

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 18:47:38

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

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

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

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

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

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

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

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

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

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



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

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

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

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

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

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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
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RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 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\18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\18NCRA\_NAPA97-300\_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\18NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\18NCRA-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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CONC URBAN FLAT FLGPOL DFAULT

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

Table with 11 columns: EMISSION RATE SOURCE SCALAR VARY BY ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER\*\*2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA\_S1 through NCRA\_S5.

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

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CONC URBAN FLAT FLGPOL DFAULT

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

GROUP ID SOURCE IDs

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

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

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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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:47:39

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

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



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:47:39

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:47:39  
 \*\*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);

18NCRA\_NAPA97-300\_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      \*\*\*

18:47:39  
 \*\*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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:47:39  
 \*\*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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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

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18:47:39

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

18NCRA\_NAPA97-300\_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);

18NCRA\_NAPA97-300\_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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18:47:39  
 \*\*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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:47:39

\*\*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);



18NCRA\_NAPA97-300\_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:  
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

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

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

18NCRA\_NAPA97-300\_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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18:47:39

\*\*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);

18NCRA\_NAPA97-300\_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

\*\*\*

18:47:39

\*\*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);

18NCRA\_NAPA97-300\_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:  
PAGE 16  
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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

18NCRA\_NAPA97-300\_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);

18NCRA\_NAPA97-300\_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);



18NCRA\_NAPA97-300\_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 \*\*\*

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\*\*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);

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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



18NCRA\_NAPA97-300\_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)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTS:  
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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	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00007	-91.92	219.20	0.00007
-99.00	212.13	0.00006	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00005
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

		18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00009
-63.64	176.78	0.00008	-70.71	169.