27	0.00036	-91.92	219.20	0.00033
-99.00	212.13	0.00031	-106.07	205.06	0.00028
-113.14	197.99	0.00025	-120.21	190.92	0.00023
-127.28	183.85	0.00021	-134.35	176.78	0.00020
-137.89	173.24	0.00019	-141.42	169.71	0.00018
-143.54	167.58	0.00018	-144.96	166.17	0.00018
-146.37	164.76	0.00018	-147.79	163.34	0.00017
-149.20	161.93	0.00017	-161.93	149.20	0.00016
-163.34	147.79	0.00015	-164.76	146.37	0.00015
-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00015	-173.24	137.89	0.00014
-176.78	134.35	0.00014	-183.85	127.28	0.00013

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00012
-205.06	106.07	0.00012	-212.13	98.99	0.00011
-219.20	91.92	0.00011	-226.27	84.85	0.00011
-77.78	219.20	0.00041	-84.85	212.13	0.00038
-91.92	205.06	0.00035	-99.00	197.99	0.00031
-106.07	190.92	0.00029	-113.14	183.85	0.00026
-120.21	176.78	0.00024	-127.28	169.71	0.00022
-130.81	166.17	0.00021	-134.35	162.63	0.00020
-136.47	160.51	0.00020	-137.89	159.10	0.00020
-139.30	157.68	0.00019	-140.71	156.27	0.00019
-142.13	154.86	0.00019	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00017
-159.10	137.89	0.00016	-160.51	136.47	0.00016
-162.63	134.35	0.00016	-166.17	130.81	0.00015
-169.71	127.28	0.00015	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00013
-197.99	98.99	0.00013	-205.06	91.92	0.00012
-212.13	84.85	0.00012	-219.20	77.78	0.00012
-70.71	212.13	0.00047	-77.78	205.06	0.00044
-84.85	197.99	0.00040	-91.92	190.92	0.00036
-98.99	183.85	0.00032	-106.07	176.78	0.00029
-113.14	169.71	0.00027	-120.21	162.63	0.00024
-123.74	159.10	0.00023	-127.28	155.56	0.00022

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

18:55:26  
 \*\*MODELOPTS:  
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00022	-130.81	152.03	0.00022
-132.23	150.61	0.00021	-133.64	149.20	0.00021
-135.06	147.79	0.00021	-147.79	135.06	0.00018
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00018	-153.44	129.40	0.00018
-155.56	127.28	0.00017	-159.10	123.74	0.00017
-162.63	120.21	0.00016	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00014
-190.92	91.92	0.00014	-197.99	84.85	0.00014
-205.06	77.78	0.00013	-212.13	70.71	0.00013
-63.64	205.06	0.00054	-70.71	197.99	0.00050

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00046	-84.85	183.85	0.00042
-91.92	176.78	0.00037	-98.99	169.71	0.00033
-106.07	162.63	0.00030	-113.14	155.56	0.00027
-116.67	152.03	0.00026	-120.21	148.49	0.00025
-122.33	146.37	0.00024	-123.74	144.96	0.00024
-125.16	143.54	0.00024	-126.57	142.13	0.00023
-127.99	140.71	0.00023	-140.71	127.99	0.00020
-142.13	126.57	0.00020	-143.54	125.16	0.00020
-144.96	123.74	0.00020	-146.37	122.33	0.00019
-148.49	120.21	0.00019	-152.03	116.67	0.00018
-155.56	113.14	0.00018	-162.63	106.07	0.00017
-169.71	98.99	0.00016	-176.78	91.92	0.00015
-183.85	84.85	0.00015	-190.92	77.78	0.00015
-197.99	70.71	0.00015	-205.06	63.64	0.00015
-56.57	197.99	0.00062	-63.64	190.92	0.00058
-70.71	183.85	0.00054	-77.78	176.78	0.00048
-84.85	169.71	0.00043	-91.92	162.63	0.00038
-98.99	155.56	0.00034	-106.07	148.49	0.00031
-109.60	144.96	0.00029	-113.14	141.42	0.00028
-115.26	139.30	0.00027	-116.67	137.89	0.00027
-118.09	136.47	0.00026	-119.50	135.06	0.00026
-120.92	133.64	0.00025	-133.64	120.92	0.00022
-135.06	119.50	0.00022	-136.47	118.09	0.00022
-137.89	116.67	0.00021	-139.30	115.26	0.00021
-141.42	113.14	0.00021	-144.96	109.60	0.00020
-148.49	106.07	0.00020	-155.56	98.99	0.00018
-162.63	91.92	0.00018	-169.71	84.85	0.00017
-176.78	77.78	0.00017	-183.85	70.71	0.00016
-190.92	63.64	0.00016	-197.99	56.57	0.00016

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

18:55:26  
 \*\*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	0.00070	-56.57	183.85	0.00067
-63.64	176.78	0.00063	-70.71	169.71	0.00057
-77.78	162.63	0.00051	-84.85	155.56	0.00045
-91.92	148.49	0.00039	-98.99	141.42	0.00035
-102.53	137.89	0.00033	-106.07	134.35	0.00032

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00031	-109.60	130.81	0.00030
-111.02	129.40	0.00030	-112.43	127.99	0.00029
-113.84	126.57	0.00028	-126.57	113.84	0.00025
-127.99	112.43	0.00024	-129.40	111.02	0.00024
-130.81	109.60	0.00024	-132.23	108.19	0.00023
-134.35	106.07	0.00023	-137.89	102.53	0.00022
-141.42	98.99	0.00021	-148.49	91.92	0.00020
-155.56	84.85	0.00019	-162.63	77.78	0.00019
-169.71	70.71	0.00018	-176.78	63.64	0.00018
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00080	-49.50	176.78	0.00078
-56.57	169.71	0.00074	-63.64	162.63	0.00067
-70.71	155.56	0.00060	-77.78	148.49	0.00053
-84.85	141.42	0.00046	-91.92	134.35	0.00040
-95.46	130.81	0.00038	-98.99	127.28	0.00036
-101.12	125.16	0.00035	-102.53	123.74	0.00034
-103.94	122.33	0.00033	-105.36	120.92	0.00033
-106.77	119.50	0.00032	-119.50	106.77	0.00028
-120.92	105.36	0.00027	-122.33	103.94	0.00027
-123.74	102.53	0.00026	-125.16	101.12	0.00026
-127.28	98.99	0.00025	-130.81	95.46	0.00025
-134.35	91.92	0.00024	-141.42	84.85	0.00022
-148.49	77.78	0.00021	-155.56	70.71	0.00021
-162.63	63.64	0.00020	-169.71	56.57	0.00020
-176.78	49.50	0.00020	-183.85	42.43	0.00020
-35.36	176.78	0.00089	-42.43	169.71	0.00090
-49.50	162.63	0.00087	-56.57	155.56	0.00080
-63.64	148.49	0.00072	-70.71	141.42	0.00063
-77.78	134.35	0.00054	-84.85	127.28	0.00047
-88.39	123.74	0.00044	-91.92	120.21	0.00041
-94.05	118.09	0.00040	-95.46	116.67	0.00039
-96.87	115.26	0.00038	-98.29	113.84	0.00037
-99.70	112.43	0.00037	-112.43	99.70	0.00031
-113.84	98.29	0.00030	-115.26	96.87	0.00030
-116.67	95.46	0.00029	-118.09	94.05	0.00029

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 67

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00028	-123.74	88.39	0.00027
-127.28	84.85	0.00026	-134.35	77.78	0.00025
-141.42	70.71	0.00024	-148.49	63.64	0.00023
-155.56	56.57	0.00023	-162.63	49.50	0.00023
-169.71	42.43	0.00022	-176.78	35.36	0.00022
-28.28	169.71	0.00099	-35.36	162.63	0.00102
-42.43	155.56	0.00101	-49.50	148.49	0.00096
-56.57	141.42	0.00088	-63.64	134.35	0.00077
-70.71	127.28	0.00065	-77.78	120.21	0.00056
-81.32	116.67	0.00052	-84.85	113.14	0.00048
-86.97	111.02	0.00046	-88.39	109.60	0.00045
-89.80	108.19	0.00044	-91.22	106.77	0.00043
-92.63	105.36	0.00042	-105.36	92.63	0.00035
-106.77	91.22	0.00034	-108.19	89.80	0.00034
-109.60	88.39	0.00033	-111.02	86.97	0.00033
-113.14	84.85	0.00032	-116.67	81.32	0.00031
-120.21	77.78	0.00029	-127.28	70.71	0.00028
-134.35	63.64	0.00027	-141.42	56.57	0.00026
-148.49	49.50	0.00026	-155.56	42.43	0.00026
-162.63	35.36	0.00026	-169.71	28.28	0.00026
-21.21	162.63	0.00108	-28.28	155.56	0.00114
-35.36	148.49	0.00117	-42.43	141.42	0.00115
-49.50	134.35	0.00107	-56.57	127.28	0.00095
-63.64	120.21	0.00081	-70.71	113.14	0.00068
-74.25	109.60	0.00062	-77.78	106.07	0.00057
-79.90	103.94	0.00055	-81.32	102.53	0.00053
-82.73	101.12	0.00051	-84.15	99.70	0.00050
-85.56	98.29	0.00049	-98.29	85.56	0.00040
-99.70	84.15	0.00039	-101.12	82.73	0.00038
-102.53	81.32	0.00038	-103.94	79.90	0.00037
-106.07	77.78	0.00036	-109.60	74.25	0.00034
-113.14	70.71	0.00033	-120.21	63.64	0.00031
-127.28	56.57	0.00031	-134.35	49.50	0.00030
-141.42	42.43	0.00030	-148.49	35.36	0.00029
-155.56	28.28	0.00030	-162.63	21.21	0.00030
-14.14	155.56	0.00116	-21.21	148.49	0.00126
-28.28	141.42	0.00133	-35.36	134.35	0.00135
-42.43	127.28	0.00131	-49.50	120.21	0.00119
-56.57	113.14	0.00101	-63.64	106.07	0.00084
-67.18	102.53	0.00076	-70.71	98.99	0.00069

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:55:26

\*\*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	0.00065	-74.25	95.46	0.00063
-75.66	94.05	0.00061	-77.07	92.63	0.00059
-78.49	91.22	0.00057	-91.22	78.49	0.00046
-92.63	77.07	0.00045	-94.05	75.66	0.00044
-95.46	74.25	0.00043	-96.87	72.83	0.00042
-98.99	70.71	0.00041	-102.53	67.18	0.00039
-106.07	63.64	0.00038	-113.14	56.57	0.00036
-120.21	49.50	0.00035	-127.28	42.43	0.00035
-134.35	35.36	0.00034	-141.42	28.28	0.00035
-148.49	21.21	0.00035	-155.56	14.14	0.00036
-7.07	148.49	0.00123	-14.14	141.42	0.00137
-21.21	134.35	0.00148	-28.28	127.28	0.00157
-35.36	120.21	0.00158	-42.43	113.14	0.00150
-49.50	106.07	0.00131	-56.57	98.99	0.00107
-60.10	95.46	0.00095	-63.64	91.92	0.00085
-65.76	89.80	0.00080	-67.18	88.39	0.00077
-68.59	86.97	0.00074	-70.00	85.56	0.00071
-71.42	84.15	0.00068	-84.15	71.42	0.00053
-85.56	70.00	0.00051	-86.97	68.59	0.00050
-88.39	67.18	0.00049	-89.80	65.76	0.00048
-91.92	63.64	0.00047	-95.46	60.10	0.00045
-98.99	56.57	0.00043	-106.07	49.50	0.00042
-113.14	42.43	0.00041	-120.21	35.36	0.00041
-127.28	28.28	0.00041	-134.35	21.21	0.00042
-141.42	14.14	0.00042	-148.49	7.07	0.00043
0.00	141.42	0.00129	-7.07	134.35	0.00146
-14.14	127.28	0.00162	-21.21	120.21	0.00177
-28.28	113.14	0.00187	-35.36	106.07	0.00187
-42.43	98.99	0.00171	-49.50	91.92	0.00141
-53.03	88.39	0.00125	-56.57	84.85	0.00109
-58.69	82.73	0.00101	-60.10	81.32	0.00096
-61.52	79.90	0.00092	-62.93	78.49	0.00087
-64.35	77.07	0.00083	-77.07	64.35	0.00061
-78.49	62.93	0.00060	-79.90	61.52	0.00058
-81.32	60.10	0.00057	-82.73	58.69	0.00056
-84.85	56.57	0.00054	-88.39	53.03	0.00052
-91.92	49.50	0.00051	-98.99	42.43	0.00049

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00049	-113.14	28.28	0.00049
-120.21	21.21	0.00051	-127.28	14.14	0.00051
-134.35	7.07	0.00051	-141.42	0.00	0.00051

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 69

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00134	0.00	127.28	0.00154
-7.07	120.21	0.00175	-14.14	113.14	0.00196
-21.21	106.07	0.00215	-28.28	98.99	0.00226
-35.36	91.92	0.00222	-42.43	84.85	0.00192
-45.96	81.32	0.00170	-49.50	77.78	0.00147
-51.62	75.66	0.00134	-53.03	74.25	0.00125
-54.45	72.83	0.00118	-55.86	71.42	0.00111
-57.28	70.00	0.00105	-70.00	57.28	0.00072
-71.42	55.86	0.00070	-72.83	54.45	0.00068
-74.25	53.03	0.00067	-75.66	51.62	0.00065
-77.78	49.50	0.00063	-81.32	45.96	0.00061
-84.85	42.43	0.00060	-91.92	35.36	0.00059
-98.99	28.28	0.00060	-106.07	21.21	0.00062
-113.14	14.14	0.00063	-120.21	7.07	0.00063
-127.28	0.00	0.00062	-134.35	-7.07	0.00061
14.14	127.28	0.00136	7.07	120.21	0.00159
0.00	113.14	0.00185	-7.07	106.07	0.00213
-14.14	98.99	0.00240	-21.21	91.92	0.00264
-28.28	84.85	0.00278	-35.36	77.78	0.00264
-38.89	74.25	0.00241	-42.43	70.71	0.00209
-44.55	68.59	0.00188	-45.96	67.18	0.00174
-47.38	65.76	0.00161	-48.79	64.35	0.00148
-50.20	62.93	0.00137	-62.93	50.20	0.00085
-64.35	48.79	0.00083	-65.76	47.38	0.00081
-67.18	45.96	0.00079	-68.59	44.55	0.00077
-70.71	42.43	0.00076	-74.25	38.89	0.00074
-77.78	35.36	0.00074	-84.85	28.28	0.00075
-91.92	21.21	0.00078	-98.99	14.14	0.00079
-106.07	7.07	0.00079	-113.14	0.00	0.00078
-120.21	-7.07	0.00076	-127.28	-14.14	0.00073
21.21	120.21	0.00136	14.14	113.14	0.00161

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00191	0.00	98.99	0.00225
-7.07	91.92	0.00262	-14.14	84.85	0.00300
-21.21	77.78	0.00332	-28.28	70.71	0.00347
-31.82	67.18	0.00338	-35.36	63.64	0.00310
-37.48	61.52	0.00282	-38.89	60.10	0.00261
-40.31	58.69	0.00238	-41.72	57.28	0.00216
-43.13	55.86	0.00194	-55.86	43.13	0.00102
-57.28	41.72	0.00099	-58.69	40.31	0.00097
-60.10	38.89	0.00096	-61.52	37.48	0.00094

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
-63.64	35.36	0.00093	-67.18	31.82	0.00094
-70.71	28.28	0.00096	-77.78	21.21	0.00100
-84.85	14.14	0.00103	-91.92	7.07	0.00102
-98.99	0.00	0.00100	-106.07	-7.07	0.00096
-113.14	-14.14	0.00091	-120.21	-21.21	0.00086
28.28	113.14	0.00134	21.21	106.07	0.00160
14.14	98.99	0.00193	7.07	91.92	0.00233
0.00	84.85	0.00278	-7.07	77.78	0.00329
-14.14	70.71	0.00380	-21.21	63.64	0.00424
-24.75	60.10	0.00439	-28.28	56.57	0.00438
-30.41	54.45	0.00426	-31.82	53.03	0.00409
-33.23	51.62	0.00384	-34.65	50.20	0.00351
-36.06	48.79	0.00313	-48.79	36.06	0.00126
-50.20	34.65	0.00124	-51.62	33.23	0.00122
-53.03	31.82	0.00122	-54.45	30.41	0.00123
-56.57	28.28	0.00125	-60.10	24.75	0.00129
-63.64	21.21	0.00133	-70.71	14.14	0.00137
-77.78	7.07	0.00136	-84.85	0.00	0.00131
-91.92	-7.07	0.00124	-98.99	-14.14	0.00116
-106.07	-21.21	0.00108	-113.14	-28.28	0.00100
35.36	106.07	0.00131	28.28	98.99	0.00157
21.21	91.92	0.00191	14.14	84.85	0.00234
7.07	77.78	0.00287	0.00	70.71	0.00348
-7.07	63.64	0.00416	-14.14	56.57	0.00487
-17.68	53.03	0.00522	-21.21	49.50	0.00552



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00565	-24.75	45.96	0.00569
-26.16	44.55	0.00569	-27.58	43.13	0.00560
-28.99	41.72	0.00537	-41.72	28.99	0.00178
-43.13	27.58	0.00180	-44.55	26.16	0.00182
-45.96	24.75	0.00183	-47.38	23.33	0.00185
-49.50	21.21	0.00187	-53.03	17.68	0.00189
-56.57	14.14	0.00190	-63.64	7.07	0.00185
-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	0.00125	-106.07	-35.36	0.00114
42.43	98.99	0.00126	35.36	91.92	0.00151
28.28	84.85	0.00185	21.21	77.78	0.00229
14.14	70.71	0.00286	7.07	63.64	0.00356
0.00	56.57	0.00437	-7.07	49.50	0.00527
-10.61	45.96	0.00575	-14.14	42.43	0.00622

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
-16.26	40.31	0.00647	-17.68	38.89	0.00660
-19.09	37.48	0.00671	-20.51	36.06	0.00685
-21.92	34.65	0.00692	-34.65	21.92	0.00333
-36.06	20.51	0.00313	-37.48	19.09	0.00300
-38.89	17.68	0.00290	-40.31	16.26	0.00282
-42.43	14.14	0.00274	-45.96	10.61	0.00264
-49.50	7.07	0.00256	-56.57	0.00	0.00237
-63.64	-7.07	0.00217	-70.71	-14.14	0.00196
-77.78	-21.21	0.00176	-84.85	-28.28	0.00158
-91.92	-35.36	0.00141	-98.99	-42.43	0.00127
49.50	91.92	0.00119	42.43	84.85	0.00143
35.36	77.78	0.00175	28.28	70.71	0.00218
21.21	63.64	0.00276	14.14	56.57	0.00350
7.07	49.50	0.00441	0.00	42.43	0.00543
-3.54	38.89	0.00596	-7.07	35.36	0.00648
-9.19	33.23	0.00675	-10.61	31.82	0.00689
-12.02	30.41	0.00699	-13.44	28.99	0.00707
-14.85	27.58	0.00715	-27.58	14.85	0.00422
-28.99	13.44	0.00407	-30.41	12.02	0.00395

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00385	-33.23	9.19	0.00376
-35.36	7.07	0.00363	-38.89	3.54	0.00344
-42.43	0.00	0.00326	-49.50	-7.07	0.00292
-56.57	-14.14	0.00259	-63.64	-21.21	0.00229
-70.71	-28.28	0.00202	-77.78	-35.36	0.00178
-84.85	-42.43	0.00157	-91.92	-49.50	0.00139
56.57	84.85	0.00111	49.50	77.78	0.00133
42.43	70.71	0.00163	35.36	63.64	0.00202
28.28	56.57	0.00257	21.21	49.50	0.00331
14.14	42.43	0.00426	7.07	35.36	0.00537
3.54	31.82	0.00594	0.00	28.28	0.00648
-2.12	26.16	0.00676	-3.54	24.75	0.00692
-4.95	23.33	0.00703	-6.36	21.92	0.00710
-7.78	20.51	0.00718	-20.51	7.78	0.00456
-21.92	6.36	0.00445	-23.33	4.95	0.00437
-24.75	3.54	0.00431	-26.16	2.12	0.00425
-28.28	0.00	0.00416	-31.82	-3.54	0.00400
-35.36	-7.07	0.00382	-42.43	-14.14	0.00342
-49.50	-21.21	0.00300	-56.57	-28.28	0.00262
-63.64	-35.36	0.00227	-70.71	-42.43	0.00197
-77.78	-49.50	0.00171	-84.85	-56.57	0.00150

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
63.64	77.78	0.00102	56.57	70.71	0.00122
49.50	63.64	0.00149	42.43	56.57	0.00184
35.36	49.50	0.00232	28.28	42.43	0.00300
21.21	35.36	0.00394	14.14	28.28	0.00512
10.61	24.75	0.00574	7.07	21.21	0.00632
4.95	19.09	0.00664	3.54	17.68	0.00682
2.12	16.26	0.00696	0.71	14.85	0.00705
-0.71	13.44	0.00713	-13.44	0.71	0.00471
-14.85	-0.71	0.00463	-16.26	-2.12	0.00457
-17.68	-3.54	0.00453	-19.09	-4.95	0.00449
-21.21	-7.07	0.00443	-24.75	-10.61	0.00431
-28.28	-14.14	0.00416	-35.36	-21.21	0.00377
-42.43	-28.28	0.00332	-49.50	-35.36	0.00288

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00247	-63.64	-49.50	0.00212
-70.71	-56.57	0.00183	-77.78	-63.64	0.00159
70.71	70.71	0.00092	63.64	63.64	0.00110
56.57	56.57	0.00133	49.50	49.50	0.00163
42.43	42.43	0.00204	35.36	35.36	0.00262
28.28	28.28	0.00346	21.21	21.21	0.00464
17.68	17.68	0.00533	14.14	14.14	0.00601
12.02	12.02	0.00637	10.61	10.61	0.00658
9.19	9.19	0.00676	7.78	7.78	0.00689
6.36	6.36	0.00697	-6.36	-6.36	0.00476
-7.78	-7.78	0.00469	-9.19	-9.19	0.00465
-10.61	-10.61	0.00462	-12.02	-12.02	0.00460
-14.14	-14.14	0.00455	-17.68	-17.68	0.00446
-21.21	-21.21	0.00433	-28.28	-28.28	0.00396
-35.36	-35.36	0.00351	-42.43	-42.43	0.00304
-49.50	-49.50	0.00260	-56.57	-56.57	0.00223
-63.64	-63.64	0.00192	-70.71	-70.71	0.00166
77.78	63.64	0.00082	70.71	56.57	0.00097
63.64	49.50	0.00116	56.57	42.43	0.00141
49.50	35.36	0.00175	42.43	28.28	0.00221
35.36	21.21	0.00289	28.28	14.14	0.00393
24.75	10.61	0.00464	21.21	7.07	0.00542
19.09	4.95	0.00587	17.68	3.54	0.00614
16.26	2.12	0.00637	14.85	0.71	0.00655
13.44	-0.71	0.00668	0.71	-13.44	0.00473
-0.71	-14.85	0.00467	-2.12	-16.26	0.00465
-3.54	-17.68	0.00463	-4.95	-19.09	0.00461

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
-7.07	-21.21	0.00457	-10.61	-24.75	0.00449
-14.14	-28.28	0.00437	-21.21	-35.36	0.00400
-28.28	-42.43	0.00354	-35.36	-49.50	0.00308
-42.43	-56.57	0.00265	-49.50	-63.64	0.00227
-56.57	-70.71	0.00195	-63.64	-77.78	0.00169
84.85	56.57	0.00073	77.78	49.50	0.00085
70.71	42.43	0.00100	63.64	35.36	0.00119

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00145	49.50	21.21	0.00180
42.43	14.14	0.00231	35.36	7.07	0.00309
31.82	3.54	0.00367	28.28	0.00	0.00442
26.16	-2.12	0.00494	24.75	-3.54	0.00529
23.33	-4.95	0.00562	21.92	-6.36	0.00590
20.51	-7.78	0.00613	7.78	-20.51	0.00462
6.36	-21.92	0.00457	4.95	-23.33	0.00455
3.54	-24.75	0.00454	2.12	-26.16	0.00452
0.00	-28.28	0.00449	-3.54	-31.82	0.00440
-7.07	-35.36	0.00426	-14.14	-42.43	0.00388
-21.21	-49.50	0.00344	-28.28	-56.57	0.00300
-35.36	-63.64	0.00260	-42.43	-70.71	0.00224
-49.50	-77.78	0.00193	-56.57	-84.85	0.00168
91.92	49.50	0.00063	84.85	42.43	0.00073
77.78	35.36	0.00085	70.71	28.28	0.00099
63.64	21.21	0.00118	56.57	14.14	0.00142
49.50	7.07	0.00176	42.43	0.00	0.00227
38.89	-3.54	0.00264	35.36	-7.07	0.00312
33.23	-9.19	0.00350	31.82	-10.61	0.00381
30.41	-12.02	0.00416	28.99	-13.44	0.00454
27.58	-14.85	0.00494	14.85	-27.58	0.00442
13.44	-28.99	0.00437	12.02	-30.41	0.00434
10.61	-31.82	0.00432	9.19	-33.23	0.00429
7.07	-35.36	0.00424	3.54	-38.89	0.00411
0.00	-42.43	0.00397	-7.07	-49.50	0.00360
-14.14	-56.57	0.00320	-21.21	-63.64	0.00282
-28.28	-70.71	0.00246	-35.36	-77.78	0.00215
-42.43	-84.85	0.00187	-49.50	-91.92	0.00164
98.99	42.43	0.00054	91.92	35.36	0.00062
84.85	28.28	0.00070	77.78	21.21	0.00081
70.71	14.14	0.00093	63.64	7.07	0.00109
56.57	0.00	0.00130	49.50	-7.07	0.00157
45.96	-10.61	0.00174	42.43	-14.14	0.00194

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
40.31	-16.26	0.00208	38.89	-17.68	0.00219

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00231	36.06	-20.51	0.00247
34.65	-21.92	0.00269	21.92	-34.65	0.00391
20.51	-36.06	0.00382	19.09	-37.48	0.00376
17.68	-38.89	0.00372	16.26	-40.31	0.00369
14.14	-42.43	0.00364	10.61	-45.96	0.00355
7.07	-49.50	0.00344	0.00	-56.57	0.00318
-7.07	-63.64	0.00287	-14.14	-70.71	0.00256
-21.21	-77.78	0.00227	-28.28	-84.85	0.00201
-35.36	-91.92	0.00177	-42.43	-98.99	0.00157
106.07	35.36	0.00046	98.99	28.28	0.00052
91.92	21.21	0.00058	84.85	14.14	0.00065
77.78	7.07	0.00073	70.71	0.00	0.00082
63.64	-7.07	0.00093	56.57	-14.14	0.00105
53.03	-17.68	0.00111	49.50	-21.21	0.00116
47.38	-23.33	0.00118	45.96	-24.75	0.00119
44.55	-26.16	0.00120	43.13	-27.58	0.00120
41.72	-28.99	0.00120	28.99	-41.72	0.00234
27.58	-43.13	0.00248	26.16	-44.55	0.00258
24.75	-45.96	0.00265	23.33	-47.38	0.00271
21.21	-49.50	0.00277	17.68	-53.03	0.00281
14.14	-56.57	0.00280	7.07	-63.64	0.00268
0.00	-70.71	0.00249	-7.07	-77.78	0.00227
-14.14	-84.85	0.00205	-21.21	-91.92	0.00184
-28.28	-98.99	0.00165	-35.36	-106.07	0.00147
113.14	28.28	0.00039	106.07	21.21	0.00043
98.99	14.14	0.00047	91.92	7.07	0.00052
84.85	0.00	0.00057	77.78	-7.07	0.00063
70.71	-14.14	0.00068	63.64	-21.21	0.00074
60.10	-24.75	0.00076	56.57	-28.28	0.00078
54.45	-30.41	0.00080	53.03	-31.82	0.00081
51.62	-33.23	0.00083	50.20	-34.65	0.00085
48.79	-36.06	0.00087	36.06	-48.79	0.00139
34.65	-50.20	0.00149	33.23	-51.62	0.00159
31.82	-53.03	0.00168	30.41	-54.45	0.00176
28.28	-56.57	0.00187	24.75	-60.10	0.00201
21.21	-63.64	0.00209	14.14	-70.71	0.00214
7.07	-77.78	0.00207	0.00	-84.85	0.00195
-7.07	-91.92	0.00180	-14.14	-98.99	0.00165
-21.21	-106.07	0.00150	-28.28	-113.14	0.00136

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

\*\*\* NCRA Cumulative DPM Impacts

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

\*\*\*

18:55:26

\*\*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	0.00034	113.14	14.14	0.00036	
106.07	7.07	0.00039	98.99	0.00	0.00042	
91.92	-7.07	0.00045	84.85	-14.14	0.00048	
77.78	-21.21	0.00052	70.71	-28.28	0.00055	
67.18	-31.82	0.00058	63.64	-35.36	0.00061	
61.52	-37.48	0.00063	60.10	-38.89	0.00065	
58.69	-40.31	0.00067	57.28	-41.72	0.00068	
55.86	-43.13	0.00070	43.13	-55.86	0.00099	
41.72	-57.28	0.00105	40.31	-58.69	0.00111	
38.89	-60.10	0.00117	37.48	-61.52	0.00122	
35.36	-63.64	0.00130	31.82	-67.18	0.00141	
28.28	-70.71	0.00150	21.21	-77.78	0.00162	
14.14	-84.85	0.00164	7.07	-91.92	0.00160	
0.00	-98.99	0.00153	-7.07	-106.07	0.00144	
-14.14	-113.14	0.00133	-21.21	-120.21	0.00123	
127.28	14.14	0.00028	120.21	7.07	0.00030	
113.14	0.00	0.00032	106.07	-7.07	0.00034	
98.99	-14.14	0.00036	91.92	-21.21	0.00039	
84.85	-28.28	0.00041	77.78	-35.36	0.00045	
74.25	-38.89	0.00048	70.71	-42.43	0.00051	
68.59	-44.55	0.00053	67.18	-45.96	0.00054	
65.76	-47.38	0.00055	64.35	-48.79	0.00056	
62.93	-50.20	0.00057	50.20	-62.93	0.00075	
48.79	-64.35	0.00079	47.38	-65.76	0.00083	
45.96	-67.18	0.00087	44.55	-68.59	0.00091	
42.43	-70.71	0.00096	38.89	-74.25	0.00104	
35.36	-77.78	0.00110	28.28	-84.85	0.00121	
21.21	-91.92	0.00127	14.14	-98.99	0.00128	
7.07	-106.07	0.00126	0.00	-113.14	0.00122	
-7.07	-120.21	0.00116	-14.14	-127.28	0.00109	
134.35	7.07	0.00024	127.28	0.00	0.00025	
120.21	-7.07	0.00027	113.14	-14.14	0.00028	
106.07	-21.21	0.00030	98.99	-28.28	0.00032	
91.92	-35.36	0.00034	84.85	-42.43	0.00039	
81.32	-45.96	0.00041	77.78	-49.50	0.00043	
75.66	-51.62	0.00044	74.25	-53.03	0.00045	
72.83	-54.45	0.00046	71.42	-55.86	0.00047	
70.00	-57.28	0.00047	57.28	-70.00	0.00059	
55.86	-71.42	0.00062	54.45	-72.83	0.00065	

53.03 -74.25 0.00068 51.62 -75.66 0.00070

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

18:55:26

\*\*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	0.00074	45.96	-81.32	0.00080
42.43	-84.85	0.00085	35.36	-91.92	0.00093
28.28	-98.99	0.00098	21.21	-106.07	0.00102
14.14	-113.14	0.00103	7.07	-120.21	0.00101
0.00	-127.28	0.00099	-7.07	-134.35	0.00095
141.42	0.00	0.00021	134.35	-7.07	0.00021
127.28	-14.14	0.00022	120.21	-21.21	0.00024
113.14	-28.28	0.00025	106.07	-35.36	0.00027
98.99	-42.43	0.00030	91.92	-49.50	0.00033
88.39	-53.03	0.00035	84.85	-56.57	0.00037
82.73	-58.69	0.00038	81.32	-60.10	0.00038
79.90	-61.52	0.00039	78.49	-62.93	0.00039
77.07	-64.35	0.00040	64.35	-77.07	0.00048
62.93	-78.49	0.00050	61.52	-79.90	0.00052
60.10	-81.32	0.00054	58.69	-82.73	0.00056
56.57	-84.85	0.00059	53.03	-88.39	0.00063
49.50	-91.92	0.00067	42.43	-98.99	0.00073
35.36	-106.07	0.00078	28.28	-113.14	0.00081
21.21	-120.21	0.00083	14.14	-127.28	0.00084
7.07	-134.35	0.00083	0.00	-141.42	0.00081
148.49	-7.07	0.00018	141.42	-14.14	0.00018
134.35	-21.21	0.00019	127.28	-28.28	0.00020
120.21	-35.36	0.00022	113.14	-42.43	0.00024
106.07	-49.50	0.00026	98.99	-56.57	0.00029
95.46	-60.10	0.00030	91.92	-63.64	0.00032
89.80	-65.76	0.00032	88.39	-67.18	0.00033
86.97	-68.59	0.00033	85.56	-70.00	0.00034
84.15	-71.42	0.00034	71.42	-84.15	0.00040
70.00	-85.56	0.00041	68.59	-86.97	0.00042
67.18	-88.39	0.00044	65.76	-89.80	0.00045
63.64	-91.92	0.00048	60.10	-95.46	0.00051
56.57	-98.99	0.00054	49.50	-106.07	0.00059
42.43	-113.14	0.00063	35.36	-120.21	0.00066

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00068	21.21	-134.35	0.00069
14.14	-141.42	0.00070	7.07	-148.49	0.00069
155.56	-14.14	0.00015	148.49	-21.21	0.00016
141.42	-28.28	0.00017	134.35	-35.36	0.00018
127.28	-42.43	0.00019	120.21	-49.50	0.00021
113.14	-56.57	0.00023	106.07	-63.64	0.00026
102.53	-67.18	0.00027	98.99	-70.71	0.00028

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

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

18:55:26

\*\*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	0.00028	95.46	-74.25	0.00028
94.05	-75.66	0.00029	92.63	-77.07	0.00029
91.22	-78.49	0.00029	78.49	-91.22	0.00033
77.07	-92.63	0.00034	75.66	-94.05	0.00035
74.25	-95.46	0.00036	72.83	-96.87	0.00037
70.71	-98.99	0.00039	67.18	-102.53	0.00042
63.64	-106.07	0.00045	56.57	-113.14	0.00049
49.50	-120.21	0.00052	42.43	-127.28	0.00055
35.36	-134.35	0.00056	28.28	-141.42	0.00058
21.21	-148.49	0.00059	14.14	-155.56	0.00059
162.63	-21.21	0.00013	155.56	-28.28	0.00014
148.49	-35.36	0.00015	141.42	-42.43	0.00016
134.35	-49.50	0.00017	127.28	-56.57	0.00019
120.21	-63.64	0.00021	113.14	-70.71	0.00023
109.60	-74.25	0.00023	106.07	-77.78	0.00024
103.94	-79.90	0.00024	102.53	-81.32	0.00025
101.12	-82.73	0.00025	99.70	-84.15	0.00025
98.29	-85.56	0.00025	85.56	-98.29	0.00028
84.15	-99.70	0.00029	82.73	-101.12	0.00030
81.32	-102.53	0.00031	79.90	-103.94	0.00032
77.78	-106.07	0.00033	74.25	-109.60	0.00035
70.71	-113.14	0.00037	63.64	-120.21	0.00041
56.57	-127.28	0.00044	49.50	-134.35	0.00046
42.43	-141.42	0.00047	35.36	-148.49	0.00049
28.28	-155.56	0.00050	21.21	-162.63	0.00050
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00015



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00016	134.35	-63.64	0.00017
127.28	-70.71	0.00019	120.21	-77.78	0.00020
116.67	-81.32	0.00021	113.14	-84.85	0.00021
111.02	-86.97	0.00021	109.60	-88.39	0.00022
108.19	-89.80	0.00022	106.77	-91.22	0.00022
105.36	-92.63	0.00022	92.63	-105.36	0.00024
91.22	-106.77	0.00025	89.80	-108.19	0.00026
88.39	-109.60	0.00026	86.97	-111.02	0.00027
84.85	-113.14	0.00028	81.32	-116.67	0.00030
77.78	-120.21	0.00032	70.71	-127.28	0.00035
63.64	-134.35	0.00037	56.57	-141.42	0.00039
49.50	-148.49	0.00040	42.43	-155.56	0.00042
35.36	-162.63	0.00042	28.28	-169.71	0.00043

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	0.00011	169.71	-42.43	0.00011
162.63	-49.50	0.00012	155.56	-56.57	0.00013
148.49	-63.64	0.00014	141.42	-70.71	0.00016
134.35	-77.78	0.00017	127.28	-84.85	0.00018
123.74	-88.39	0.00018	120.21	-91.92	0.00019
118.09	-94.05	0.00019	116.67	-95.46	0.00019
115.26	-96.87	0.00019	113.84	-98.29	0.00019
112.43	-99.70	0.00019	99.70	-112.43	0.00021
98.29	-113.84	0.00022	96.87	-115.26	0.00022
95.46	-116.67	0.00023	94.05	-118.09	0.00023
91.92	-120.21	0.00024	88.39	-123.74	0.00026
84.85	-127.28	0.00027	77.78	-134.35	0.00030
70.71	-141.42	0.00032	63.64	-148.49	0.00034
56.57	-155.56	0.00035	49.50	-162.63	0.00036
42.43	-169.71	0.00037	35.36	-176.78	0.00037
183.85	-42.43	0.00010	176.78	-49.50	0.00010
169.71	-56.57	0.00011	162.63	-63.64	0.00012
155.56	-70.71	0.00013	148.49	-77.78	0.00014
141.42	-84.85	0.00015	134.35	-91.92	0.00016
130.81	-95.46	0.00016	127.28	-98.99	0.00017
125.16	-101.12	0.00017	123.74	-102.53	0.00017

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00017	120.92	-105.36	0.00017
119.50	-106.77	0.00017	106.77	-119.50	0.00019
105.36	-120.92	0.00019	103.94	-122.33	0.00019
102.53	-123.74	0.00020	101.12	-125.16	0.00020
98.99	-127.28	0.00021	95.46	-130.81	0.00022
91.92	-134.35	0.00023	84.85	-141.42	0.00026
77.78	-148.49	0.00028	70.71	-155.56	0.00029
63.64	-162.63	0.00030	56.57	-169.71	0.00031
49.50	-176.78	0.00032	42.43	-183.85	0.00033
190.92	-49.50	0.00009	183.85	-56.57	0.00010
176.78	-63.64	0.00011	169.71	-70.71	0.00011
162.63	-77.78	0.00012	155.56	-84.85	0.00013
148.49	-91.92	0.00014	141.42	-98.99	0.00014
137.89	-102.53	0.00015	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00015
129.40	-111.02	0.00015	127.99	-112.43	0.00015
126.57	-113.84	0.00015	113.84	-126.57	0.00017
112.43	-127.99	0.00017	111.02	-129.40	0.00017
109.60	-130.81	0.00018	108.19	-132.23	0.00018

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	0.00018	102.53	-137.89	0.00019
98.99	-141.42	0.00020	91.92	-148.49	0.00022
84.85	-155.56	0.00024	77.78	-162.63	0.00026
70.71	-169.71	0.00027	63.64	-176.78	0.00028
56.57	-183.85	0.00028	49.50	-190.92	0.00029
197.99	-56.57	0.00008	190.92	-63.64	0.00009
183.85	-70.71	0.00010	176.78	-77.78	0.00010
169.71	-84.85	0.00011	162.63	-91.92	0.00012
155.56	-98.99	0.00012	148.49	-106.07	0.00013
144.96	-109.60	0.00013	141.42	-113.14	0.00014
139.30	-115.26	0.00014	137.89	-116.67	0.00014
136.47	-118.09	0.00014	135.06	-119.50	0.00014
133.64	-120.92	0.00014	120.92	-133.64	0.00015
119.50	-135.06	0.00015	118.09	-136.47	0.00015
116.67	-137.89	0.00016	115.26	-139.30	0.00016

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00016	109.60	-144.96	0.00017
106.07	-148.49	0.00018	98.99	-155.56	0.00020
91.92	-162.63	0.00021	84.85	-169.71	0.00023
77.78	-176.78	0.00024	70.71	-183.85	0.00024
63.64	-190.92	0.00025	56.57	-197.99	0.00026
205.06	-63.64	0.00008	197.99	-70.71	0.00009
190.92	-77.78	0.00009	183.85	-84.85	0.00010
176.78	-91.92	0.00010	169.71	-98.99	0.00011
162.63	-106.07	0.00011	155.56	-113.14	0.00012
152.03	-116.67	0.00012	148.49	-120.21	0.00012
146.37	-122.33	0.00012	144.96	-123.74	0.00012
143.54	-125.16	0.00012	142.13	-126.57	0.00012
140.71	-127.99	0.00013	127.99	-140.71	0.00013
126.57	-142.13	0.00014	125.16	-143.54	0.00014
123.74	-144.96	0.00014	122.33	-146.37	0.00014
120.21	-148.49	0.00015	116.67	-152.03	0.00015
113.14	-155.56	0.00016	106.07	-162.63	0.00017
98.99	-169.71	0.00019	91.92	-176.78	0.00020
84.85	-183.85	0.00021	77.78	-190.92	0.00022
70.71	-197.99	0.00022	63.64	-205.06	0.00023
212.13	-70.71	0.00008	205.06	-77.78	0.00008
197.99	-84.85	0.00009	190.92	-91.92	0.00009
183.85	-98.99	0.00009	176.78	-106.07	0.00010
169.71	-113.14	0.00010	162.63	-120.21	0.00011
159.10	-123.74	0.00011	155.56	-127.28	0.00011

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

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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	0.00011	152.03	-130.81	0.00011
150.61	-132.23	0.00011	149.20	-133.64	0.00011
147.79	-135.06	0.00011	135.06	-147.79	0.00012
133.64	-149.20	0.00012	132.23	-150.61	0.00012
130.81	-152.03	0.00013	129.40	-153.44	0.00013
127.28	-155.56	0.00013	123.74	-159.10	0.00014
120.21	-162.63	0.00014	113.14	-169.71	0.00016
106.07	-176.78	0.00017	98.99	-183.85	0.00018
91.92	-190.92	0.00019	84.85	-197.99	0.00019

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00020	70.71	-212.13	0.00020
219.20	-77.78	0.00007	212.13	-84.85	0.00008
205.06	-91.92	0.00008	197.99	-98.99	0.00008
190.92	-106.07	0.00009	183.85	-113.14	0.00009
176.78	-120.21	0.00010	169.71	-127.28	0.00010
166.17	-130.81	0.00010	162.63	-134.35	0.00010
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	0.00011
140.71	-156.27	0.00011	139.30	-157.68	0.00011
137.89	-159.10	0.00011	136.47	-160.51	0.00012
134.35	-162.63	0.00012	130.81	-166.17	0.00012
127.28	-169.71	0.00013	120.21	-176.78	0.00014
113.14	-183.85	0.00015	106.07	-190.92	0.00016
98.99	-197.99	0.00017	91.92	-205.06	0.00017
84.85	-212.13	0.00018	77.78	-219.20	0.00018
226.27	-84.85	0.00007	219.20	-91.92	0.00007
212.13	-98.99	0.00007	205.06	-106.07	0.00008
197.99	-113.14	0.00008	190.92	-120.21	0.00009
183.85	-127.28	0.00009	176.78	-134.35	0.00009
173.24	-137.89	0.00009	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	0.00010
161.93	-149.20	0.00010	149.20	-161.93	0.00010
147.79	-163.34	0.00010	146.37	-164.76	0.00010
144.96	-166.17	0.00010	143.54	-167.58	0.00011
141.42	-169.71	0.00011	137.89	-173.24	0.00011
134.35	-176.78	0.00012	127.28	-183.85	0.00013
120.21	-190.92	0.00014	113.14	-197.99	0.00014
106.07	-205.06	0.00015	98.99	-212.13	0.00016
91.92	-219.20	0.00016	84.85	-226.27	0.00017

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

18:55:26  
 \*\*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	0.00006	226.27	-98.99	0.00007
219.20	-106.07	0.00007	212.13	-113.14	0.00007
205.06	-120.21	0.00008	197.99	-127.28	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00008	183.85	-141.42	0.00008
180.31	-144.96	0.00009	176.78	-148.49	0.00009
174.66	-150.61	0.00009	173.24	-152.03	0.00009
171.83	-153.44	0.00009	170.41	-154.86	0.00009
169.00	-156.27	0.00009	156.27	-169.00	0.00009
154.86	-170.41	0.00009	153.44	-171.83	0.00009
152.03	-173.24	0.00010	150.61	-174.66	0.00010
148.49	-176.78	0.00010	144.96	-180.31	0.00010
141.42	-183.85	0.00011	134.35	-190.92	0.00011
127.28	-197.99	0.00012	120.21	-205.06	0.00013
113.14	-212.13	0.00014	106.07	-219.20	0.00014
98.99	-226.27	0.00015	91.92	-233.35	0.00015
240.42	-98.99	0.00006	233.35	-106.07	0.00006
226.27	-113.14	0.00007	219.20	-120.21	0.00007
212.13	-127.28	0.00007	205.06	-134.35	0.00007
197.99	-141.42	0.00008	190.92	-148.49	0.00008
187.38	-152.03	0.00008	183.85	-155.56	0.00008
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	0.00009
161.93	-177.48	0.00009	160.51	-178.90	0.00009
159.10	-180.31	0.00009	157.68	-181.73	0.00009
155.56	-183.85	0.00009	152.03	-187.38	0.00009
148.49	-190.92	0.00010	141.42	-197.99	0.00010
134.35	-205.06	0.00011	127.28	-212.13	0.00012
120.21	-219.20	0.00012	113.14	-226.27	0.00013
106.07	-233.35	0.00013	98.99	-240.42	0.00014
247.49	-106.07	0.00006	240.42	-113.14	0.00006
233.35	-120.21	0.00006	226.27	-127.28	0.00006
219.20	-134.35	0.00007	212.13	-141.42	0.00007
205.06	-148.49	0.00007	197.99	-155.56	0.00007
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	0.00008
183.14	-170.41	0.00008	170.41	-183.14	0.00008
169.00	-184.55	0.00008	167.58	-185.97	0.00008
166.17	-187.38	0.00008	164.76	-188.80	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\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

19NCRA\_NAPA00-300\_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	0.00008	159.10	-194.45	0.00009
155.56	-197.99	0.00009	148.49	-205.06	0.00010
141.42	-212.13	0.00010	134.35	-219.20	0.00011
127.28	-226.27	0.00011	120.21	-233.35	0.00012
113.14	-240.42	0.00012	106.07	-247.49	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\_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	0.00080	-113.14	240.42	0.00078
-120.21	233.35	0.00074	-127.28	226.27	0.00067
-134.35	219.20	0.00060	-141.42	212.13	0.00053
-148.49	205.06	0.00046	-155.56	197.99	0.00040
-159.10	194.45	0.00038	-162.63	190.92	0.00036
-164.76	188.80	0.00035	-166.17	187.38	0.00034
-167.58	185.97	0.00033	-169.00	184.55	0.00033
-170.41	183.14	0.00032	-183.14	170.41	0.00028
-184.55	169.00	0.00027	-185.97	167.58	0.00027
-187.38	166.17	0.00026	-188.80	164.76	0.00026
-190.92	162.63	0.00025	-194.45	159.10	0.00025
-197.99	155.56	0.00024	-205.06	148.49	0.00022
-212.13	141.42	0.00021	-219.20	134.35	0.00021
-226.27	127.28	0.00020	-233.35	120.21	0.00020
-240.42	113.14	0.00020	-247.49	106.07	0.00020
-98.99	240.42	0.00089	-106.07	233.35	0.00090
-113.14	226.27	0.00087	-120.21	219.20	0.00080
-127.28	212.13	0.00072	-134.35	205.06	0.00063
-141.42	197.99	0.00054	-148.49	190.92	0.00047
-152.03	187.38	0.00044	-155.56	183.85	0.00041
-157.68	181.73	0.00040	-159.10	180.31	0.00039
-160.51	178.90	0.00038	-161.93	177.48	0.00037
-163.34	176.07	0.00037	-176.07	163.34	0.00031
-177.48	161.93	0.00030	-178.90	160.51	0.00030
-180.31	159.10	0.00029	-181.73	157.68	0.00029
-183.85	155.56	0.00028	-187.38	152.03	0.00027

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00025
-205.06	134.35	0.00024	-212.13	127.28	0.00023
-219.20	120.21	0.00023	-226.27	113.14	0.00023
-233.35	106.07	0.00022	-240.42	98.99	0.00022
-91.92	233.35	0.00099	-99.00	226.27	0.00102
-106.07	219.20	0.00101	-113.14	212.13	0.00096
-120.21	205.06	0.00088	-127.28	197.99	0.00077
-134.35	190.92	0.00065	-141.42	183.85	0.00056
-144.96	180.31	0.00052	-148.49	176.78	0.00048
-150.61	174.66	0.00046	-152.03	173.24	0.00045
-153.44	171.83	0.00044	-154.86	170.41	0.00043
-156.27	169.00	0.00042	-169.00	156.27	0.00035
-170.41	154.86	0.00034	-171.83	153.44	0.00034
-173.24	152.03	0.00033	-174.66	150.61	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 \*\*\*

\*\* 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	0.00032	-180.31	144.96	0.00031
-183.85	141.42	0.00029	-190.92	134.35	0.00028
-197.99	127.28	0.00027	-205.06	120.21	0.00026
-212.13	113.14	0.00026	-219.20	106.07	0.00026
-226.27	98.99	0.00026	-233.35	91.92	0.00026
-84.85	226.27	0.00108	-91.92	219.20	0.00114
-99.00	212.13	0.00117	-106.07	205.06	0.00115
-113.14	197.99	0.00107	-120.21	190.92	0.00095
-127.28	183.85	0.00081	-134.35	176.78	0.00068
-137.89	173.24	0.00062	-141.42	169.71	0.00057
-143.54	167.58	0.00055	-144.96	166.17	0.00053
-146.37	164.76	0.00051	-147.79	163.34	0.00050
-149.20	161.93	0.00049	-161.93	149.20	0.00040
-163.34	147.79	0.00039	-164.76	146.37	0.00038
-166.17	144.96	0.00038	-167.58	143.54	0.00037
-169.71	141.42	0.00036	-173.24	137.89	0.00034
-176.78	134.35	0.00033	-183.85	127.28	0.00031
-190.92	120.21	0.00031	-197.99	113.14	0.00030
-205.06	106.07	0.00030	-212.13	98.99	0.00029
-219.20	91.92	0.00030	-226.27	84.85	0.00030

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00116	-84.85	212.13	0.00126
-91.92	205.06	0.00133	-99.00	197.99	0.00135
-106.07	190.92	0.00131	-113.14	183.85	0.00119
-120.21	176.78	0.00101	-127.28	169.71	0.00084
-130.81	166.17	0.00076	-134.35	162.63	0.00069
-136.47	160.51	0.00065	-137.89	159.10	0.00063
-139.30	157.68	0.00061	-140.71	156.27	0.00059
-142.13	154.86	0.00057	-154.86	142.13	0.00046
-156.27	140.71	0.00045	-157.68	139.30	0.00044
-159.10	137.89	0.00043	-160.51	136.47	0.00042
-162.63	134.35	0.00041	-166.17	130.81	0.00039
-169.71	127.28	0.00038	-176.78	120.21	0.00036
-183.85	113.14	0.00035	-190.92	106.07	0.00035
-197.99	98.99	0.00034	-205.06	91.92	0.00035
-212.13	84.85	0.00035	-219.20	77.78	0.00036
-70.71	212.13	0.00123	-77.78	205.06	0.00137
-84.85	197.99	0.00148	-91.92	190.92	0.00157
-98.99	183.85	0.00158	-106.07	176.78	0.00150
-113.14	169.71	0.00131	-120.21	162.63	0.00107
-123.74	159.10	0.00095	-127.28	155.56	0.00085

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

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

18:55:26

\*\*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	0.00080	-130.81	152.03	0.00077
-132.23	150.61	0.00074	-133.64	149.20	0.00071
-135.06	147.79	0.00068	-147.79	135.06	0.00053
-149.20	133.64	0.00051	-150.61	132.23	0.00050
-152.03	130.81	0.00049	-153.44	129.40	0.00048
-155.56	127.28	0.00047	-159.10	123.74	0.00045
-162.63	120.21	0.00043	-169.71	113.14	0.00042
-176.78	106.07	0.00041	-183.85	98.99	0.00041
-190.92	91.92	0.00041	-197.99	84.85	0.00042
-205.06	77.78	0.00042	-212.13	70.71	0.00043
-63.64	205.06	0.00129	-70.71	197.99	0.00146
-77.78	190.92	0.00162	-84.85	183.85	0.00177
-91.92	176.78	0.00187	-98.99	169.71	0.00187
-106.07	162.63	0.00171	-113.14	155.56	0.00141



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00125	-120.21	148.49	0.00109
-122.33	146.37	0.00101	-123.74	144.96	0.00096
-125.16	143.54	0.00092	-126.57	142.13	0.00087
-127.99	140.71	0.00083	-140.71	127.99	0.00061
-142.13	126.57	0.00060	-143.54	125.16	0.00058
-144.96	123.74	0.00057	-146.37	122.33	0.00056
-148.49	120.21	0.00054	-152.03	116.67	0.00052
-155.56	113.14	0.00051	-162.63	106.07	0.00049
-169.71	98.99	0.00049	-176.78	91.92	0.00049
-183.85	84.85	0.00051	-190.92	77.78	0.00051
-197.99	70.71	0.00051	-205.06	63.64	0.00051
-56.57	197.99	0.00134	-63.64	190.92	0.00154
-70.71	183.85	0.00175	-77.78	176.78	0.00196
-84.85	169.71	0.00215	-91.92	162.63	0.00226
-98.99	155.56	0.00222	-106.07	148.49	0.00192
-109.60	144.96	0.00170	-113.14	141.42	0.00147
-115.26	139.30	0.00134	-116.67	137.89	0.00125
-118.09	136.47	0.00118	-119.50	135.06	0.00111
-120.92	133.64	0.00105	-133.64	120.92	0.00072
-135.06	119.50	0.00070	-136.47	118.09	0.00068
-137.89	116.67	0.00067	-139.30	115.26	0.00065
-141.42	113.14	0.00063	-144.96	109.60	0.00061
-148.49	106.07	0.00060	-155.56	98.99	0.00059
-162.63	91.92	0.00060	-169.71	84.85	0.00062
-176.78	77.78	0.00063	-183.85	70.71	0.00063
-190.92	63.64	0.00062	-197.99	56.57	0.00061

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

18:55:26  
 \*\*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	190.92	0.00136	-56.57	183.85	0.00159
-63.64	176.78	0.00185	-70.71	169.71	0.00213
-77.78	162.63	0.00240	-84.85	155.56	0.00264
-91.92	148.49	0.00278	-98.99	141.42	0.00264
-102.53	137.89	0.00241	-106.07	134.35	0.00209
-108.19	132.23	0.00188	-109.60	130.81	0.00174
-111.02	129.40	0.00161	-112.43	127.99	0.00148
-113.84	126.57	0.00137	-126.57	113.84	0.00085

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00083	-129.40	111.02	0.00081
-130.81	109.60	0.00079	-132.23	108.19	0.00077
-134.35	106.07	0.00076	-137.89	102.53	0.00074
-141.42	98.99	0.00074	-148.49	91.92	0.00075
-155.56	84.85	0.00078	-162.63	77.78	0.00079
-169.71	70.71	0.00079	-176.78	63.64	0.00078
-183.85	56.57	0.00076	-190.92	49.50	0.00073
-42.43	183.85	0.00136	-49.50	176.78	0.00161
-56.57	169.71	0.00191	-63.64	162.63	0.00225
-70.71	155.56	0.00262	-77.78	148.49	0.00300
-84.85	141.42	0.00332	-91.92	134.35	0.00347
-95.46	130.81	0.00338	-98.99	127.28	0.00310
-101.12	125.16	0.00282	-102.53	123.74	0.00261
-103.94	122.33	0.00239	-105.36	120.92	0.00216
-106.77	119.50	0.00194	-119.50	106.77	0.00102
-120.92	105.36	0.00099	-122.33	103.94	0.00097
-123.74	102.53	0.00096	-125.16	101.12	0.00094
-127.28	98.99	0.00094	-130.81	95.46	0.00094
-134.35	91.92	0.00096	-141.42	84.85	0.00100
-148.49	77.78	0.00103	-155.56	70.71	0.00102
-162.63	63.64	0.00100	-169.71	56.57	0.00096
-176.78	49.50	0.00091	-183.85	42.43	0.00086
-35.36	176.78	0.00134	-42.43	169.71	0.00160
-49.50	162.63	0.00193	-56.57	155.56	0.00233
-63.64	148.49	0.00278	-70.71	141.42	0.00329
-77.78	134.35	0.00380	-84.85	127.28	0.00424
-88.39	123.74	0.00439	-91.92	120.21	0.00438
-94.05	118.09	0.00426	-95.46	116.67	0.00409
-96.87	115.26	0.00384	-98.29	113.84	0.00351
-99.70	112.43	0.00313	-112.43	99.70	0.00126
-113.84	98.29	0.00124	-115.26	96.87	0.00122
-116.67	95.46	0.00122	-118.09	94.05	0.00123

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 87  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00125	-123.74	88.39	0.00129
-127.28	84.85	0.00133	-134.35	77.78	0.00137

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00136	-148.49	63.64	0.00131
-155.56	56.57	0.00124	-162.63	49.50	0.00116
-169.71	42.43	0.00108	-176.78	35.36	0.00100
-28.28	169.71	0.00131	-35.36	162.63	0.00157
-42.43	155.56	0.00191	-49.50	148.49	0.00234
-56.57	141.42	0.00287	-63.64	134.35	0.00348
-70.71	127.28	0.00416	-77.78	120.21	0.00487
-81.32	116.67	0.00522	-84.85	113.14	0.00552
-86.97	111.02	0.00565	-88.39	109.60	0.00569
-89.80	108.19	0.00569	-91.22	106.77	0.00560
-92.63	105.36	0.00537	-105.36	92.63	0.00178
-106.77	91.22	0.00180	-108.19	89.80	0.00182
-109.60	88.39	0.00183	-111.02	86.97	0.00185
-113.14	84.85	0.00187	-116.67	81.32	0.00189
-120.21	77.78	0.00190	-127.28	70.71	0.00185
-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	0.00125	-169.71	28.28	0.00114
-21.21	162.63	0.00126	-28.28	155.56	0.00151
-35.36	148.49	0.00185	-42.43	141.42	0.00229
-49.50	134.35	0.00286	-56.57	127.28	0.00356
-63.64	120.21	0.00437	-70.71	113.14	0.00527
-74.25	109.60	0.00575	-77.78	106.07	0.00622
-79.90	103.94	0.00647	-81.32	102.53	0.00660
-82.73	101.12	0.00671	-84.15	99.70	0.00685
-85.56	98.29	0.00692	-98.29	85.56	0.00333
-99.70	84.15	0.00313	-101.12	82.73	0.00300
-102.53	81.32	0.00290	-103.94	79.90	0.00283
-106.07	77.78	0.00274	-109.60	74.25	0.00264
-113.14	70.71	0.00256	-120.21	63.64	0.00237
-127.28	56.57	0.00217	-134.35	49.50	0.00196
-141.42	42.43	0.00176	-148.49	35.36	0.00158
-155.56	28.28	0.00141	-162.63	21.21	0.00127
-14.14	155.56	0.00119	-21.21	148.49	0.00143
-28.28	141.42	0.00175	-35.36	134.35	0.00218
-42.43	127.28	0.00276	-49.50	120.21	0.00350
-56.57	113.14	0.00441	-63.64	106.07	0.00543
-67.18	102.53	0.00596	-70.71	98.99	0.00649

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

18:55:26  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

19NCRA\_NAPA00-300\_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	0.00675	-74.25	95.46	0.00689
-75.66	94.05	0.00699	-77.07	92.63	0.00707
-78.49	91.22	0.00715	-91.22	78.49	0.00422
-92.63	77.07	0.00407	-94.05	75.66	0.00395
-95.46	74.25	0.00385	-96.87	72.83	0.00376
-98.99	70.71	0.00363	-102.53	67.18	0.00344
-106.07	63.64	0.00326	-113.14	56.57	0.00292
-120.21	49.50	0.00259	-127.28	42.43	0.00229
-134.35	35.36	0.00202	-141.42	28.28	0.00178
-148.49	21.21	0.00157	-155.56	14.14	0.00139
-7.07	148.49	0.00111	-14.14	141.42	0.00133
-21.21	134.35	0.00163	-28.28	127.28	0.00202
-35.36	120.21	0.00257	-42.43	113.14	0.00331
-49.50	106.07	0.00426	-56.57	98.99	0.00537
-60.10	95.46	0.00594	-63.64	91.92	0.00648
-65.76	89.80	0.00676	-67.18	88.39	0.00692
-68.59	86.97	0.00703	-70.00	85.56	0.00710
-71.42	84.15	0.00718	-84.15	71.42	0.00456
-85.56	70.00	0.00445	-86.97	68.59	0.00437
-88.39	67.18	0.00431	-89.80	65.76	0.00425
-91.92	63.64	0.00416	-95.46	60.10	0.00400
-98.99	56.57	0.00382	-106.07	49.50	0.00342
-113.14	42.43	0.00300	-120.21	35.36	0.00262
-127.28	28.28	0.00227	-134.35	21.21	0.00197
-141.42	14.14	0.00171	-148.49	7.07	0.00150
0.00	141.42	0.00102	-7.07	134.35	0.00122
-14.14	127.28	0.00149	-21.21	120.21	0.00184
-28.28	113.14	0.00232	-35.36	106.07	0.00300
-42.43	98.99	0.00394	-49.50	91.92	0.00512
-53.03	88.39	0.00574	-56.57	84.85	0.00632
-58.69	82.73	0.00664	-60.10	81.32	0.00682
-61.52	79.90	0.00696	-62.93	78.49	0.00705
-64.35	77.07	0.00713	-77.07	64.35	0.00471
-78.49	62.93	0.00463	-79.90	61.52	0.00457
-81.32	60.10	0.00453	-82.73	58.69	0.00449
-84.85	56.57	0.00443	-88.39	53.03	0.00431
-91.92	49.50	0.00416	-98.99	42.43	0.00377
-106.07	35.36	0.00332	-113.14	28.28	0.00288
-120.21	21.21	0.00247	-127.28	14.14	0.00212
-134.35	7.07	0.00183	-141.42	0.00	0.00159

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

\*\*\* 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
7.07	134.35	0.00092	0.00	127.28	0.00110
-7.07	120.21	0.00133	-14.14	113.14	0.00163
-21.21	106.07	0.00204	-28.28	98.99	0.00262
-35.36	91.92	0.00346	-42.43	84.85	0.00464
-45.96	81.32	0.00533	-49.50	77.78	0.00601
-51.62	75.66	0.00637	-53.03	74.25	0.00658
-54.45	72.83	0.00676	-55.86	71.42	0.00689
-57.28	70.00	0.00697	-70.00	57.28	0.00476
-71.42	55.86	0.00469	-72.83	54.45	0.00465
-74.25	53.03	0.00462	-75.66	51.62	0.00460
-77.78	49.50	0.00455	-81.32	45.96	0.00446
-84.85	42.43	0.00433	-91.92	35.36	0.00396
-98.99	28.28	0.00351	-106.07	21.21	0.00304
-113.14	14.14	0.00260	-120.21	7.07	0.00223
-127.28	0.00	0.00192	-134.35	-7.07	0.00166
14.14	127.28	0.00082	7.07	120.21	0.00097
0.00	113.14	0.00116	-7.07	106.07	0.00141
-14.14	98.99	0.00175	-21.21	91.92	0.00221
-28.28	84.85	0.00289	-35.36	77.78	0.00393
-38.89	74.25	0.00464	-42.43	70.71	0.00542
-44.55	68.59	0.00587	-45.96	67.18	0.00614
-47.38	65.76	0.00637	-48.79	64.35	0.00655
-50.20	62.93	0.00668	-62.93	50.20	0.00473
-64.35	48.79	0.00467	-65.76	47.38	0.00465
-67.18	45.96	0.00463	-68.59	44.55	0.00461
-70.71	42.43	0.00457	-74.25	38.89	0.00449
-77.78	35.36	0.00437	-84.85	28.28	0.00400
-91.92	21.21	0.00354	-98.99	14.14	0.00308
-106.07	7.07	0.00265	-113.14	0.00	0.00227
-120.21	-7.07	0.00195	-127.28	-14.14	0.00169
21.21	120.21	0.00073	14.14	113.14	0.00085
7.07	106.07	0.00100	0.00	98.99	0.00119
-7.07	91.92	0.00145	-14.14	84.85	0.00180
-21.21	77.78	0.00231	-28.28	70.71	0.00309

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00367	-35.36	63.64	0.00442
-37.48	61.52	0.00494	-38.89	60.10	0.00529
-40.31	58.69	0.00562	-41.72	57.28	0.00590
-43.13	55.86	0.00613	-55.86	43.13	0.00462
-57.28	41.72	0.00457	-58.69	40.31	0.00455
-60.10	38.89	0.00454	-61.52	37.48	0.00452

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
-63.64	35.36	0.00449	-67.18	31.82	0.00440
-70.71	28.28	0.00426	-77.78	21.21	0.00388
-84.85	14.14	0.00344	-91.92	7.07	0.00300
-98.99	0.00	0.00260	-106.07	-7.07	0.00224
-113.14	-14.14	0.00193	-120.21	-21.21	0.00168
28.28	113.14	0.00063	21.21	106.07	0.00073
14.14	98.99	0.00085	7.07	91.92	0.00099
0.00	84.85	0.00118	-7.07	77.78	0.00142
-14.14	70.71	0.00176	-21.21	63.64	0.00227
-24.75	60.10	0.00264	-28.28	56.57	0.00312
-30.41	54.45	0.00350	-31.82	53.03	0.00381
-33.23	51.62	0.00416	-34.65	50.20	0.00454
-36.06	48.79	0.00494	-48.79	36.06	0.00442
-50.20	34.65	0.00437	-51.62	33.23	0.00434
-53.03	31.82	0.00432	-54.45	30.41	0.00429
-56.57	28.28	0.00424	-60.10	24.75	0.00411
-63.64	21.21	0.00397	-70.71	14.14	0.00360
-77.78	7.07	0.00320	-84.85	0.00	0.00282
-91.92	-7.07	0.00246	-98.99	-14.14	0.00215
-106.07	-21.21	0.00187	-113.14	-28.28	0.00164
35.36	106.07	0.00054	28.28	98.99	0.00062
21.21	91.92	0.00070	14.14	84.85	0.00081
7.07	77.78	0.00093	0.00	70.71	0.00109
-7.07	63.64	0.00130	-14.14	56.57	0.00157
-17.68	53.03	0.00174	-21.21	49.50	0.00194
-23.33	47.38	0.00208	-24.75	45.96	0.00219
-26.16	44.55	0.00231	-27.58	43.13	0.00247
-28.99	41.72	0.00269	-41.72	28.99	0.00391

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00382	-44.55	26.16	0.00376
-45.96	24.75	0.00372	-47.38	23.33	0.00369
-49.50	21.21	0.00364	-53.03	17.68	0.00355
-56.57	14.14	0.00344	-63.64	7.07	0.00318
-70.71	0.00	0.00287	-77.78	-7.07	0.00256
-84.85	-14.14	0.00227	-91.92	-21.21	0.00201
-98.99	-28.28	0.00177	-106.07	-35.36	0.00157
42.43	98.99	0.00046	35.36	91.92	0.00052
28.28	84.85	0.00058	21.21	77.78	0.00065
14.14	70.71	0.00073	7.07	63.64	0.00082
0.00	56.57	0.00093	-7.07	49.50	0.00105
-10.61	45.96	0.00111	-14.14	42.43	0.00116

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

18:55:26  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00118	-17.68	38.89	0.00119
-19.09	37.48	0.00120	-20.51	36.06	0.00120
-21.92	34.65	0.00120	-34.65	21.92	0.00234
-36.06	20.51	0.00248	-37.48	19.09	0.00258
-38.89	17.68	0.00265	-40.31	16.26	0.00271
-42.43	14.14	0.00277	-45.96	10.61	0.00281
-49.50	7.07	0.00280	-56.57	0.00	0.00268
-63.64	-7.07	0.00249	-70.71	-14.14	0.00227
-77.78	-21.21	0.00205	-84.85	-28.28	0.00184
-91.92	-35.36	0.00165	-98.99	-42.43	0.00147
49.50	91.92	0.00039	42.43	84.85	0.00043
35.36	77.78	0.00047	28.28	70.71	0.00052
21.21	63.64	0.00057	14.14	56.57	0.00063
7.07	49.50	0.00068	0.00	42.43	0.00074
-3.54	38.89	0.00076	-7.07	35.36	0.00078
-9.19	33.23	0.00080	-10.61	31.82	0.00081
-12.02	30.41	0.00083	-13.44	28.99	0.00085
-14.85	27.58	0.00087	-27.58	14.85	0.00139
-28.99	13.44	0.00149	-30.41	12.02	0.00159
-31.82	10.61	0.00168	-33.23	9.19	0.00176
-35.36	7.07	0.00187	-38.89	3.54	0.00201
-42.43	0.00	0.00209	-49.50	-7.07	0.00214

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00207	-63.64	-21.21	0.00195
-70.71	-28.28	0.00180	-77.78	-35.36	0.00165
-84.85	-42.43	0.00150	-91.92	-49.50	0.00136
56.57	84.85	0.00034	49.50	77.78	0.00036
42.43	70.71	0.00039	35.36	63.64	0.00042
28.28	56.57	0.00045	21.21	49.50	0.00048
14.14	42.43	0.00052	7.07	35.36	0.00055
3.54	31.82	0.00058	0.00	28.28	0.00061
-2.12	26.16	0.00063	-3.54	24.75	0.00065
-4.95	23.33	0.00067	-6.36	21.92	0.00068
-7.78	20.51	0.00070	-20.51	7.78	0.00099
-21.92	6.36	0.00105	-23.33	4.95	0.00111
-24.75	3.54	0.00117	-26.16	2.12	0.00122
-28.28	0.00	0.00130	-31.82	-3.54	0.00141
-35.36	-7.07	0.00150	-42.43	-14.14	0.00162
-49.50	-21.21	0.00164	-56.57	-28.28	0.00160
-63.64	-35.36	0.00153	-70.71	-42.43	0.00144
-77.78	-49.50	0.00133	-84.85	-56.57	0.00123

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
63.64	77.78	0.00028	56.57	70.71	0.00030
49.50	63.64	0.00032	42.43	56.57	0.00034
35.36	49.50	0.00036	28.28	42.43	0.00039
21.21	35.36	0.00041	14.14	28.28	0.00045
10.61	24.75	0.00048	7.07	21.21	0.00051
4.95	19.09	0.00053	3.54	17.68	0.00054
2.12	16.26	0.00055	0.71	14.85	0.00056
-0.71	13.44	0.00057	-13.44	0.71	0.00075
-14.85	-0.71	0.00079	-16.26	-2.12	0.00083
-17.68	-3.54	0.00087	-19.09	-4.95	0.00091
-21.21	-7.07	0.00096	-24.75	-10.61	0.00104
-28.28	-14.14	0.00110	-35.36	-21.21	0.00121
-42.43	-28.28	0.00127	-49.50	-35.36	0.00128
-56.57	-42.43	0.00126	-63.64	-49.50	0.00122
-70.71	-56.57	0.00116	-77.78	-63.64	0.00109
70.71	70.71	0.00024	63.64	63.64	0.00025



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00027	49.50	49.50	0.00028
42.43	42.43	0.00030	35.36	35.36	0.00032
28.28	28.28	0.00034	21.21	21.21	0.00039
17.68	17.68	0.00041	14.14	14.14	0.00043
12.02	12.02	0.00044	10.61	10.61	0.00045
9.19	9.19	0.00046	7.78	7.78	0.00047
6.36	6.36	0.00047	-6.36	-6.36	0.00059
-7.78	-7.78	0.00062	-9.19	-9.19	0.00065
-10.61	-10.61	0.00068	-12.02	-12.02	0.00070
-14.14	-14.14	0.00074	-17.68	-17.68	0.00080
-21.21	-21.21	0.00085	-28.28	-28.28	0.00093
-35.36	-35.36	0.00098	-42.43	-42.43	0.00102
-49.50	-49.50	0.00103	-56.57	-56.57	0.00101
-63.64	-63.64	0.00099	-70.71	-70.71	0.00095
77.78	63.64	0.00021	70.71	56.57	0.00021
63.64	49.50	0.00022	56.57	42.43	0.00024
49.50	35.36	0.00025	42.43	28.28	0.00027
35.36	21.21	0.00030	28.28	14.14	0.00033
24.75	10.61	0.00035	21.21	7.07	0.00037
19.09	4.95	0.00038	17.68	3.54	0.00038
16.26	2.12	0.00039	14.85	0.71	0.00039
13.44	-0.71	0.00040	0.71	-13.44	0.00048
-0.71	-14.85	0.00050	-2.12	-16.26	0.00052
-3.54	-17.68	0.00054	-4.95	-19.09	0.00056

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

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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
-7.07	-21.21	0.00059	-10.61	-24.75	0.00063
-14.14	-28.28	0.00067	-21.21	-35.36	0.00073
-28.28	-42.43	0.00078	-35.36	-49.50	0.00081
-42.43	-56.57	0.00083	-49.50	-63.64	0.00084
-56.57	-70.71	0.00083	-63.64	-77.78	0.00081
84.85	56.57	0.00018	77.78	49.50	0.00018
70.71	42.43	0.00019	63.64	35.36	0.00020
56.57	28.28	0.00022	49.50	21.21	0.00024
42.43	14.14	0.00026	35.36	7.07	0.00029
31.82	3.54	0.00030	28.28	0.00	0.00032

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00032	24.75	-3.54	0.00033
23.33	-4.95	0.00033	21.92	-6.36	0.00034
20.51	-7.78	0.00034	7.78	-20.51	0.00040
6.36	-21.92	0.00041	4.95	-23.33	0.00042
3.54	-24.75	0.00044	2.12	-26.16	0.00045
0.00	-28.28	0.00048	-3.54	-31.82	0.00051
-7.07	-35.36	0.00054	-14.14	-42.43	0.00059
-21.21	-49.50	0.00063	-28.28	-56.57	0.00066
-35.36	-63.64	0.00068	-42.43	-70.71	0.00069
-49.50	-77.78	0.00070	-56.57	-84.85	0.00069
91.92	49.50	0.00015	84.85	42.43	0.00016
77.78	35.36	0.00017	70.71	28.28	0.00018
63.64	21.21	0.00019	56.57	14.14	0.00021
49.50	7.07	0.00023	42.43	0.00	0.00026
38.89	-3.54	0.00027	35.36	-7.07	0.00028
33.23	-9.19	0.00028	31.82	-10.61	0.00028
30.41	-12.02	0.00029	28.99	-13.44	0.00029
27.58	-14.85	0.00029	14.85	-27.58	0.00033
13.44	-28.99	0.00034	12.02	-30.41	0.00035
10.61	-31.82	0.00036	9.19	-33.23	0.00037
7.07	-35.36	0.00039	3.54	-38.89	0.00042
0.00	-42.43	0.00045	-7.07	-49.50	0.00049
-14.14	-56.57	0.00052	-21.21	-63.64	0.00055
-28.28	-70.71	0.00056	-35.36	-77.78	0.00058
-42.43	-84.85	0.00059	-49.50	-91.92	0.00059
98.99	42.43	0.00013	91.92	35.36	0.00014
84.85	28.28	0.00015	77.78	21.21	0.00016
70.71	14.14	0.00017	63.64	7.07	0.00019
56.57	0.00	0.00021	49.50	-7.07	0.00023
45.96	-10.61	0.00023	42.43	-14.14	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\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00025
34.65	-21.92	0.00025	21.92	-34.65	0.00028
20.51	-36.06	0.00029	19.09	-37.48	0.00030

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00031	16.26	-40.31	0.00032
14.14	-42.43	0.00033	10.61	-45.96	0.00035
7.07	-49.50	0.00037	0.00	-56.57	0.00041
-7.07	-63.64	0.00044	-14.14	-70.71	0.00046
-21.21	-77.78	0.00047	-28.28	-84.85	0.00049
-35.36	-91.92	0.00050	-42.43	-98.99	0.00050
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00015
77.78	7.07	0.00016	70.71	0.00	0.00017
63.64	-7.07	0.00019	56.57	-14.14	0.00020
53.03	-17.68	0.00021	49.50	-21.21	0.00021
47.38	-23.33	0.00021	45.96	-24.75	0.00022
44.55	-26.16	0.00022	43.13	-27.58	0.00022
41.72	-28.99	0.00022	28.99	-41.72	0.00024
27.58	-43.13	0.00025	26.16	-44.55	0.00026
24.75	-45.96	0.00026	23.33	-47.38	0.00027
21.21	-49.50	0.00028	17.68	-53.03	0.00030
14.14	-56.57	0.00032	7.07	-63.64	0.00035
0.00	-70.71	0.00037	-7.07	-77.78	0.00039
-14.14	-84.85	0.00040	-21.21	-91.92	0.00042
-28.28	-98.99	0.00042	-35.36	-106.07	0.00043
113.14	28.28	0.00011	106.07	21.21	0.00011
98.99	14.14	0.00012	91.92	7.07	0.00013
84.85	0.00	0.00014	77.78	-7.07	0.00016
70.71	-14.14	0.00017	63.64	-21.21	0.00018
60.10	-24.75	0.00018	56.57	-28.28	0.00019
54.45	-30.41	0.00019	53.03	-31.82	0.00019
51.62	-33.23	0.00019	50.20	-34.65	0.00019
48.79	-36.06	0.00019	36.06	-48.79	0.00021
34.65	-50.20	0.00022	33.23	-51.62	0.00022
31.82	-53.03	0.00023	30.41	-54.45	0.00023
28.28	-56.57	0.00024	24.75	-60.10	0.00026
21.21	-63.64	0.00027	14.14	-70.71	0.00030
7.07	-77.78	0.00032	0.00	-84.85	0.00034
-7.07	-91.92	0.00035	-14.14	-98.99	0.00036
-21.21	-106.07	0.00037	-28.28	-113.14	0.00037

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 \*\*\*

19NCRA\_NAPA00-300\_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	0.00010	113.14	14.14	0.00010
106.07	7.07	0.00011	98.99	0.00	0.00012
91.92	-7.07	0.00013	84.85	-14.14	0.00014
77.78	-21.21	0.00015	70.71	-28.28	0.00016
67.18	-31.82	0.00016	63.64	-35.36	0.00017
61.52	-37.48	0.00017	60.10	-38.89	0.00017
58.69	-40.31	0.00017	57.28	-41.72	0.00017
55.86	-43.13	0.00017	43.13	-55.86	0.00019
41.72	-57.28	0.00019	40.31	-58.69	0.00019
38.89	-60.10	0.00020	37.48	-61.52	0.00020
35.36	-63.64	0.00021	31.82	-67.18	0.00022
28.28	-70.71	0.00023	21.21	-77.78	0.00026
14.14	-84.85	0.00028	7.07	-91.92	0.00029
0.00	-98.99	0.00030	-7.07	-106.07	0.00031
-14.14	-113.14	0.00032	-21.21	-120.21	0.00033
127.28	14.14	0.00009	120.21	7.07	0.00010
113.14	0.00	0.00011	106.07	-7.07	0.00011
98.99	-14.14	0.00012	91.92	-21.21	0.00013
84.85	-28.28	0.00014	77.78	-35.36	0.00014
74.25	-38.89	0.00015	70.71	-42.43	0.00015
68.59	-44.55	0.00015	67.18	-45.96	0.00015
65.76	-47.38	0.00015	64.35	-48.79	0.00015
62.93	-50.20	0.00015	50.20	-62.93	0.00017
48.79	-64.35	0.00017	47.38	-65.76	0.00017
45.96	-67.18	0.00018	44.55	-68.59	0.00018
42.43	-70.71	0.00018	38.89	-74.25	0.00019
35.36	-77.78	0.00020	28.28	-84.85	0.00022
21.21	-91.92	0.00024	14.14	-98.99	0.00026
7.07	-106.07	0.00027	0.00	-113.14	0.00028
-7.07	-120.21	0.00028	-14.14	-127.28	0.00029
134.35	7.07	0.00008	127.28	0.00	0.00009
120.21	-7.07	0.00010	113.14	-14.14	0.00010
106.07	-21.21	0.00011	98.99	-28.28	0.00012
91.92	-35.36	0.00012	84.85	-42.43	0.00013
81.32	-45.96	0.00013	77.78	-49.50	0.00014
75.66	-51.62	0.00014	74.25	-53.03	0.00014
72.83	-54.45	0.00014	71.42	-55.86	0.00014
70.00	-57.28	0.00014	57.28	-70.00	0.00015
55.86	-71.42	0.00015	54.45	-72.83	0.00015
53.03	-74.25	0.00016	51.62	-75.66	0.00016

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\_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	0.00016	45.96	-81.32	0.00017
42.43	-84.85	0.00018	35.36	-91.92	0.00020
28.28	-98.99	0.00021	21.21	-106.07	0.00023
14.14	-113.14	0.00024	7.07	-120.21	0.00024
0.00	-127.28	0.00025	-7.07	-134.35	0.00026
141.42	0.00	0.00008	134.35	-7.07	0.00009
127.28	-14.14	0.00009	120.21	-21.21	0.00010
113.14	-28.28	0.00010	106.07	-35.36	0.00011
98.99	-42.43	0.00011	91.92	-49.50	0.00012
88.39	-53.03	0.00012	84.85	-56.57	0.00012
82.73	-58.69	0.00012	81.32	-60.10	0.00012
79.90	-61.52	0.00012	78.49	-62.93	0.00012
77.07	-64.35	0.00013	64.35	-77.07	0.00013
62.93	-78.49	0.00014	61.52	-79.90	0.00014
60.10	-81.32	0.00014	58.69	-82.73	0.00014
56.57	-84.85	0.00015	53.03	-88.39	0.00015
49.50	-91.92	0.00016	42.43	-98.99	0.00017
35.36	-106.07	0.00019	28.28	-113.14	0.00020
21.21	-120.21	0.00021	14.14	-127.28	0.00022
7.07	-134.35	0.00022	0.00	-141.42	0.00023
148.49	-7.07	0.00008	141.42	-14.14	0.00008
134.35	-21.21	0.00009	127.28	-28.28	0.00009
120.21	-35.36	0.00009	113.14	-42.43	0.00010
106.07	-49.50	0.00010	98.99	-56.57	0.00011
95.46	-60.10	0.00011	91.92	-63.64	0.00011
89.80	-65.76	0.00011	88.39	-67.18	0.00011
86.97	-68.59	0.00011	85.56	-70.00	0.00011
84.15	-71.42	0.00011	71.42	-84.15	0.00012
70.00	-85.56	0.00012	68.59	-86.97	0.00012
67.18	-88.39	0.00013	65.76	-89.80	0.00013
63.64	-91.92	0.00013	60.10	-95.46	0.00014
56.57	-98.99	0.00014	49.50	-106.07	0.00016
42.43	-113.14	0.00017	35.36	-120.21	0.00018
28.28	-127.28	0.00019	21.21	-134.35	0.00019
14.14	-141.42	0.00020	7.07	-148.49	0.00020
155.56	-14.14	0.00007	148.49	-21.21	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00008	134.35	-35.36	0.00008
127.28	-42.43	0.00009	120.21	-49.50	0.00009
113.14	-56.57	0.00010	106.07	-63.64	0.00010
102.53	-67.18	0.00010	98.99	-70.71	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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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	0.00011
77.07	-92.63	0.00011	75.66	-94.05	0.00011
74.25	-95.46	0.00011	72.83	-96.87	0.00012
70.71	-98.99	0.00012	67.18	-102.53	0.00012
63.64	-106.07	0.00013	56.57	-113.14	0.00014
49.50	-120.21	0.00015	42.43	-127.28	0.00016
35.36	-134.35	0.00017	28.28	-141.42	0.00017
21.21	-148.49	0.00018	14.14	-155.56	0.00018
162.63	-21.21	0.00007	155.56	-28.28	0.00007
148.49	-35.36	0.00007	141.42	-42.43	0.00008
134.35	-49.50	0.00008	127.28	-56.57	0.00009
120.21	-63.64	0.00009	113.14	-70.71	0.00009
109.60	-74.25	0.00009	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	0.00010
98.29	-85.56	0.00010	85.56	-98.29	0.00010
84.15	-99.70	0.00010	82.73	-101.12	0.00010
81.32	-102.53	0.00010	79.90	-103.94	0.00011
77.78	-106.07	0.00011	74.25	-109.60	0.00011
70.71	-113.14	0.00012	63.64	-120.21	0.00013
56.57	-127.28	0.00014	49.50	-134.35	0.00014
42.43	-141.42	0.00015	35.36	-148.49	0.00016
28.28	-155.56	0.00016	21.21	-162.63	0.00017
169.71	-28.28	0.00006	162.63	-35.36	0.00007
155.56	-42.43	0.00007	148.49	-49.50	0.00007
141.42	-56.57	0.00008	134.35	-63.64	0.00008
127.28	-70.71	0.00008	120.21	-77.78	0.00008
116.67	-81.32	0.00009	113.14	-84.85	0.00009

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00009	109.60	-88.39	0.00009
108.19	-89.80	0.00009	106.77	-91.22	0.00009
105.36	-92.63	0.00009	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00010	86.97	-111.02	0.00010
84.85	-113.14	0.00010	81.32	-116.67	0.00010
77.78	-120.21	0.00011	70.71	-127.28	0.00011
63.64	-134.35	0.00012	56.57	-141.42	0.00013
49.50	-148.49	0.00014	42.43	-155.56	0.00014
35.36	-162.63	0.00015	28.28	-169.71	0.00015

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

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00006	169.71	-42.43	0.00006
162.63	-49.50	0.00007	155.56	-56.57	0.00007
148.49	-63.64	0.00007	141.42	-70.71	0.00007
134.35	-77.78	0.00008	127.28	-84.85	0.00008
123.74	-88.39	0.00008	120.21	-91.92	0.00008
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	0.00009
98.29	-113.84	0.00009	96.87	-115.26	0.00009
95.46	-116.67	0.00009	94.05	-118.09	0.00009
91.92	-120.21	0.00009	88.39	-123.74	0.00009
84.85	-127.28	0.00010	77.78	-134.35	0.00010
70.71	-141.42	0.00011	63.64	-148.49	0.00012
56.57	-155.56	0.00012	49.50	-162.63	0.00013
42.43	-169.71	0.00013	35.36	-176.78	0.00014
183.85	-42.43	0.00006	176.78	-49.50	0.00006
169.71	-56.57	0.00006	162.63	-63.64	0.00006
155.56	-70.71	0.00007	148.49	-77.78	0.00007
141.42	-84.85	0.00007	134.35	-91.92	0.00007
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	0.00008
119.50	-106.77	0.00008	106.77	-119.50	0.00008
105.36	-120.92	0.00008	103.94	-122.33	0.00008

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00008	101.12	-125.16	0.00008
98.99	-127.28	0.00008	95.46	-130.81	0.00009
91.92	-134.35	0.00009	84.85	-141.42	0.00010
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00012
49.50	-176.78	0.00012	42.43	-183.85	0.00013
190.92	-49.50	0.00005	183.85	-56.57	0.00006
176.78	-63.64	0.00006	169.71	-70.71	0.00006
162.63	-77.78	0.00006	155.56	-84.85	0.00006
148.49	-91.92	0.00007	141.42	-98.99	0.00007
137.89	-102.53	0.00007	134.35	-106.07	0.00007
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	0.00008	108.19	-132.23	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00008	102.53	-137.89	0.00008
98.99	-141.42	0.00008	91.92	-148.49	0.00009
84.85	-155.56	0.00009	77.78	-162.63	0.00010
70.71	-169.71	0.00010	63.64	-176.78	0.00011
56.57	-183.85	0.00011	49.50	-190.92	0.00012
197.99	-56.57	0.00005	190.92	-63.64	0.00005
183.85	-70.71	0.00005	176.78	-77.78	0.00006
169.71	-84.85	0.00006	162.63	-91.92	0.00006
155.56	-98.99	0.00006	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	0.00007
133.64	-120.92	0.00007	120.92	-133.64	0.00007
119.50	-135.06	0.00007	118.09	-136.47	0.00007
116.67	-137.89	0.00007	115.26	-139.30	0.00007
113.14	-141.42	0.00007	109.60	-144.96	0.00007
106.07	-148.49	0.00008	98.99	-155.56	0.00008
91.92	-162.63	0.00009	84.85	-169.71	0.00009



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00010	70.71	-183.85	0.00010
63.64	-190.92	0.00010	56.57	-197.99	0.00011
205.06	-63.64	0.00005	197.99	-70.71	0.00005
190.92	-77.78	0.00005	183.85	-84.85	0.00005
176.78	-91.92	0.00006	169.71	-98.99	0.00006
162.63	-106.07	0.00006	155.56	-113.14	0.00006
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00006	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	0.00007	122.33	-146.37	0.00007
120.21	-148.49	0.00007	116.67	-152.03	0.00007
113.14	-155.56	0.00007	106.07	-162.63	0.00007
98.99	-169.71	0.00008	91.92	-176.78	0.00008
84.85	-183.85	0.00009	77.78	-190.92	0.00009
70.71	-197.99	0.00010	63.64	-205.06	0.00010
212.13	-70.71	0.00005	205.06	-77.78	0.00005
197.99	-84.85	0.00005	190.92	-91.92	0.00005
183.85	-98.99	0.00005	176.78	-106.07	0.00005
169.71	-113.14	0.00005	162.63	-120.21	0.00006
159.10	-123.74	0.00006	155.56	-127.28	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* 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
153.44	-129.40	0.00006	152.03	-130.81	0.00006
150.61	-132.23	0.00006	149.20	-133.64	0.00006
147.79	-135.06	0.00006	135.06	-147.79	0.00006
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	0.00007	113.14	-169.71	0.00007
106.07	-176.78	0.00007	98.99	-183.85	0.00008
91.92	-190.92	0.00008	84.85	-197.99	0.00009
77.78	-205.06	0.00009	70.71	-212.13	0.00009
219.20	-77.78	0.00004	212.13	-84.85	0.00004
205.06	-91.92	0.00005	197.99	-98.99	0.00005

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00005	183.85	-113.14	0.00005
176.78	-120.21	0.00005	169.71	-127.28	0.00005
166.17	-130.81	0.00005	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	0.00006
140.71	-156.27	0.00006	139.30	-157.68	0.00006
137.89	-159.10	0.00006	136.47	-160.51	0.00006
134.35	-162.63	0.00006	130.81	-166.17	0.00006
127.28	-169.71	0.00006	120.21	-176.78	0.00006
113.14	-183.85	0.00007	106.07	-190.92	0.00007
98.99	-197.99	0.00008	91.92	-205.06	0.00008
84.85	-212.13	0.00008	77.78	-219.20	0.00009
226.27	-84.85	0.00004	219.20	-91.92	0.00004
212.13	-98.99	0.00004	205.06	-106.07	0.00005
197.99	-113.14	0.00005	190.92	-120.21	0.00005
183.85	-127.28	0.00005	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00005	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	0.00006
134.35	-176.78	0.00006	127.28	-183.85	0.00006
120.21	-190.92	0.00006	113.14	-197.99	0.00007
106.07	-205.06	0.00007	98.99	-212.13	0.00007
91.92	-219.20	0.00008	84.85	-226.27	0.00008

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

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00004	226.27	-98.99	0.00004
219.20	-106.07	0.00004	212.13	-113.14	0.00004
205.06	-120.21	0.00004	197.99	-127.28	0.00005
190.92	-134.35	0.00005	183.85	-141.42	0.00005
180.31	-144.96	0.00005	176.78	-148.49	0.00005
174.66	-150.61	0.00005	173.24	-152.03	0.00005

19NCRA\_NAPA00-300\_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	0.00006
127.28	-197.99	0.00006	120.21	-205.06	0.00006
113.14	-212.13	0.00007	106.07	-219.20	0.00007
98.99	-226.27	0.00007	91.92	-233.35	0.00007
240.42	-98.99	0.00004	233.35	-106.07	0.00004
226.27	-113.14	0.00004	219.20	-120.21	0.00004
212.13	-127.28	0.00004	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
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	0.00005
161.93	-177.48	0.00005	160.51	-178.90	0.00005
159.10	-180.31	0.00005	157.68	-181.73	0.00005
155.56	-183.85	0.00005	152.03	-187.38	0.00005
148.49	-190.92	0.00005	141.42	-197.99	0.00005
134.35	-205.06	0.00006	127.28	-212.13	0.00006
120.21	-219.20	0.00006	113.14	-226.27	0.00006
106.07	-233.35	0.00007	98.99	-240.42	0.00007
247.49	-106.07	0.00004	240.42	-113.14	0.00004
233.35	-120.21	0.00004	226.27	-127.28	0.00004
219.20	-134.35	0.00004	212.13	-141.42	0.00004
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
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	0.00005

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\_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
-----	-----	-----	-----	-----	-----

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00005	159.10	-194.45	0.00005
155.56	-197.99	0.00005	148.49	-205.06	0.00005
141.42	-212.13	0.00005	134.35	-219.20	0.00006
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00007

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\_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	0.00136	-113.14	240.42	0.00161
-120.21	233.35	0.00191	-127.28	226.27	0.00225
-134.35	219.20	0.00262	-141.42	212.13	0.00300
-148.49	205.06	0.00332	-155.56	197.99	0.00347
-159.10	194.45	0.00338	-162.63	190.92	0.00310
-164.76	188.80	0.00282	-166.17	187.38	0.00261
-167.58	185.97	0.00239	-169.00	184.55	0.00216
-170.41	183.14	0.00194	-183.14	170.41	0.00102
-184.55	169.00	0.00099	-185.97	167.58	0.00097
-187.38	166.17	0.00096	-188.80	164.76	0.00094
-190.92	162.63	0.00094	-194.45	159.10	0.00094
-197.99	155.56	0.00096	-205.06	148.49	0.00100
-212.13	141.42	0.00103	-219.20	134.35	0.00102
-226.27	127.28	0.00100	-233.35	120.21	0.00096
-240.42	113.14	0.00091	-247.49	106.07	0.00086
-98.99	240.42	0.00134	-106.07	233.35	0.00160
-113.14	226.27	0.00193	-120.21	219.20	0.00233
-127.28	212.13	0.00278	-134.35	205.06	0.00329
-141.42	197.99	0.00380	-148.49	190.92	0.00424
-152.03	187.38	0.00439	-155.56	183.85	0.00438
-157.68	181.73	0.00426	-159.10	180.31	0.00409
-160.51	178.90	0.00384	-161.93	177.48	0.00351
-163.34	176.07	0.00313	-176.07	163.34	0.00126
-177.48	161.93	0.00124	-178.90	160.51	0.00122
-180.31	159.10	0.00122	-181.73	157.68	0.00123
-183.85	155.56	0.00125	-187.38	152.03	0.00129
-190.92	148.49	0.00133	-197.99	141.42	0.00137
-205.06	134.35	0.00136	-212.13	127.28	0.00131
-219.20	120.21	0.00124	-226.27	113.14	0.00116

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00108	-240.42	98.99	0.00100
-91.92	233.35	0.00131	-99.00	226.27	0.00157
-106.07	219.20	0.00191	-113.14	212.13	0.00234
-120.21	205.06	0.00287	-127.28	197.99	0.00348
-134.35	190.92	0.00416	-141.42	183.85	0.00487
-144.96	180.31	0.00522	-148.49	176.78	0.00552
-150.61	174.66	0.00565	-152.03	173.24	0.00569
-153.44	171.83	0.00569	-154.86	170.41	0.00560
-156.27	169.00	0.00537	-169.00	156.27	0.00178
-170.41	154.86	0.00180	-171.83	153.44	0.00182
-173.24	152.03	0.00183	-174.66	150.61	0.00185

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

18:55:26  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00187	-180.31	144.96	0.00189
-183.85	141.42	0.00190	-190.92	134.35	0.00185
-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	0.00125	-233.35	91.92	0.00114
-84.85	226.27	0.00126	-91.92	219.20	0.00151
-99.00	212.13	0.00185	-106.07	205.06	0.00229
-113.14	197.99	0.00286	-120.21	190.92	0.00356
-127.28	183.85	0.00437	-134.35	176.78	0.00527
-137.89	173.24	0.00575	-141.42	169.71	0.00622
-143.54	167.58	0.00647	-144.96	166.17	0.00660
-146.37	164.76	0.00671	-147.79	163.34	0.00685
-149.20	161.93	0.00692	-161.93	149.20	0.00333
-163.34	147.79	0.00313	-164.76	146.37	0.00300
-166.17	144.96	0.00290	-167.58	143.54	0.00283
-169.71	141.42	0.00274	-173.24	137.89	0.00264
-176.78	134.35	0.00256	-183.85	127.28	0.00237
-190.92	120.21	0.00217	-197.99	113.14	0.00196
-205.06	106.07	0.00176	-212.13	98.99	0.00158
-219.20	91.92	0.00141	-226.27	84.85	0.00127
-77.78	219.20	0.00119	-84.85	212.13	0.00143
-91.92	205.06	0.00175	-99.00	197.99	0.00218
-106.07	190.92	0.00276	-113.14	183.85	0.00350

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00441	-127.28	169.71	0.00543
-130.81	166.17	0.00596	-134.35	162.63	0.00649
-136.47	160.51	0.00675	-137.89	159.10	0.00689
-139.30	157.68	0.00699	-140.71	156.27	0.00707
-142.13	154.86	0.00715	-154.86	142.13	0.00422
-156.27	140.71	0.00407	-157.68	139.30	0.00395
-159.10	137.89	0.00385	-160.51	136.47	0.00376
-162.63	134.35	0.00363	-166.17	130.81	0.00344
-169.71	127.28	0.00326	-176.78	120.21	0.00292
-183.85	113.14	0.00259	-190.92	106.07	0.00229
-197.99	98.99	0.00202	-205.06	91.92	0.00178
-212.13	84.85	0.00157	-219.20	77.78	0.00139
-70.71	212.13	0.00111	-77.78	205.06	0.00133
-84.85	197.99	0.00163	-91.92	190.92	0.00202
-98.99	183.85	0.00257	-106.07	176.78	0.00331
-113.14	169.71	0.00426	-120.21	162.63	0.00537
-123.74	159.10	0.00594	-127.28	155.56	0.00648

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00676	-130.81	152.03	0.00692
-132.23	150.61	0.00703	-133.64	149.20	0.00710
-135.06	147.79	0.00718	-147.79	135.06	0.00456
-149.20	133.64	0.00445	-150.61	132.23	0.00437
-152.03	130.81	0.00431	-153.44	129.40	0.00425
-155.56	127.28	0.00416	-159.10	123.74	0.00400
-162.63	120.21	0.00382	-169.71	113.14	0.00342
-176.78	106.07	0.00300	-183.85	98.99	0.00262
-190.92	91.92	0.00227	-197.99	84.85	0.00197
-205.06	77.78	0.00171	-212.13	70.71	0.00150
-63.64	205.06	0.00102	-70.71	197.99	0.00122
-77.78	190.92	0.00149	-84.85	183.85	0.00184
-91.92	176.78	0.00232	-98.99	169.71	0.00300
-106.07	162.63	0.00394	-113.14	155.56	0.00512
-116.67	152.03	0.00574	-120.21	148.49	0.00632
-122.33	146.37	0.00664	-123.74	144.96	0.00682
-125.16	143.54	0.00696	-126.57	142.13	0.00705

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00713	-140.71	127.99	0.00471
-142.13	126.57	0.00463	-143.54	125.16	0.00457
-144.96	123.74	0.00453	-146.37	122.33	0.00449
-148.49	120.21	0.00443	-152.03	116.67	0.00431
-155.56	113.14	0.00416	-162.63	106.07	0.00377
-169.71	98.99	0.00332	-176.78	91.92	0.00288
-183.85	84.85	0.00247	-190.92	77.78	0.00212
-197.99	70.71	0.00183	-205.06	63.64	0.00159
-56.57	197.99	0.00092	-63.64	190.92	0.00110
-70.71	183.85	0.00133	-77.78	176.78	0.00163
-84.85	169.71	0.00204	-91.92	162.63	0.00262
-98.99	155.56	0.00346	-106.07	148.49	0.00464
-109.60	144.96	0.00533	-113.14	141.42	0.00601
-115.26	139.30	0.00637	-116.67	137.89	0.00658
-118.09	136.47	0.00676	-119.50	135.06	0.00689
-120.92	133.64	0.00697	-133.64	120.92	0.00476
-135.06	119.50	0.00469	-136.47	118.09	0.00465
-137.89	116.67	0.00462	-139.30	115.26	0.00460
-141.42	113.14	0.00455	-144.96	109.60	0.00446
-148.49	106.07	0.00433	-155.56	98.99	0.00396
-162.63	91.92	0.00351	-169.71	84.85	0.00304
-176.78	77.78	0.00260	-183.85	70.71	0.00223
-190.92	63.64	0.00192	-197.99	56.57	0.00166

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

18:55:26  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00082	-56.57	183.85	0.00097
-63.64	176.78	0.00116	-70.71	169.71	0.00141
-77.78	162.63	0.00175	-84.85	155.56	0.00221
-91.92	148.49	0.00289	-98.99	141.42	0.00393
-102.53	137.89	0.00464	-106.07	134.35	0.00542
-108.19	132.23	0.00587	-109.60	130.81	0.00614
-111.02	129.40	0.00637	-112.43	127.99	0.00655
-113.84	126.57	0.00668	-126.57	113.84	0.00473
-127.99	112.43	0.00467	-129.40	111.02	0.00465
-130.81	109.60	0.00463	-132.23	108.19	0.00461
-134.35	106.07	0.00457	-137.89	102.53	0.00449

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00437	-148.49	91.92	0.00400
-155.56	84.85	0.00354	-162.63	77.78	0.00308
-169.71	70.71	0.00265	-176.78	63.64	0.00227
-183.85	56.57	0.00195	-190.92	49.50	0.00169
-42.43	183.85	0.00073	-49.50	176.78	0.00085
-56.57	169.71	0.00100	-63.64	162.63	0.00119
-70.71	155.56	0.00145	-77.78	148.49	0.00180
-84.85	141.42	0.00231	-91.92	134.35	0.00309
-95.46	130.81	0.00367	-98.99	127.28	0.00442
-101.12	125.16	0.00494	-102.53	123.74	0.00529
-103.94	122.33	0.00561	-105.36	120.92	0.00590
-106.77	119.50	0.00613	-119.50	106.77	0.00462
-120.92	105.36	0.00457	-122.33	103.94	0.00455
-123.74	102.53	0.00454	-125.16	101.12	0.00452
-127.28	98.99	0.00449	-130.81	95.46	0.00440
-134.35	91.92	0.00426	-141.42	84.85	0.00388
-148.49	77.78	0.00344	-155.56	70.71	0.00300
-162.63	63.64	0.00260	-169.71	56.57	0.00224
-176.78	49.50	0.00193	-183.85	42.43	0.00168
-35.36	176.78	0.00063	-42.43	169.71	0.00073
-49.50	162.63	0.00085	-56.57	155.56	0.00099
-63.64	148.49	0.00118	-70.71	141.42	0.00142
-77.78	134.35	0.00176	-84.85	127.28	0.00227
-88.39	123.74	0.00264	-91.92	120.21	0.00312
-94.05	118.09	0.00350	-95.46	116.67	0.00381
-96.87	115.26	0.00416	-98.29	113.84	0.00454
-99.70	112.43	0.00494	-112.43	99.70	0.00442
-113.84	98.29	0.00437	-115.26	96.87	0.00434
-116.67	95.46	0.00432	-118.09	94.05	0.00429

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

18:55:26  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00424	-123.74	88.39	0.00411
-127.28	84.85	0.00397	-134.35	77.78	0.00360
-141.42	70.71	0.00320	-148.49	63.64	0.00282
-155.56	56.57	0.00246	-162.63	49.50	0.00215
-169.71	42.43	0.00187	-176.78	35.36	0.00164



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00054	-35.36	162.63	0.00062
-42.43	155.56	0.00070	-49.50	148.49	0.00081
-56.57	141.42	0.00093	-63.64	134.35	0.00109
-70.71	127.28	0.00130	-77.78	120.21	0.00157
-81.32	116.67	0.00174	-84.85	113.14	0.00194
-86.97	111.02	0.00208	-88.39	109.60	0.00219
-89.80	108.19	0.00231	-91.22	106.77	0.00247
-92.63	105.36	0.00269	-105.36	92.63	0.00391
-106.77	91.22	0.00382	-108.19	89.80	0.00376
-109.60	88.39	0.00372	-111.02	86.97	0.00369
-113.14	84.85	0.00364	-116.67	81.32	0.00355
-120.21	77.78	0.00344	-127.28	70.71	0.00318
-134.35	63.64	0.00287	-141.42	56.57	0.00256
-148.49	49.50	0.00227	-155.56	42.43	0.00201
-162.63	35.36	0.00177	-169.71	28.28	0.00157
-21.21	162.63	0.00046	-28.28	155.56	0.00052
-35.36	148.49	0.00058	-42.43	141.42	0.00065
-49.50	134.35	0.00073	-56.57	127.28	0.00082
-63.64	120.21	0.00093	-70.71	113.14	0.00105
-74.25	109.60	0.00111	-77.78	106.07	0.00116
-79.90	103.94	0.00118	-81.32	102.53	0.00119
-82.73	101.12	0.00120	-84.15	99.70	0.00120
-85.56	98.29	0.00120	-98.29	85.56	0.00234
-99.70	84.15	0.00248	-101.12	82.73	0.00258
-102.53	81.32	0.00265	-103.94	79.90	0.00271
-106.07	77.78	0.00277	-109.60	74.25	0.00281
-113.14	70.71	0.00280	-120.21	63.64	0.00268
-127.28	56.57	0.00249	-134.35	49.50	0.00227
-141.42	42.43	0.00205	-148.49	35.36	0.00184
-155.56	28.28	0.00165	-162.63	21.21	0.00147
-14.14	155.56	0.00039	-21.21	148.49	0.00043
-28.28	141.42	0.00047	-35.36	134.35	0.00052
-42.43	127.28	0.00057	-49.50	120.21	0.00063
-56.57	113.14	0.00068	-63.64	106.07	0.00074
-67.18	102.53	0.00076	-70.71	98.99	0.00078

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

04/20/08

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

18:55:26

\*\*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)	19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00080	-74.25	95.46	0.00081
-75.66	94.05	0.00083	-77.07	92.63	0.00085
-78.49	91.22	0.00087	-91.22	78.49	0.00139
-92.63	77.07	0.00149	-94.05	75.66	0.00159
-95.46	74.25	0.00168	-96.87	72.83	0.00176
-98.99	70.71	0.00187	-102.53	67.18	0.00201
-106.07	63.64	0.00209	-113.14	56.57	0.00214
-120.21	49.50	0.00207	-127.28	42.43	0.00195
-134.35	35.36	0.00180	-141.42	28.28	0.00165
-148.49	21.21	0.00150	-155.56	14.14	0.00136
-7.07	148.49	0.00034	-14.14	141.42	0.00036
-21.21	134.35	0.00039	-28.28	127.28	0.00042
-35.36	120.21	0.00045	-42.43	113.14	0.00048
-49.50	106.07	0.00052	-56.57	98.99	0.00055
-60.10	95.46	0.00058	-63.64	91.92	0.00061
-65.76	89.80	0.00063	-67.18	88.39	0.00065
-68.59	86.97	0.00067	-70.00	85.56	0.00068
-71.42	84.15	0.00070	-84.15	71.42	0.00099
-85.56	70.00	0.00105	-86.97	68.59	0.00111
-88.39	67.18	0.00117	-89.80	65.76	0.00122
-91.92	63.64	0.00130	-95.46	60.10	0.00141
-98.99	56.57	0.00150	-106.07	49.50	0.00162
-113.14	42.43	0.00164	-120.21	35.36	0.00160
-127.28	28.28	0.00153	-134.35	21.21	0.00144
-141.42	14.14	0.00133	-148.49	7.07	0.00123
0.00	141.42	0.00028	-7.07	134.35	0.00030
-14.14	127.28	0.00032	-21.21	120.21	0.00034
-28.28	113.14	0.00036	-35.36	106.07	0.00039
-42.43	98.99	0.00041	-49.50	91.92	0.00045
-53.03	88.39	0.00048	-56.57	84.85	0.00051
-58.69	82.73	0.00053	-60.10	81.32	0.00054
-61.52	79.90	0.00055	-62.93	78.49	0.00056
-64.35	77.07	0.00057	-77.07	64.35	0.00075
-78.49	62.93	0.00079	-79.90	61.52	0.00083
-81.32	60.10	0.00087	-82.73	58.69	0.00091
-84.85	56.57	0.00096	-88.39	53.03	0.00104
-91.92	49.50	0.00110	-98.99	42.43	0.00121
-106.07	35.36	0.00127	-113.14	28.28	0.00128
-120.21	21.21	0.00126	-127.28	14.14	0.00122
-134.35	7.07	0.00116	-141.42	0.00	0.00109

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:55:26

\*\*MODELOPTS:

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	134.35	0.00024	0.00	127.28	0.00025
-7.07	120.21	0.00027	-14.14	113.14	0.00028
-21.21	106.07	0.00030	-28.28	98.99	0.00032
-35.36	91.92	0.00034	-42.43	84.85	0.00039
-45.96	81.32	0.00041	-49.50	77.78	0.00043
-51.62	75.66	0.00044	-53.03	74.25	0.00045
-54.45	72.83	0.00046	-55.86	71.42	0.00047
-57.28	70.00	0.00047	-70.00	57.28	0.00059
-71.42	55.86	0.00062	-72.83	54.45	0.00065
-74.25	53.03	0.00068	-75.66	51.62	0.00070
-77.78	49.50	0.00074	-81.32	45.96	0.00080
-84.85	42.43	0.00085	-91.92	35.36	0.00093
-98.99	28.28	0.00098	-106.07	21.21	0.00102
-113.14	14.14	0.00103	-120.21	7.07	0.00101
-127.28	0.00	0.00099	-134.35	-7.07	0.00095
14.14	127.28	0.00021	7.07	120.21	0.00021
0.00	113.14	0.00022	-7.07	106.07	0.00024
-14.14	98.99	0.00025	-21.21	91.92	0.00027
-28.28	84.85	0.00030	-35.36	77.78	0.00033
-38.89	74.25	0.00035	-42.43	70.71	0.00037
-44.55	68.59	0.00038	-45.96	67.18	0.00038
-47.38	65.76	0.00039	-48.79	64.35	0.00039
-50.20	62.93	0.00040	-62.93	50.20	0.00048
-64.35	48.79	0.00050	-65.76	47.38	0.00052
-67.18	45.96	0.00054	-68.59	44.55	0.00056
-70.71	42.43	0.00059	-74.25	38.89	0.00063
-77.78	35.36	0.00067	-84.85	28.28	0.00073
-91.92	21.21	0.00078	-98.99	14.14	0.00081
-106.07	7.07	0.00083	-113.14	0.00	0.00084
-120.21	-7.07	0.00083	-127.28	-14.14	0.00081
21.21	120.21	0.00018	14.14	113.14	0.00018
7.07	106.07	0.00019	0.00	98.99	0.00020
-7.07	91.92	0.00022	-14.14	84.85	0.00024
-21.21	77.78	0.00026	-28.28	70.71	0.00029
-31.82	67.18	0.00030	-35.36	63.64	0.00032
-37.48	61.52	0.00032	-38.89	60.10	0.00033
-40.31	58.69	0.00033	-41.72	57.28	0.00034

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00034	-55.86	43.13	0.00040
-57.28	41.72	0.00041	-58.69	40.31	0.00042
-60.10	38.89	0.00044	-61.52	37.48	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\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00048	-67.18	31.82	0.00051
-70.71	28.28	0.00054	-77.78	21.21	0.00059
-84.85	14.14	0.00063	-91.92	7.07	0.00066
-98.99	0.00	0.00068	-106.07	-7.07	0.00069
-113.14	-14.14	0.00070	-120.21	-21.21	0.00069
28.28	113.14	0.00015	21.21	106.07	0.00016
14.14	98.99	0.00017	7.07	91.92	0.00018
0.00	84.85	0.00019	-7.07	77.78	0.00021
-14.14	70.71	0.00023	-21.21	63.64	0.00026
-24.75	60.10	0.00027	-28.28	56.57	0.00028
-30.41	54.45	0.00028	-31.82	53.03	0.00028
-33.23	51.62	0.00029	-34.65	50.20	0.00029
-36.06	48.79	0.00029	-48.79	36.06	0.00033
-50.20	34.65	0.00034	-51.62	33.23	0.00035
-53.03	31.82	0.00036	-54.45	30.41	0.00037
-56.57	28.28	0.00039	-60.10	24.75	0.00042
-63.64	21.21	0.00045	-70.71	14.14	0.00049
-77.78	7.07	0.00052	-84.85	0.00	0.00055
-91.92	-7.07	0.00056	-98.99	-14.14	0.00058
-106.07	-21.21	0.00059	-113.14	-28.28	0.00059
35.36	106.07	0.00013	28.28	98.99	0.00014
21.21	91.92	0.00015	14.14	84.85	0.00016
7.07	77.78	0.00017	0.00	70.71	0.00019
-7.07	63.64	0.00021	-14.14	56.57	0.00023
-17.68	53.03	0.00023	-21.21	49.50	0.00024
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00025
-28.99	41.72	0.00025	-41.72	28.99	0.00028
-43.13	27.58	0.00029	-44.55	26.16	0.00030
-45.96	24.75	0.00031	-47.38	23.33	0.00032
-49.50	21.21	0.00033	-53.03	17.68	0.00035

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00037	-63.64	7.07	0.00041
-70.71	0.00	0.00044	-77.78	-7.07	0.00046
-84.85	-14.14	0.00047	-91.92	-21.21	0.00049
-98.99	-28.28	0.00050	-106.07	-35.36	0.00050
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00015
14.14	70.71	0.00016	7.07	63.64	0.00017
0.00	56.57	0.00019	-7.07	49.50	0.00020
-10.61	45.96	0.00021	-14.14	42.43	0.00021

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 111  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00021	-17.68	38.89	0.00022
-19.09	37.48	0.00022	-20.51	36.06	0.00022
-21.92	34.65	0.00022	-34.65	21.92	0.00024
-36.06	20.51	0.00025	-37.48	19.09	0.00026
-38.89	17.68	0.00026	-40.31	16.26	0.00027
-42.43	14.14	0.00028	-45.96	10.61	0.00030
-49.50	7.07	0.00032	-56.57	0.00	0.00035
-63.64	-7.07	0.00037	-70.71	-14.14	0.00039
-77.78	-21.21	0.00040	-84.85	-28.28	0.00042
-91.92	-35.36	0.00042	-98.99	-42.43	0.00043
49.50	91.92	0.00011	42.43	84.85	0.00011
35.36	77.78	0.00012	28.28	70.71	0.00013
21.21	63.64	0.00014	14.14	56.57	0.00016
7.07	49.50	0.00017	0.00	42.43	0.00018
-3.54	38.89	0.00018	-7.07	35.36	0.00019
-9.19	33.23	0.00019	-10.61	31.82	0.00019
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00021
-28.99	13.44	0.00022	-30.41	12.02	0.00022
-31.82	10.61	0.00023	-33.23	9.19	0.00023
-35.36	7.07	0.00024	-38.89	3.54	0.00026
-42.43	0.00	0.00027	-49.50	-7.07	0.00030
-56.57	-14.14	0.00032	-63.64	-21.21	0.00034
-70.71	-28.28	0.00035	-77.78	-35.36	0.00036
-84.85	-42.43	0.00037	-91.92	-49.50	0.00037

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00010	49.50	77.78	0.00010
42.43	70.71	0.00011	35.36	63.64	0.00012
28.28	56.57	0.00013	21.21	49.50	0.00014
14.14	42.43	0.00015	7.07	35.36	0.00016
3.54	31.82	0.00016	0.00	28.28	0.00017
-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	0.00019
-21.92	6.36	0.00019	-23.33	4.95	0.00019
-24.75	3.54	0.00020	-26.16	2.12	0.00020
-28.28	0.00	0.00021	-31.82	-3.54	0.00022
-35.36	-7.07	0.00023	-42.43	-14.14	0.00026
-49.50	-21.21	0.00028	-56.57	-28.28	0.00029
-63.64	-35.36	0.00030	-70.71	-42.43	0.00031
-77.78	-49.50	0.00032	-84.85	-56.57	0.00033

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

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

18:55:26

\*\*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
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00011
35.36	49.50	0.00012	28.28	42.43	0.00013
21.21	35.36	0.00014	14.14	28.28	0.00014
10.61	24.75	0.00015	7.07	21.21	0.00015
4.95	19.09	0.00015	3.54	17.68	0.00015
2.12	16.26	0.00015	0.71	14.85	0.00015
-0.71	13.44	0.00015	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00018	-19.09	-4.95	0.00018
-21.21	-7.07	0.00018	-24.75	-10.61	0.00019
-28.28	-14.14	0.00020	-35.36	-21.21	0.00022
-42.43	-28.28	0.00024	-49.50	-35.36	0.00026
-56.57	-42.43	0.00027	-63.64	-49.50	0.00028
-70.71	-56.57	0.00028	-77.78	-63.64	0.00029
70.71	70.71	0.00008	63.64	63.64	0.00009
56.57	56.57	0.00010	49.50	49.50	0.00010
42.43	42.43	0.00011	35.36	35.36	0.00012
28.28	28.28	0.00012	21.21	21.21	0.00013

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00013	14.14	14.14	0.00014
12.02	12.02	0.00014	10.61	10.61	0.00014
9.19	9.19	0.00014	7.78	7.78	0.00014
6.36	6.36	0.00014	-6.36	-6.36	0.00015
-7.78	-7.78	0.00015	-9.19	-9.19	0.00015
-10.61	-10.61	0.00016	-12.02	-12.02	0.00016
-14.14	-14.14	0.00016	-17.68	-17.68	0.00017
-21.21	-21.21	0.00018	-28.28	-28.28	0.00020
-35.36	-35.36	0.00021	-42.43	-42.43	0.00023
-49.50	-49.50	0.00024	-56.57	-56.57	0.00024
-63.64	-63.64	0.00025	-70.71	-70.71	0.00026
77.78	63.64	0.00008	70.71	56.57	0.00009
63.64	49.50	0.00009	56.57	42.43	0.00010
49.50	35.36	0.00010	42.43	28.28	0.00011
35.36	21.21	0.00011	28.28	14.14	0.00012
24.75	10.61	0.00012	21.21	7.07	0.00012
19.09	4.95	0.00012	17.68	3.54	0.00012
16.26	2.12	0.00012	14.85	0.71	0.00012
13.44	-0.71	0.00013	0.71	-13.44	0.00013
-0.71	-14.85	0.00014	-2.12	-16.26	0.00014
-3.54	-17.68	0.00014	-4.95	-19.09	0.00014

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

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

18:55:26

\*\*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	0.00015	-10.61	-24.75	0.00015
-14.14	-28.28	0.00016	-21.21	-35.36	0.00017
-28.28	-42.43	0.00019	-35.36	-49.50	0.00020
-42.43	-56.57	0.00021	-49.50	-63.64	0.00022
-56.57	-70.71	0.00022	-63.64	-77.78	0.00023
84.85	56.57	0.00008	77.78	49.50	0.00008
70.71	42.43	0.00009	63.64	35.36	0.00009
56.57	28.28	0.00009	49.50	21.21	0.00010
42.43	14.14	0.00010	35.36	7.07	0.00011
31.82	3.54	0.00011	28.28	0.00	0.00011
26.16	-2.12	0.00011	24.75	-3.54	0.00011
23.33	-4.95	0.00011	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00012

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00012	4.95	-23.33	0.00012
3.54	-24.75	0.00013	2.12	-26.16	0.00013
0.00	-28.28	0.00013	-3.54	-31.82	0.00014
-7.07	-35.36	0.00014	-14.14	-42.43	0.00016
-21.21	-49.50	0.00017	-28.28	-56.57	0.00018
-35.36	-63.64	0.00019	-42.43	-70.71	0.00019
-49.50	-77.78	0.00020	-56.57	-84.85	0.00020
91.92	49.50	0.00007	84.85	42.43	0.00008
77.78	35.36	0.00008	70.71	28.28	0.00008
63.64	21.21	0.00009	56.57	14.14	0.00009
49.50	7.07	0.00010	42.43	0.00	0.00010
38.89	-3.54	0.00010	35.36	-7.07	0.00010
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	0.00011
13.44	-28.99	0.00011	12.02	-30.41	0.00011
10.61	-31.82	0.00011	9.19	-33.23	0.00012
7.07	-35.36	0.00012	3.54	-38.89	0.00012
0.00	-42.43	0.00013	-7.07	-49.50	0.00014
-14.14	-56.57	0.00015	-21.21	-63.64	0.00016
-28.28	-70.71	0.00017	-35.36	-77.78	0.00017
-42.43	-84.85	0.00018	-49.50	-91.92	0.00018
98.99	42.43	0.00007	91.92	35.36	0.00007
84.85	28.28	0.00007	77.78	21.21	0.00008
70.71	14.14	0.00008	63.64	7.07	0.00009
56.57	0.00	0.00009	49.50	-7.07	0.00009
45.96	-10.61	0.00009	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      \*\*\*

18:55:26  
 \*\*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	0.00010
34.65	-21.92	0.00010	21.92	-34.65	0.00010
20.51	-36.06	0.00010	19.09	-37.48	0.00010
17.68	-38.89	0.00010	16.26	-40.31	0.00011
14.14	-42.43	0.00011	10.61	-45.96	0.00011
7.07	-49.50	0.00012	0.00	-56.57	0.00013



19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00014	-14.14	-70.71	0.00014
-21.21	-77.78	0.00015	-28.28	-84.85	0.00016
-35.36	-91.92	0.00016	-42.43	-98.99	0.00017
106.07	35.36	0.00006	98.99	28.28	0.00007
91.92	21.21	0.00007	84.85	14.14	0.00007
77.78	7.07	0.00008	70.71	0.00	0.00008
63.64	-7.07	0.00008	56.57	-14.14	0.00008
53.03	-17.68	0.00009	49.50	-21.21	0.00009
47.38	-23.33	0.00009	45.96	-24.75	0.00009
44.55	-26.16	0.00009	43.13	-27.58	0.00009
41.72	-28.99	0.00009	28.99	-41.72	0.00009
27.58	-43.13	0.00009	26.16	-44.55	0.00009
24.75	-45.96	0.00010	23.33	-47.38	0.00010
21.21	-49.50	0.00010	17.68	-53.03	0.00010
14.14	-56.57	0.00011	7.07	-63.64	0.00011
0.00	-70.71	0.00012	-7.07	-77.78	0.00013
-14.14	-84.85	0.00014	-21.21	-91.92	0.00014
-28.28	-98.99	0.00015	-35.36	-106.07	0.00015
113.14	28.28	0.00006	106.07	21.21	0.00006
98.99	14.14	0.00007	91.92	7.07	0.00007
84.85	0.00	0.00007	77.78	-7.07	0.00007
70.71	-14.14	0.00008	63.64	-21.21	0.00008
60.10	-24.75	0.00008	56.57	-28.28	0.00008
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	0.00009
34.65	-50.20	0.00009	33.23	-51.62	0.00009
31.82	-53.03	0.00009	30.41	-54.45	0.00009
28.28	-56.57	0.00009	24.75	-60.10	0.00009
21.21	-63.64	0.00010	14.14	-70.71	0.00010
7.07	-77.78	0.00011	0.00	-84.85	0.00012
-7.07	-91.92	0.00012	-14.14	-98.99	0.00013
-21.21	-106.07	0.00013	-28.28	-113.14	0.00014

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

18:55:26  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00006	113.14	14.14	0.00006

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00006	98.99	0.00	0.00006
91.92	-7.07	0.00007	84.85	-14.14	0.00007
77.78	-21.21	0.00007	70.71	-28.28	0.00007
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	0.00008
55.86	-43.13	0.00008	43.13	-55.86	0.00008
41.72	-57.28	0.00008	40.31	-58.69	0.00008
38.89	-60.10	0.00008	37.48	-61.52	0.00008
35.36	-63.64	0.00008	31.82	-67.18	0.00009
28.28	-70.71	0.00009	21.21	-77.78	0.00010
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00012
-14.14	-113.14	0.00012	-21.21	-120.21	0.00013
127.28	14.14	0.00005	120.21	7.07	0.00006
113.14	0.00	0.00006	106.07	-7.07	0.00006
98.99	-14.14	0.00006	91.92	-21.21	0.00006
84.85	-28.28	0.00007	77.78	-35.36	0.00007
74.25	-38.89	0.00007	70.71	-42.43	0.00007
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	0.00008	44.55	-68.59	0.00008
42.43	-70.71	0.00008	38.89	-74.25	0.00008
35.36	-77.78	0.00008	28.28	-84.85	0.00009
21.21	-91.92	0.00009	14.14	-98.99	0.00010
7.07	-106.07	0.00010	0.00	-113.14	0.00011
-7.07	-120.21	0.00011	-14.14	-127.28	0.00012
134.35	7.07	0.00005	127.28	0.00	0.00005
120.21	-7.07	0.00005	113.14	-14.14	0.00006
106.07	-21.21	0.00006	98.99	-28.28	0.00006
91.92	-35.36	0.00006	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	0.00007
70.00	-57.28	0.00007	57.28	-70.00	0.00007
55.86	-71.42	0.00007	54.45	-72.83	0.00007
53.03	-74.25	0.00007	51.62	-75.66	0.00007

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

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

18:55:26

\*\*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	0.00007	45.96	-81.32	0.00007
42.43	-84.85	0.00008	35.36	-91.92	0.00008
28.28	-98.99	0.00009	21.21	-106.07	0.00009
14.14	-113.14	0.00010	7.07	-120.21	0.00010
0.00	-127.28	0.00010	-7.07	-134.35	0.00011
141.42	0.00	0.00005	134.35	-7.07	0.00005
127.28	-14.14	0.00005	120.21	-21.21	0.00005
113.14	-28.28	0.00006	106.07	-35.36	0.00006
98.99	-42.43	0.00006	91.92	-49.50	0.00006
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00006	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	0.00007	58.69	-82.73	0.00007
56.57	-84.85	0.00007	53.03	-88.39	0.00007
49.50	-91.92	0.00007	42.43	-98.99	0.00007
35.36	-106.07	0.00008	28.28	-113.14	0.00008
21.21	-120.21	0.00009	14.14	-127.28	0.00009
7.07	-134.35	0.00010	0.00	-141.42	0.00010
148.49	-7.07	0.00005	141.42	-14.14	0.00005
134.35	-21.21	0.00005	127.28	-28.28	0.00005
120.21	-35.36	0.00005	113.14	-42.43	0.00005
106.07	-49.50	0.00005	98.99	-56.57	0.00006
95.46	-60.10	0.00006	91.92	-63.64	0.00006
89.80	-65.76	0.00006	88.39	-67.18	0.00006
86.97	-68.59	0.00006	85.56	-70.00	0.00006
84.15	-71.42	0.00006	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	0.00007	49.50	-106.07	0.00007
42.43	-113.14	0.00007	35.36	-120.21	0.00008
28.28	-127.28	0.00008	21.21	-134.35	0.00009
14.14	-141.42	0.00009	7.07	-148.49	0.00009
155.56	-14.14	0.00004	148.49	-21.21	0.00004
141.42	-28.28	0.00005	134.35	-35.36	0.00005
127.28	-42.43	0.00005	120.21	-49.50	0.00005
113.14	-56.57	0.00005	106.07	-63.64	0.00005

102.53 -67.18 0.00005 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 \*\*\*

18:55:26  
 \*\*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	0.00006
77.07	-92.63	0.00006	75.66	-94.05	0.00006
74.25	-95.46	0.00006	72.83	-96.87	0.00006
70.71	-98.99	0.00006	67.18	-102.53	0.00006
63.64	-106.07	0.00006	56.57	-113.14	0.00006
49.50	-120.21	0.00007	42.43	-127.28	0.00007
35.36	-134.35	0.00008	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00009
162.63	-21.21	0.00004	155.56	-28.28	0.00004
148.49	-35.36	0.00004	141.42	-42.43	0.00005
134.35	-49.50	0.00005	127.28	-56.57	0.00005
120.21	-63.64	0.00005	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00005	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	0.00006
70.71	-113.14	0.00006	63.64	-120.21	0.00006
56.57	-127.28	0.00006	49.50	-134.35	0.00007
42.43	-141.42	0.00007	35.36	-148.49	0.00007
28.28	-155.56	0.00008	21.21	-162.63	0.00008
169.71	-28.28	0.00004	162.63	-35.36	0.00004
155.56	-42.43	0.00004	148.49	-49.50	0.00004
141.42	-56.57	0.00004	134.35	-63.64	0.00005
127.28	-70.71	0.00005	120.21	-77.78	0.00005
116.67	-81.32	0.00005	113.14	-84.85	0.00005
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00005

19NCRA\_NAPA00-300\_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	0.00006
63.64	-134.35	0.00006	56.57	-141.42	0.00006
49.50	-148.49	0.00007	42.43	-155.56	0.00007
35.36	-162.63	0.00007	28.28	-169.71	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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
176.78	-35.36	0.00004	169.71	-42.43	0.00004
162.63	-49.50	0.00004	155.56	-56.57	0.00004
148.49	-63.64	0.00004	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00004
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	0.00005
98.29	-113.84	0.00005	96.87	-115.26	0.00005
95.46	-116.67	0.00005	94.05	-118.09	0.00005
91.92	-120.21	0.00005	88.39	-123.74	0.00005
84.85	-127.28	0.00005	77.78	-134.35	0.00005
70.71	-141.42	0.00006	63.64	-148.49	0.00006
56.57	-155.56	0.00006	49.50	-162.63	0.00006
42.43	-169.71	0.00007	35.36	-176.78	0.00007
183.85	-42.43	0.00004	176.78	-49.50	0.00004
169.71	-56.57	0.00004	162.63	-63.64	0.00004
155.56	-70.71	0.00004	148.49	-77.78	0.00004
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00004
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	0.00005
98.99	-127.28	0.00005	95.46	-130.81	0.00005
91.92	-134.35	0.00005	84.85	-141.42	0.00005

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00005	70.71	-155.56	0.00006
63.64	-162.63	0.00006	56.57	-169.71	0.00006
49.50	-176.78	0.00006	42.43	-183.85	0.00007
190.92	-49.50	0.00003	183.85	-56.57	0.00004
176.78	-63.64	0.00004	169.71	-70.71	0.00004
162.63	-77.78	0.00004	155.56	-84.85	0.00004
148.49	-91.92	0.00004	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00004
129.40	-111.02	0.00004	127.99	-112.43	0.00004
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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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	0.00005
84.85	-155.56	0.00005	77.78	-162.63	0.00005
70.71	-169.71	0.00005	63.64	-176.78	0.00006
56.57	-183.85	0.00006	49.50	-190.92	0.00006
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00004
169.71	-84.85	0.00004	162.63	-91.92	0.00004
155.56	-98.99	0.00004	148.49	-106.07	0.00004
144.96	-109.60	0.00004	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	0.00005	84.85	-169.71	0.00005
77.78	-176.78	0.00005	70.71	-183.85	0.00005
63.64	-190.92	0.00006	56.57	-197.99	0.00006
205.06	-63.64	0.00003	197.99	-70.71	0.00003

19NCRA\_NAPA00-300\_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	0.00004
162.63	-106.07	0.00004	155.56	-113.14	0.00004
152.03	-116.67	0.00004	148.49	-120.21	0.00004
146.37	-122.33	0.00004	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00004
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	0.00005
84.85	-183.85	0.00005	77.78	-190.92	0.00005
70.71	-197.99	0.00005	63.64	-205.06	0.00005
212.13	-70.71	0.00003	205.06	-77.78	0.00003
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
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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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	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00004	123.74	-159.10	0.00004
120.21	-162.63	0.00004	113.14	-169.71	0.00004
106.07	-176.78	0.00004	98.99	-183.85	0.00004
91.92	-190.92	0.00005	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00003	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

19NCRA\_NAPA00-300\_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	0.00004
127.28	-169.71	0.00004	120.21	-176.78	0.00004
113.14	-183.85	0.00004	106.07	-190.92	0.00004
98.99	-197.99	0.00004	91.92	-205.06	0.00004
84.85	-212.13	0.00005	77.78	-219.20	0.00005
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00003
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	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	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00005

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
233.35	-91.92	0.00003	226.27	-98.99	0.00003
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00003	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
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



19NCRA\_NAPA00-300\_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	0.00004	120.21	-205.06	0.00004
113.14	-212.13	0.00004	106.07	-219.20	0.00004
98.99	-226.27	0.00004	91.92	-233.35	0.00004
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00003	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00003
197.99	-141.42	0.00003	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	0.00004
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00003
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	0.00003	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

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

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00003	120.21	-233.35	0.00004
113.14	-240.42	0.00004	106.07	-247.49	0.00004

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

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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	247.49	0.00259	-113.14	240.42	0.00279
-120.21	233.35	0.00303	-127.28	226.27	0.00328
-134.35	219.20	0.00356	-141.42	212.13	0.00384
-148.49	205.06	0.00408	-155.56	197.99	0.00415
-159.10	194.45	0.00404	-162.63	190.92	0.00373
-164.76	188.80	0.00344	-166.17	187.38	0.00322
-167.58	185.97	0.00298	-169.00	184.55	0.00274
-170.41	183.14	0.00252	-183.14	170.41	0.00154
-184.55	169.00	0.00150	-185.97	167.58	0.00147
-187.38	166.17	0.00145	-188.80	164.76	0.00144
-190.92	162.63	0.00142	-194.45	159.10	0.00141
-197.99	155.56	0.00142	-205.06	148.49	0.00144
-212.13	141.42	0.00145	-219.20	134.35	0.00143
-226.27	127.28	0.00139	-233.35	120.21	0.00135
-240.42	113.14	0.00129	-247.49	106.07	0.00124
-98.99	240.42	0.00271	-106.07	233.35	0.00294
-113.14	226.27	0.00321	-120.21	219.20	0.00352
-127.28	212.13	0.00387	-134.35	205.06	0.00425
-141.42	197.99	0.00466	-148.49	190.92	0.00501
-152.03	187.38	0.00512	-155.56	183.85	0.00509
-157.68	181.73	0.00494	-159.10	180.31	0.00476
-160.51	178.90	0.00450	-161.93	177.48	0.00416
-163.34	176.07	0.00377	-176.07	163.34	0.00182
-177.48	161.93	0.00179	-178.90	160.51	0.00177
-180.31	159.10	0.00177	-181.73	157.68	0.00177
-183.85	155.56	0.00178	-187.38	152.03	0.00180
-190.92	148.49	0.00183	-197.99	141.42	0.00184
-205.06	134.35	0.00182	-212.13	127.28	0.00175
-219.20	120.21	0.00167	-226.27	113.14	0.00158
-233.35	106.07	0.00150	-240.42	98.99	0.00141
-91.92	233.35	0.00282	-99.00	226.27	0.00308
-106.07	219.20	0.00338	-113.14	212.13	0.00373

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00414	-127.28	197.99	0.00461
-134.35	190.92	0.00516	-141.42	183.85	0.00575
-144.96	180.31	0.00605	-148.49	176.78	0.00632
-150.61	174.66	0.00642	-152.03	173.24	0.00644
-153.44	171.83	0.00643	-154.86	170.41	0.00633
-156.27	169.00	0.00608	-169.00	156.27	0.00240
-170.41	154.86	0.00241	-171.83	153.44	0.00242
-173.24	152.03	0.00243	-174.66	150.61	0.00244

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

18:55:26  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00245	-180.31	144.96	0.00245
-183.85	141.42	0.00244	-190.92	134.35	0.00237
-197.99	127.28	0.00225	-205.06	120.21	0.00212
-212.13	113.14	0.00197	-219.20	106.07	0.00184
-226.27	98.99	0.00171	-233.35	91.92	0.00159
-84.85	226.27	0.00292	-91.92	219.20	0.00320
-99.00	212.13	0.00352	-106.07	205.06	0.00391
-113.14	197.99	0.00436	-120.21	190.92	0.00491
-127.28	183.85	0.00555	-134.35	176.78	0.00630
-137.89	173.24	0.00672	-141.42	169.71	0.00713
-143.54	167.58	0.00734	-144.96	166.17	0.00746
-146.37	164.76	0.00755	-147.79	163.34	0.00767
-149.20	161.93	0.00772	-161.93	149.20	0.00401
-163.34	147.79	0.00381	-164.76	146.37	0.00366
-166.17	144.96	0.00356	-167.58	143.54	0.00348
-169.71	141.42	0.00338	-173.24	137.89	0.00326
-176.78	134.35	0.00315	-183.85	127.28	0.00294
-190.92	120.21	0.00272	-197.99	113.14	0.00250
-205.06	106.07	0.00229	-212.13	98.99	0.00210
-219.20	91.92	0.00193	-226.27	84.85	0.00178
-77.78	219.20	0.00300	-84.85	212.13	0.00330
-91.92	205.06	0.00364	-99.00	197.99	0.00405
-106.07	190.92	0.00454	-113.14	183.85	0.00513
-120.21	176.78	0.00583	-127.28	169.71	0.00665
-130.81	166.17	0.00709	-134.35	162.63	0.00754
-136.47	160.51	0.00776	-137.89	159.10	0.00788

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00795	-140.71	156.27	0.00801
-142.13	154.86	0.00806	-154.86	142.13	0.00498
-156.27	140.71	0.00482	-157.68	139.30	0.00469
-159.10	137.89	0.00458	-160.51	136.47	0.00448
-162.63	134.35	0.00433	-166.17	130.81	0.00412
-169.71	127.28	0.00392	-176.78	120.21	0.00355
-183.85	113.14	0.00320	-190.92	106.07	0.00289
-197.99	98.99	0.00261	-205.06	91.92	0.00237
-212.13	84.85	0.00216	-219.20	77.78	0.00197
-70.71	212.13	0.00307	-77.78	205.06	0.00338
-84.85	197.99	0.00374	-91.92	190.92	0.00417
-98.99	183.85	0.00468	-106.07	176.78	0.00529
-113.14	169.71	0.00602	-120.21	162.63	0.00686
-123.74	159.10	0.00730	-127.28	155.56	0.00773

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

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

18:55:26

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00795	-130.81	152.03	0.00807
-132.23	150.61	0.00815	-133.64	149.20	0.00818
-135.06	147.79	0.00823	-147.79	135.06	0.00542
-149.20	133.64	0.00530	-150.61	132.23	0.00520
-152.03	130.81	0.00512	-153.44	129.40	0.00505
-155.56	127.28	0.00495	-159.10	123.74	0.00476
-162.63	120.21	0.00456	-169.71	113.14	0.00413
-176.78	106.07	0.00369	-183.85	98.99	0.00329
-190.92	91.92	0.00294	-197.99	84.85	0.00264
-205.06	77.78	0.00238	-212.13	70.71	0.00217
-63.64	205.06	0.00313	-70.71	197.99	0.00345
-77.78	190.92	0.00382	-84.85	183.85	0.00426
-91.92	176.78	0.00478	-98.99	169.71	0.00540
-106.07	162.63	0.00614	-113.14	155.56	0.00699
-116.67	152.03	0.00743	-120.21	148.49	0.00784
-122.33	146.37	0.00807	-123.74	144.96	0.00819
-125.16	143.54	0.00829	-126.57	142.13	0.00833
-127.99	140.71	0.00837	-140.71	127.99	0.00569
-142.13	126.57	0.00559	-143.54	125.16	0.00551
-144.96	123.74	0.00545	-146.37	122.33	0.00539

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00531	-152.03	116.67	0.00517
-155.56	113.14	0.00500	-162.63	106.07	0.00458
-169.71	98.99	0.00411	-176.78	91.92	0.00366
-183.85	84.85	0.00326	-190.92	77.78	0.00291
-197.99	70.71	0.00261	-205.06	63.64	0.00236
-56.57	197.99	0.00318	-63.64	190.92	0.00350
-70.71	183.85	0.00388	-77.78	176.78	0.00432
-84.85	169.71	0.00486	-91.92	162.63	0.00549
-98.99	155.56	0.00623	-106.07	148.49	0.00707
-109.60	144.96	0.00752	-113.14	141.42	0.00795
-115.26	139.30	0.00817	-116.67	137.89	0.00829
-118.09	136.47	0.00839	-119.50	135.06	0.00844
-120.92	133.64	0.00846	-133.64	120.92	0.00587
-135.06	119.50	0.00578	-136.47	118.09	0.00572
-137.89	116.67	0.00567	-139.30	115.26	0.00562
-141.42	113.14	0.00556	-144.96	109.60	0.00544
-148.49	106.07	0.00528	-155.56	98.99	0.00489
-162.63	91.92	0.00443	-169.71	84.85	0.00397
-176.78	77.78	0.00354	-183.85	70.71	0.00316
-190.92	63.64	0.00283	-197.99	56.57	0.00255

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
-49.50	190.92	0.00322	-56.57	183.85	0.00354
-63.64	176.78	0.00393	-70.71	169.71	0.00438
-77.78	162.63	0.00491	-84.85	155.56	0.00555
-91.92	148.49	0.00629	-98.99	141.42	0.00714
-102.53	137.89	0.00759	-106.07	134.35	0.00803
-108.19	132.23	0.00826	-109.60	130.81	0.00838
-111.02	129.40	0.00847	-112.43	127.99	0.00852
-113.84	126.57	0.00853	-126.57	113.84	0.00601
-127.99	112.43	0.00593	-129.40	111.02	0.00587
-130.81	109.60	0.00583	-132.23	108.19	0.00579
-134.35	106.07	0.00573	-137.89	102.53	0.00563
-141.42	98.99	0.00548	-148.49	91.92	0.00512
-155.56	84.85	0.00467	-162.63	77.78	0.00421
-169.71	70.71	0.00377	-176.78	63.64	0.00337

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00302	-190.92	49.50	0.00272
-42.43	183.85	0.00325	-49.50	176.78	0.00358
-56.57	169.71	0.00396	-63.64	162.63	0.00442
-70.71	155.56	0.00495	-77.78	148.49	0.00558
-84.85	141.42	0.00633	-91.92	134.35	0.00719
-95.46	130.81	0.00766	-98.99	127.28	0.00810
-101.12	125.16	0.00833	-102.53	123.74	0.00845
-103.94	122.33	0.00855	-105.36	120.92	0.00859
-106.77	119.50	0.00860	-119.50	106.77	0.00611
-120.92	105.36	0.00603	-122.33	103.94	0.00598
-123.74	102.53	0.00595	-125.16	101.12	0.00592
-127.28	98.99	0.00586	-130.81	95.46	0.00577
-134.35	91.92	0.00564	-141.42	84.85	0.00528
-148.49	77.78	0.00485	-155.56	70.71	0.00439
-162.63	63.64	0.00395	-169.71	56.57	0.00355
-176.78	49.50	0.00319	-183.85	42.43	0.00288
-35.36	176.78	0.00327	-42.43	169.71	0.00361
-49.50	162.63	0.00399	-56.57	155.56	0.00445
-63.64	148.49	0.00499	-70.71	141.42	0.00562
-77.78	134.35	0.00637	-84.85	127.28	0.00723
-88.39	123.74	0.00771	-91.92	120.21	0.00816
-94.05	118.09	0.00839	-95.46	116.67	0.00852
-96.87	115.26	0.00861	-98.29	113.84	0.00866
-99.70	112.43	0.00865	-112.43	99.70	0.00620
-113.84	98.29	0.00612	-115.26	96.87	0.00607
-116.67	95.46	0.00604	-118.09	94.05	0.00601

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

18:55:26  
 \*\*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	0.00597	-123.74	88.39	0.00587
-127.28	84.85	0.00575	-134.35	77.78	0.00540
-141.42	70.71	0.00498	-148.49	63.64	0.00453
-155.56	56.57	0.00409	-162.63	49.50	0.00369
-169.71	42.43	0.00333	-176.78	35.36	0.00301
-28.28	169.71	0.00329	-35.36	162.63	0.00363
-42.43	155.56	0.00401	-49.50	148.49	0.00447
-56.57	141.42	0.00501	-63.64	134.35	0.00565

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00640	-77.78	120.21	0.00727
-81.32	116.67	0.00774	-84.85	113.14	0.00821
-86.97	111.02	0.00845	-88.39	109.60	0.00858
-89.80	108.19	0.00868	-91.22	106.77	0.00874
-92.63	105.36	0.00872	-105.36	92.63	0.00626
-106.77	91.22	0.00619	-108.19	89.80	0.00613
-109.60	88.39	0.00610	-111.02	86.97	0.00608
-113.14	84.85	0.00604	-116.67	81.32	0.00596
-120.21	77.78	0.00584	-127.28	70.71	0.00550
-134.35	63.64	0.00508	-141.42	56.57	0.00464
-148.49	49.50	0.00420	-155.56	42.43	0.00380
-162.63	35.36	0.00344	-169.71	28.28	0.00312
-21.21	162.63	0.00331	-28.28	155.56	0.00364
-35.36	148.49	0.00403	-42.43	141.42	0.00449
-49.50	134.35	0.00503	-56.57	127.28	0.00567
-63.64	120.21	0.00643	-70.71	113.14	0.00730
-74.25	109.60	0.00777	-77.78	106.07	0.00823
-79.90	103.94	0.00847	-81.32	102.53	0.00859
-82.73	101.12	0.00869	-84.15	99.70	0.00881
-85.56	98.29	0.00887	-98.29	85.56	0.00630
-99.70	84.15	0.00623	-101.12	82.73	0.00619
-102.53	81.32	0.00616	-103.94	79.90	0.00614
-106.07	77.78	0.00610	-109.60	74.25	0.00602
-113.14	70.71	0.00590	-120.21	63.64	0.00558
-127.28	56.57	0.00516	-134.35	49.50	0.00472
-141.42	42.43	0.00429	-148.49	35.36	0.00390
-155.56	28.28	0.00354	-162.63	21.21	0.00322
-14.14	155.56	0.00332	-21.21	148.49	0.00365
-28.28	141.42	0.00404	-35.36	134.35	0.00450
-42.43	127.28	0.00504	-49.50	120.21	0.00569
-56.57	113.14	0.00645	-63.64	106.07	0.00732
-67.18	102.53	0.00779	-70.71	98.99	0.00826

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 128  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00850	-74.25	95.46	0.00863
-75.66	94.05	0.00872	-77.07	92.63	0.00880

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.00887	-91.22	78.49	0.00632
-92.63	77.07	0.00626	-94.05	75.66	0.00623
-95.46	74.25	0.00620	-96.87	72.83	0.00618
-98.99	70.71	0.00615	-102.53	67.18	0.00608
-106.07	63.64	0.00596	-113.14	56.57	0.00564
-120.21	49.50	0.00523	-127.28	42.43	0.00479
-134.35	35.36	0.00436	-141.42	28.28	0.00397
-148.49	21.21	0.00361	-155.56	14.14	0.00329
-7.07	148.49	0.00332	-14.14	141.42	0.00366
-21.21	134.35	0.00405	-28.28	127.28	0.00451
-35.36	120.21	0.00505	-42.43	113.14	0.00570
-49.50	106.07	0.00647	-56.57	98.99	0.00735
-60.10	95.46	0.00781	-63.64	91.92	0.00827
-65.76	89.80	0.00852	-67.18	88.39	0.00866
-68.59	86.97	0.00875	-70.00	85.56	0.00880
-71.42	84.15	0.00887	-84.15	71.42	0.00635
-85.56	70.00	0.00629	-86.97	68.59	0.00626
-88.39	67.18	0.00623	-89.80	65.76	0.00622
-91.92	63.64	0.00619	-95.46	60.10	0.00612
-98.99	56.57	0.00601	-106.07	49.50	0.00569
-113.14	42.43	0.00528	-120.21	35.36	0.00485
-127.28	28.28	0.00442	-134.35	21.21	0.00403
-141.42	14.14	0.00367	-148.49	7.07	0.00335
0.00	141.42	0.00332	-7.07	134.35	0.00366
-14.14	127.28	0.00405	-21.21	120.21	0.00452
-28.28	113.14	0.00506	-35.36	106.07	0.00572
-42.43	98.99	0.00649	-49.50	91.92	0.00737
-53.03	88.39	0.00784	-56.57	84.85	0.00829
-58.69	82.73	0.00853	-60.10	81.32	0.00867
-61.52	79.90	0.00877	-62.93	78.49	0.00883
-64.35	77.07	0.00887	-77.07	64.35	0.00638
-78.49	62.93	0.00632	-79.90	61.52	0.00628
-81.32	60.10	0.00626	-82.73	58.69	0.00624
-84.85	56.57	0.00622	-88.39	53.03	0.00615
-91.92	49.50	0.00604	-98.99	42.43	0.00573
-106.07	35.36	0.00533	-113.14	28.28	0.00489
-120.21	21.21	0.00447	-127.28	14.14	0.00408
-134.35	7.07	0.00372	-141.42	0.00	0.00341

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	0.00332	0.00	127.28	0.00366
-7.07	120.21	0.00406	-14.14	113.14	0.00452
-21.21	106.07	0.00507	-28.28	98.99	0.00573
-35.36	91.92	0.00650	-42.43	84.85	0.00738
-45.96	81.32	0.00785	-49.50	77.78	0.00831
-51.62	75.66	0.00854	-53.03	74.25	0.00868
-54.45	72.83	0.00878	-55.86	71.42	0.00884
-57.28	70.00	0.00886	-70.00	57.28	0.00640
-71.42	55.86	0.00634	-72.83	54.45	0.00631
-74.25	53.03	0.00628	-75.66	51.62	0.00626
-77.78	49.50	0.00624	-81.32	45.96	0.00617
-84.85	42.43	0.00607	-91.92	35.36	0.00576
-98.99	28.28	0.00536	-106.07	21.21	0.00493
-113.14	14.14	0.00451	-120.21	7.07	0.00412
-127.28	0.00	0.00377	-134.35	-7.07	0.00345
14.14	127.28	0.00332	7.07	120.21	0.00366
0.00	113.14	0.00406	-7.07	106.07	0.00452
-14.14	98.99	0.00508	-21.21	91.92	0.00573
-28.28	84.85	0.00651	-35.36	77.78	0.00740
-38.89	74.25	0.00787	-42.43	70.71	0.00832
-44.55	68.59	0.00857	-45.96	67.18	0.00869
-47.38	65.76	0.00879	-48.79	64.35	0.00885
-50.20	62.93	0.00886	-62.93	50.20	0.00642
-64.35	48.79	0.00636	-65.76	47.38	0.00632
-67.18	45.96	0.00630	-68.59	44.55	0.00628
-70.71	42.43	0.00626	-74.25	38.89	0.00619
-77.78	35.36	0.00609	-84.85	28.28	0.00579
-91.92	21.21	0.00539	-98.99	14.14	0.00496
-106.07	7.07	0.00455	-113.14	0.00	0.00416
-120.21	-7.07	0.00380	-127.28	-14.14	0.00349
21.21	120.21	0.00331	14.14	113.14	0.00366
7.07	106.07	0.00405	0.00	98.99	0.00452
-7.07	91.92	0.00508	-14.14	84.85	0.00573
-21.21	77.78	0.00651	-28.28	70.71	0.00740
-31.82	67.18	0.00788	-35.36	63.64	0.00834
-37.48	61.52	0.00857	-38.89	60.10	0.00871
-40.31	58.69	0.00880	-41.72	57.28	0.00885
-43.13	55.86	0.00886	-55.86	43.13	0.00644
-57.28	41.72	0.00637	-58.69	40.31	0.00634
-60.10	38.89	0.00632	-61.52	37.48	0.00630

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:55:26

\*\*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	0.00627	-67.18	31.82	0.00621
-70.71	28.28	0.00611	-77.78	21.21	0.00581
-84.85	14.14	0.00542	-91.92	7.07	0.00499
-98.99	0.00	0.00457	-106.07	-7.07	0.00419
-113.14	-14.14	0.00383	-120.21	-21.21	0.00352
28.28	113.14	0.00331	21.21	106.07	0.00365
14.14	98.99	0.00405	7.07	91.92	0.00452
0.00	84.85	0.00508	-7.07	77.78	0.00574
-14.14	70.71	0.00651	-21.21	63.64	0.00740
-24.75	60.10	0.00789	-28.28	56.57	0.00835
-30.41	54.45	0.00859	-31.82	53.03	0.00872
-33.23	51.62	0.00881	-34.65	50.20	0.00886
-36.06	48.79	0.00886	-48.79	36.06	0.00645
-50.20	34.65	0.00638	-51.62	33.23	0.00635
-53.03	31.82	0.00633	-54.45	30.41	0.00631
-56.57	28.28	0.00629	-60.10	24.75	0.00622
-63.64	21.21	0.00613	-70.71	14.14	0.00583
-77.78	7.07	0.00543	-84.85	0.00	0.00501
-91.92	-7.07	0.00460	-98.99	-14.14	0.00421
-106.07	-21.21	0.00386	-113.14	-28.28	0.00354
35.36	106.07	0.00330	28.28	98.99	0.00364
21.21	91.92	0.00405	14.14	84.85	0.00452
7.07	77.78	0.00508	0.00	70.71	0.00574
-7.07	63.64	0.00651	-14.14	56.57	0.00740
-17.68	53.03	0.00789	-21.21	49.50	0.00836
-23.33	47.38	0.00860	-24.75	45.96	0.00874
-26.16	44.55	0.00885	-27.58	43.13	0.00891
-28.99	41.72	0.00889	-41.72	28.99	0.00647
-43.13	27.58	0.00640	-44.55	26.16	0.00635
-45.96	24.75	0.00633	-47.38	23.33	0.00632
-49.50	21.21	0.00630	-53.03	17.68	0.00623
-56.57	14.14	0.00614	-63.64	7.07	0.00584
-70.71	0.00	0.00545	-77.78	-7.07	0.00503
-84.85	-14.14	0.00462	-91.92	-21.21	0.00423

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00388	-106.07	-35.36	0.00357
42.43	98.99	0.00328	35.36	91.92	0.00363
28.28	84.85	0.00404	21.21	77.78	0.00451
14.14	70.71	0.00507	7.07	63.64	0.00573
0.00	56.57	0.00651	-7.07	49.50	0.00740
-10.61	45.96	0.00788	-14.14	42.43	0.00835

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	0.00859	-17.68	38.89	0.00872
-19.09	37.48	0.00881	-20.51	36.06	0.00894
-21.92	34.65	0.00900	-34.65	21.92	0.00646
-36.06	20.51	0.00640	-37.48	19.09	0.00636
-38.89	17.68	0.00634	-40.31	16.26	0.00633
-42.43	14.14	0.00630	-45.96	10.61	0.00624
-49.50	7.07	0.00614	-56.57	0.00	0.00585
-63.64	-7.07	0.00546	-70.71	-14.14	0.00504
-77.78	-21.21	0.00463	-84.85	-28.28	0.00425
-91.92	-35.36	0.00390	-98.99	-42.43	0.00358
49.50	91.92	0.00327	42.43	84.85	0.00362
35.36	77.78	0.00403	28.28	70.71	0.00450
21.21	63.64	0.00507	14.14	56.57	0.00573
7.07	49.50	0.00651	0.00	42.43	0.00740
-3.54	38.89	0.00787	-7.07	35.36	0.00835
-9.19	33.23	0.00859	-10.61	31.82	0.00872
-12.02	30.41	0.00881	-13.44	28.99	0.00889
-14.85	27.58	0.00897	-27.58	14.85	0.00645
-28.99	13.44	0.00639	-30.41	12.02	0.00636
-31.82	10.61	0.00635	-33.23	9.19	0.00633
-35.36	7.07	0.00631	-38.89	3.54	0.00625
-42.43	0.00	0.00615	-49.50	-7.07	0.00586
-56.57	-14.14	0.00547	-63.64	-21.21	0.00505
-70.71	-28.28	0.00464	-77.78	-35.36	0.00426
-84.85	-42.43	0.00391	-91.92	-49.50	0.00360
56.57	84.85	0.00325	49.50	77.78	0.00360
42.43	70.71	0.00401	35.36	63.64	0.00449
28.28	56.57	0.00506	21.21	49.50	0.00572

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00650	7.07	35.36	0.00740
3.54	31.82	0.00787	0.00	28.28	0.00833
-2.12	26.16	0.00859	-3.54	24.75	0.00873
-4.95	23.33	0.00882	-6.36	21.92	0.00887
-7.78	20.51	0.00894	-20.51	7.78	0.00645
-21.92	6.36	0.00639	-23.33	4.95	0.00636
-24.75	3.54	0.00634	-26.16	2.12	0.00633
-28.28	0.00	0.00631	-31.82	-3.54	0.00625
-35.36	-7.07	0.00616	-42.43	-14.14	0.00586
-49.50	-21.21	0.00548	-56.57	-28.28	0.00506
-63.64	-35.36	0.00465	-70.71	-42.43	0.00427
-77.78	-49.50	0.00392	-84.85	-56.57	0.00361

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00323	56.57	70.71	0.00358
49.50	63.64	0.00400	42.43	56.57	0.00448
35.36	49.50	0.00504	28.28	42.43	0.00571
21.21	35.36	0.00650	14.14	28.28	0.00740
10.61	24.75	0.00787	7.07	21.21	0.00832
4.95	19.09	0.00857	3.54	17.68	0.00871
2.12	16.26	0.00882	0.71	14.85	0.00887
-0.71	13.44	0.00892	-13.44	0.71	0.00645
-14.85	-0.71	0.00639	-16.26	-2.12	0.00636
-17.68	-3.54	0.00634	-19.09	-4.95	0.00633
-21.21	-7.07	0.00630	-24.75	-10.61	0.00625
-28.28	-14.14	0.00616	-35.36	-21.21	0.00587
-42.43	-28.28	0.00548	-49.50	-35.36	0.00507
-56.57	-42.43	0.00466	-63.64	-49.50	0.00428
-70.71	-56.57	0.00393	-77.78	-63.64	0.00362
70.71	70.71	0.00320	63.64	63.64	0.00356
56.57	56.57	0.00398	49.50	49.50	0.00446
42.43	42.43	0.00503	35.36	35.36	0.00570
28.28	28.28	0.00649	21.21	21.21	0.00739
17.68	17.68	0.00786	14.14	14.14	0.00832
12.02	12.02	0.00856	10.61	10.61	0.00870
9.19	9.19	0.00880	7.78	7.78	0.00886

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.00889	-6.36	-6.36	0.00644
-7.78	-7.78	0.00639	-9.19	-9.19	0.00635
-10.61	-10.61	0.00633	-12.02	-12.02	0.00632
-14.14	-14.14	0.00630	-17.68	-17.68	0.00625
-21.21	-21.21	0.00615	-28.28	-28.28	0.00587
-35.36	-35.36	0.00548	-42.43	-42.43	0.00507
-49.50	-49.50	0.00466	-56.57	-56.57	0.00428
-63.64	-63.64	0.00394	-70.71	-70.71	0.00363
77.78	63.64	0.00317	70.71	56.57	0.00353
63.64	49.50	0.00395	56.57	42.43	0.00444
49.50	35.36	0.00501	42.43	28.28	0.00568
35.36	21.21	0.00647	28.28	14.14	0.00738
24.75	10.61	0.00785	21.21	7.07	0.00832
19.09	4.95	0.00856	17.68	3.54	0.00869
16.26	2.12	0.00879	14.85	0.71	0.00885
13.44	-0.71	0.00886	0.71	-13.44	0.00644
-0.71	-14.85	0.00638	-2.12	-16.26	0.00635
-3.54	-17.68	0.00633	-4.95	-19.09	0.00632

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
-7.07	-21.21	0.00629	-10.61	-24.75	0.00624
-14.14	-28.28	0.00615	-21.21	-35.36	0.00586
-28.28	-42.43	0.00548	-35.36	-49.50	0.00507
-42.43	-56.57	0.00467	-49.50	-63.64	0.00429
-56.57	-70.71	0.00394	-63.64	-77.78	0.00363
84.85	56.57	0.00313	77.78	49.50	0.00350
70.71	42.43	0.00392	63.64	35.36	0.00441
56.57	28.28	0.00499	49.50	21.21	0.00566
42.43	14.14	0.00645	35.36	7.07	0.00736
31.82	3.54	0.00784	28.28	0.00	0.00831
26.16	-2.12	0.00855	24.75	-3.54	0.00868
23.33	-4.95	0.00878	21.92	-6.36	0.00883
20.51	-7.78	0.00884	7.78	-20.51	0.00644
6.36	-21.92	0.00637	4.95	-23.33	0.00634
3.54	-24.75	0.00632	2.12	-26.16	0.00631
0.00	-28.28	0.00629	-3.54	-31.82	0.00623

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00614	-14.14	-42.43	0.00586
-21.21	-49.50	0.00548	-28.28	-56.57	0.00507
-35.36	-63.64	0.00466	-42.43	-70.71	0.00429
-49.50	-77.78	0.00394	-56.57	-84.85	0.00363
91.92	49.50	0.00309	84.85	42.43	0.00346
77.78	35.36	0.00389	70.71	28.28	0.00438
63.64	21.21	0.00496	56.57	14.14	0.00564
49.50	7.07	0.00643	42.43	0.00	0.00734
38.89	-3.54	0.00783	35.36	-7.07	0.00830
33.23	-9.19	0.00854	31.82	-10.61	0.00867
30.41	-12.02	0.00877	28.99	-13.44	0.00882
27.58	-14.85	0.00882	14.85	-27.58	0.00643
13.44	-28.99	0.00637	12.02	-30.41	0.00633
10.61	-31.82	0.00631	9.19	-33.23	0.00630
7.07	-35.36	0.00628	3.54	-38.89	0.00622
0.00	-42.43	0.00613	-7.07	-49.50	0.00585
-14.14	-56.57	0.00548	-21.21	-63.64	0.00507
-28.28	-70.71	0.00466	-35.36	-77.78	0.00429
-42.43	-84.85	0.00394	-49.50	-91.92	0.00363
98.99	42.43	0.00304	91.92	35.36	0.00342
84.85	28.28	0.00385	77.78	21.21	0.00435
70.71	14.14	0.00493	63.64	7.07	0.00561
56.57	0.00	0.00641	49.50	-7.07	0.00731
45.96	-10.61	0.00780	42.43	-14.14	0.00828

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 134  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00853	38.89	-17.68	0.00867
37.48	-19.09	0.00878	36.06	-20.51	0.00885
34.65	-21.92	0.00883	21.92	-34.65	0.00642
20.51	-36.06	0.00636	19.09	-37.48	0.00632
17.68	-38.89	0.00630	16.26	-40.31	0.00629
14.14	-42.43	0.00627	10.61	-45.96	0.00621
7.07	-49.50	0.00612	0.00	-56.57	0.00584
-7.07	-63.64	0.00547	-14.14	-70.71	0.00506
-21.21	-77.78	0.00466	-28.28	-84.85	0.00428
-35.36	-91.92	0.00394	-42.43	-98.99	0.00363

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00298	98.99	28.28	0.00336
91.92	21.21	0.00380	84.85	14.14	0.00431
77.78	7.07	0.00490	70.71	0.00	0.00558
63.64	-7.07	0.00638	56.57	-14.14	0.00729
53.03	-17.68	0.00778	49.50	-21.21	0.00825
47.38	-23.33	0.00850	45.96	-24.75	0.00862
44.55	-26.16	0.00872	43.13	-27.58	0.00885
41.72	-28.99	0.00892	28.99	-41.72	0.00640
27.58	-43.13	0.00634	26.16	-44.55	0.00631
24.75	-45.96	0.00629	23.33	-47.38	0.00627
21.21	-49.50	0.00626	17.68	-53.03	0.00620
14.14	-56.57	0.00611	7.07	-63.64	0.00583
0.00	-70.71	0.00546	-7.07	-77.78	0.00505
-14.14	-84.85	0.00465	-21.21	-91.92	0.00427
-28.28	-98.99	0.00393	-35.36	-106.07	0.00362
113.14	28.28	0.00291	106.07	21.21	0.00330
98.99	14.14	0.00374	91.92	7.07	0.00426
84.85	0.00	0.00485	77.78	-7.07	0.00554
70.71	-14.14	0.00635	63.64	-21.21	0.00726
60.10	-24.75	0.00774	56.57	-28.28	0.00822
54.45	-30.41	0.00848	53.03	-31.82	0.00861
51.62	-33.23	0.00870	50.20	-34.65	0.00878
48.79	-36.06	0.00886	36.06	-48.79	0.00636
34.65	-50.20	0.00631	33.23	-51.62	0.00629
31.82	-53.03	0.00627	30.41	-54.45	0.00626
28.28	-56.57	0.00624	24.75	-60.10	0.00619
21.21	-63.64	0.00610	14.14	-70.71	0.00582
7.07	-77.78	0.00545	0.00	-84.85	0.00504
-7.07	-91.92	0.00464	-14.14	-98.99	0.00427
-21.21	-106.07	0.00392	-28.28	-113.14	0.00362

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	0.00283	113.14	14.14	0.00322
106.07	7.07	0.00368	98.99	0.00	0.00420
91.92	-7.07	0.00480	84.85	-14.14	0.00550
77.78	-21.21	0.00631	70.71	-28.28	0.00723

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00771	63.64	-35.36	0.00818
61.52	-37.48	0.00844	60.10	-38.89	0.00858
58.69	-40.31	0.00868	57.28	-41.72	0.00874
55.86	-43.13	0.00881	43.13	-55.86	0.00634
41.72	-57.28	0.00629	40.31	-58.69	0.00626
38.89	-60.10	0.00624	37.48	-61.52	0.00623
35.36	-63.64	0.00622	31.82	-67.18	0.00617
28.28	-70.71	0.00608	21.21	-77.78	0.00580
14.14	-84.85	0.00543	7.07	-91.92	0.00503
0.00	-98.99	0.00463	-7.07	-106.07	0.00425
-14.14	-113.14	0.00391	-21.21	-120.21	0.00361
127.28	14.14	0.00274	120.21	7.07	0.00313
113.14	0.00	0.00359	106.07	-7.07	0.00412
98.99	-14.14	0.00474	91.92	-21.21	0.00544
84.85	-28.28	0.00626	77.78	-35.36	0.00719
74.25	-38.89	0.00768	70.71	-42.43	0.00814
68.59	-44.55	0.00840	67.18	-45.96	0.00854
65.76	-47.38	0.00865	64.35	-48.79	0.00871
62.93	-50.20	0.00876	50.20	-62.93	0.00632
48.79	-64.35	0.00626	47.38	-65.76	0.00623
45.96	-67.18	0.00622	44.55	-68.59	0.00621
42.43	-70.71	0.00619	38.89	-74.25	0.00614
35.36	-77.78	0.00606	28.28	-84.85	0.00578
21.21	-91.92	0.00542	14.14	-98.99	0.00501
7.07	-106.07	0.00461	0.00	-113.14	0.00424
-7.07	-120.21	0.00390	-14.14	-127.28	0.00359
134.35	7.07	0.00263	127.28	0.00	0.00303
120.21	-7.07	0.00349	113.14	-14.14	0.00403
106.07	-21.21	0.00466	98.99	-28.28	0.00538
91.92	-35.36	0.00621	84.85	-42.43	0.00714
81.32	-45.96	0.00763	77.78	-49.50	0.00811
75.66	-51.62	0.00835	74.25	-53.03	0.00849
72.83	-54.45	0.00860	71.42	-55.86	0.00867
70.00	-57.28	0.00870	57.28	-70.00	0.00629
55.86	-71.42	0.00623	54.45	-72.83	0.00621
53.03	-74.25	0.00619	51.62	-75.66	0.00618

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

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

18:55:26

\*\*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 \*\*\*



19NCRA\_NAPA00-300\_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	0.00616	45.96	-81.32	0.00612
42.43	-84.85	0.00603	35.36	-91.92	0.00576
28.28	-98.99	0.00539	21.21	-106.07	0.00499
14.14	-113.14	0.00459	7.07	-120.21	0.00422
0.00	-127.28	0.00388	-7.07	-134.35	0.00358
141.42	0.00	0.00251	134.35	-7.07	0.00291
127.28	-14.14	0.00338	120.21	-21.21	0.00392
113.14	-28.28	0.00456	106.07	-35.36	0.00529
98.99	-42.43	0.00614	91.92	-49.50	0.00708
88.39	-53.03	0.00758	84.85	-56.57	0.00806
82.73	-58.69	0.00831	81.32	-60.10	0.00845
79.90	-61.52	0.00855	78.49	-62.93	0.00862
77.07	-64.35	0.00863	64.35	-77.07	0.00626
62.93	-78.49	0.00620	61.52	-79.90	0.00617
60.10	-81.32	0.00616	58.69	-82.73	0.00615
56.57	-84.85	0.00613	53.03	-88.39	0.00609
49.50	-91.92	0.00601	42.43	-98.99	0.00574
35.36	-106.07	0.00537	28.28	-113.14	0.00497
21.21	-120.21	0.00457	14.14	-127.28	0.00420
7.07	-134.35	0.00386	0.00	-141.42	0.00355
148.49	-7.07	0.00238	141.42	-14.14	0.00277
134.35	-21.21	0.00323	127.28	-28.28	0.00379
120.21	-35.36	0.00444	113.14	-42.43	0.00519
106.07	-49.50	0.00605	98.99	-56.57	0.00701
95.46	-60.10	0.00752	91.92	-63.64	0.00800
89.80	-65.76	0.00825	88.39	-67.18	0.00840
86.97	-68.59	0.00850	85.56	-70.00	0.00856
84.15	-71.42	0.00858	71.42	-84.15	0.00622
70.00	-85.56	0.00616	68.59	-86.97	0.00613
67.18	-88.39	0.00612	65.76	-89.80	0.00611
63.64	-91.92	0.00609	60.10	-95.46	0.00605
56.57	-98.99	0.00597	49.50	-106.07	0.00570
42.43	-113.14	0.00534	35.36	-120.21	0.00494
28.28	-127.28	0.00454	21.21	-134.35	0.00417
14.14	-141.42	0.00383	7.07	-148.49	0.00353
155.56	-14.14	0.00224	148.49	-21.21	0.00261
141.42	-28.28	0.00307	134.35	-35.36	0.00363
127.28	-42.43	0.00429	120.21	-49.50	0.00506
113.14	-56.57	0.00594	106.07	-63.64	0.00692
102.53	-67.18	0.00744	98.99	-70.71	0.00794

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00820	95.46	-74.25	0.00834
94.05	-75.66	0.00844	92.63	-77.07	0.00850
91.22	-78.49	0.00851	78.49	-91.22	0.00618
77.07	-92.63	0.00612	75.66	-94.05	0.00609
74.25	-95.46	0.00608	72.83	-96.87	0.00607
70.71	-98.99	0.00605	67.18	-102.53	0.00601
63.64	-106.07	0.00593	56.57	-113.14	0.00567
49.50	-120.21	0.00531	42.43	-127.28	0.00491
35.36	-134.35	0.00451	28.28	-141.42	0.00414
21.21	-148.49	0.00380	14.14	-155.56	0.00350
162.63	-21.21	0.00209	155.56	-28.28	0.00244
148.49	-35.36	0.00288	141.42	-42.43	0.00343
134.35	-49.50	0.00410	127.28	-56.57	0.00490
120.21	-63.64	0.00580	113.14	-70.71	0.00680
109.60	-74.25	0.00734	106.07	-77.78	0.00785
103.94	-79.90	0.00812	102.53	-81.32	0.00827
101.12	-82.73	0.00839	99.70	-84.15	0.00847
98.29	-85.56	0.00846	85.56	-98.29	0.00613
84.15	-99.70	0.00607	82.73	-101.12	0.00603
81.32	-102.53	0.00602	79.90	-103.94	0.00602
77.78	-106.07	0.00600	74.25	-109.60	0.00596
70.71	-113.14	0.00589	63.64	-120.21	0.00563
56.57	-127.28	0.00526	49.50	-134.35	0.00486
42.43	-141.42	0.00447	35.36	-148.49	0.00410
28.28	-155.56	0.00376	21.21	-162.63	0.00345
169.71	-28.28	0.00194	162.63	-35.36	0.00226
155.56	-42.43	0.00267	148.49	-49.50	0.00320
141.42	-56.57	0.00387	134.35	-63.64	0.00468
127.28	-70.71	0.00562	120.21	-77.78	0.00666
116.67	-81.32	0.00720	113.14	-84.85	0.00773
111.02	-86.97	0.00800	109.60	-88.39	0.00814
108.19	-89.80	0.00826	106.77	-91.22	0.00840
105.36	-92.63	0.00848	92.63	-105.36	0.00605
91.22	-106.77	0.00600	89.80	-108.19	0.00597
88.39	-109.60	0.00596	86.97	-111.02	0.00596
84.85	-113.14	0.00595	81.32	-116.67	0.00591

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00583	70.71	-127.28	0.00557
63.64	-134.35	0.00521	56.57	-141.42	0.00481
49.50	-148.49	0.00442	42.43	-155.56	0.00405
35.36	-162.63	0.00371	28.28	-169.71	0.00340

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00179	169.71	-42.43	0.00208
162.63	-49.50	0.00245	155.56	-56.57	0.00294
148.49	-63.64	0.00358	141.42	-70.71	0.00440
134.35	-77.78	0.00538	127.28	-84.85	0.00647
123.74	-88.39	0.00703	120.21	-91.92	0.00758
118.09	-94.05	0.00787	116.67	-95.46	0.00802
115.26	-96.87	0.00814	113.84	-98.29	0.00824
112.43	-99.70	0.00834	99.70	-112.43	0.00595
98.29	-113.84	0.00591	96.87	-115.26	0.00590
95.46	-116.67	0.00589	94.05	-118.09	0.00589
91.92	-120.21	0.00588	88.39	-123.74	0.00585
84.85	-127.28	0.00577	77.78	-134.35	0.00551
70.71	-141.42	0.00515	63.64	-148.49	0.00475
56.57	-155.56	0.00436	49.50	-162.63	0.00398
42.43	-169.71	0.00364	35.36	-176.78	0.00333
183.85	-42.43	0.00163	176.78	-49.50	0.00190
169.71	-56.57	0.00223	162.63	-63.64	0.00267
155.56	-70.71	0.00326	148.49	-77.78	0.00404
141.42	-84.85	0.00504	134.35	-91.92	0.00620
130.81	-95.46	0.00680	127.28	-98.99	0.00737
125.16	-101.12	0.00768	123.74	-102.53	0.00786
122.33	-103.94	0.00799	120.92	-105.36	0.00807
119.50	-106.77	0.00817	106.77	-119.50	0.00586
105.36	-120.92	0.00582	103.94	-122.33	0.00580
102.53	-123.74	0.00580	101.12	-125.16	0.00580
98.99	-127.28	0.00579	95.46	-130.81	0.00577
91.92	-134.35	0.00569	84.85	-141.42	0.00544
77.78	-148.49	0.00507	70.71	-155.56	0.00468
63.64	-162.63	0.00427	56.57	-169.71	0.00390
49.50	-176.78	0.00355	42.43	-183.85	0.00325

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00148	183.85	-56.57	0.00171
176.78	-63.64	0.00201	169.71	-70.71	0.00239
162.63	-77.78	0.00290	155.56	-84.85	0.00362
148.49	-91.92	0.00459	141.42	-98.99	0.00582
137.89	-102.53	0.00647	134.35	-106.07	0.00709
132.23	-108.19	0.00743	130.81	-109.60	0.00762
129.40	-111.02	0.00777	127.99	-112.43	0.00788
126.57	-113.84	0.00797	113.84	-126.57	0.00575
112.43	-127.99	0.00571	111.02	-129.40	0.00569
109.60	-130.81	0.00569	108.19	-132.23	0.00569

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	0.00569	102.53	-137.89	0.00567
98.99	-141.42	0.00560	91.92	-148.49	0.00534
84.85	-155.56	0.00498	77.78	-162.63	0.00457
70.71	-169.71	0.00416	63.64	-176.78	0.00378
56.57	-183.85	0.00345	49.50	-190.92	0.00315
197.99	-56.57	0.00133	190.92	-63.64	0.00153
183.85	-70.71	0.00178	176.78	-77.78	0.00211
169.71	-84.85	0.00255	162.63	-91.92	0.00315
155.56	-98.99	0.00403	148.49	-106.07	0.00525
144.96	-109.60	0.00597	141.42	-113.14	0.00668
139.30	-115.26	0.00705	137.89	-116.67	0.00728
136.47	-118.09	0.00746	135.06	-119.50	0.00759
133.64	-120.92	0.00769	120.92	-133.64	0.00561
119.50	-135.06	0.00557	118.09	-136.47	0.00556
116.67	-137.89	0.00556	115.26	-139.30	0.00557
113.14	-141.42	0.00557	109.60	-144.96	0.00554
106.07	-148.49	0.00547	98.99	-155.56	0.00521
91.92	-162.63	0.00484	84.85	-169.71	0.00442
77.78	-176.78	0.00401	70.71	-183.85	0.00365
63.64	-190.92	0.00332	56.57	-197.99	0.00303
205.06	-63.64	0.00119	197.99	-70.71	0.00135
190.92	-77.78	0.00156	183.85	-84.85	0.00183
176.78	-91.92	0.00219	169.71	-98.99	0.00268
162.63	-106.07	0.00339	155.56	-113.14	0.00448

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00521	148.49	-120.21	0.00601
146.37	-122.33	0.00647	144.96	-123.74	0.00675
143.54	-125.16	0.00698	142.13	-126.57	0.00717
140.71	-127.99	0.00730	127.99	-140.71	0.00544
126.57	-142.13	0.00541	125.16	-143.54	0.00541
123.74	-144.96	0.00541	122.33	-146.37	0.00541
120.21	-148.49	0.00541	116.67	-152.03	0.00538
113.14	-155.56	0.00531	106.07	-162.63	0.00502
98.99	-169.71	0.00463	91.92	-176.78	0.00422
84.85	-183.85	0.00383	77.78	-190.92	0.00347
70.71	-197.99	0.00316	63.64	-205.06	0.00288
212.13	-70.71	0.00105	205.06	-77.78	0.00119
197.99	-84.85	0.00136	190.92	-91.92	0.00157
183.85	-98.99	0.00185	176.78	-106.07	0.00223
169.71	-113.14	0.00277	162.63	-120.21	0.00358
159.10	-123.74	0.00417	155.56	-127.28	0.00494

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 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	0.00547	152.03	-130.81	0.00582
150.61	-132.23	0.00615	149.20	-133.64	0.00644
147.79	-135.06	0.00667	135.06	-147.79	0.00524
133.64	-149.20	0.00520	132.23	-150.61	0.00520
130.81	-152.03	0.00520	129.40	-153.44	0.00520
127.28	-155.56	0.00520	123.74	-159.10	0.00515
120.21	-162.63	0.00505	113.14	-169.71	0.00474
106.07	-176.78	0.00436	98.99	-183.85	0.00396
91.92	-190.92	0.00359	84.85	-197.99	0.00326
77.78	-205.06	0.00297	70.71	-212.13	0.00272
219.20	-77.78	0.00093	212.13	-84.85	0.00104
205.06	-91.92	0.00117	197.99	-98.99	0.00133
190.92	-106.07	0.00154	183.85	-113.14	0.00181
176.78	-120.21	0.00218	169.71	-127.28	0.00271
166.17	-130.81	0.00309	162.63	-134.35	0.00359
160.51	-136.47	0.00397	159.10	-137.89	0.00428
157.68	-139.30	0.00463	156.27	-140.71	0.00502
154.86	-142.13	0.00542	142.13	-154.86	0.00495

19NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00492	139.30	-157.68	0.00490
137.89	-159.10	0.00489	136.47	-160.51	0.00487
134.35	-162.63	0.00484	130.81	-166.17	0.00475
127.28	-169.71	0.00464	120.21	-176.78	0.00433
113.14	-183.85	0.00398	106.07	-190.92	0.00364
98.99	-197.99	0.00331	91.92	-205.06	0.00302
84.85	-212.13	0.00277	77.78	-219.20	0.00255
226.27	-84.85	0.00081	219.20	-91.92	0.00090
212.13	-98.99	0.00100	205.06	-106.07	0.00112
197.99	-113.14	0.00127	190.92	-120.21	0.00145
183.85	-127.28	0.00167	176.78	-134.35	0.00197
173.24	-137.89	0.00215	169.71	-141.42	0.00236
167.58	-143.54	0.00251	166.17	-144.96	0.00261
164.76	-146.37	0.00274	163.34	-147.79	0.00289
161.93	-149.20	0.00312	149.20	-161.93	0.00438
147.79	-163.34	0.00430	146.37	-164.76	0.00425
144.96	-166.17	0.00422	143.54	-167.58	0.00420
141.42	-169.71	0.00417	137.89	-173.24	0.00410
134.35	-176.78	0.00402	127.28	-183.85	0.00381
120.21	-190.92	0.00355	113.14	-197.99	0.00327
106.07	-205.06	0.00301	98.99	-212.13	0.00277
91.92	-219.20	0.00256	84.85	-226.27	0.00236

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	0.00071	226.27	-98.99	0.00078
219.20	-106.07	0.00085	212.13	-113.14	0.00094
205.06	-120.21	0.00104	197.99	-127.28	0.00115
190.92	-134.35	0.00128	183.85	-141.42	0.00142
180.31	-144.96	0.00148	176.78	-148.49	0.00154
174.66	-150.61	0.00156	173.24	-152.03	0.00157
171.83	-153.44	0.00158	170.41	-154.86	0.00158
169.00	-156.27	0.00159	156.27	-169.00	0.00276
154.86	-170.41	0.00290	153.44	-171.83	0.00301
152.03	-173.24	0.00309	150.61	-174.66	0.00316
148.49	-176.78	0.00324	144.96	-180.31	0.00330
141.42	-183.85	0.00331	134.35	-190.92	0.00324

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127.28	-197.99	0.00308	120.21	-205.06	0.00289
113.14	-212.13	0.00270	106.07	-219.20	0.00251
98.99	-226.27	0.00233	91.92	-233.35	0.00218
240.42	-98.99	0.00062	233.35	-106.07	0.00067
226.27	-113.14	0.00073	219.20	-120.21	0.00079
212.13	-127.28	0.00086	205.06	-134.35	0.00093
197.99	-141.42	0.00100	190.92	-148.49	0.00107
187.38	-152.03	0.00110	183.85	-155.56	0.00112
181.73	-157.68	0.00114	180.31	-159.10	0.00116
178.90	-160.51	0.00117	177.48	-161.93	0.00119
176.07	-163.34	0.00122	163.34	-176.07	0.00177
161.93	-177.48	0.00187	160.51	-178.90	0.00198
159.10	-180.31	0.00207	157.68	-181.73	0.00216
155.56	-183.85	0.00228	152.03	-187.38	0.00244
148.49	-190.92	0.00254	141.42	-197.99	0.00263
134.35	-205.06	0.00259	127.28	-212.13	0.00250
120.21	-219.20	0.00237	113.14	-226.27	0.00224
106.07	-233.35	0.00211	98.99	-240.42	0.00198
247.49	-106.07	0.00055	240.42	-113.14	0.00059
233.35	-120.21	0.00063	226.27	-127.28	0.00067
219.20	-134.35	0.00072	212.13	-141.42	0.00076
205.06	-148.49	0.00081	197.99	-155.56	0.00086
194.45	-159.10	0.00088	190.92	-162.63	0.00092
188.80	-164.76	0.00095	187.38	-166.17	0.00096
185.97	-167.58	0.00098	184.55	-169.00	0.00100
183.14	-170.41	0.00101	170.41	-183.14	0.00133
169.00	-184.55	0.00140	167.58	-185.97	0.00146
166.17	-187.38	0.00152	164.76	-188.80	0.00158

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	0.00166	159.10	-194.45	0.00179
155.56	-197.99	0.00190	148.49	-205.06	0.00205
141.42	-212.13	0.00210	134.35	-219.20	0.00209
127.28	-226.27	0.00204	120.21	-233.35	0.00197
113.14	-240.42	0.00188	106.07	-247.49	0.00179

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 0.00718 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	133.64, -120.92, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00718 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	70.00, -57.28, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00718 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	6.36, 16.26, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	2.12, 16.26, 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 0.00718 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	-57.28, 70.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00718 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-139.30, 157.68, 0.00,	1.20) DC	NA



		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00697	AT (	-120.92,	133.64,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00696	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00900	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00897	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00894	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00894	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00892	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00892	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00891	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00889	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00889	AT (	-28.99,	41.72,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00889	AT (	6.36,	6.36,	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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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 7 Informational Message(s)  
 A Total of 7 Calm Hours Identified

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

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

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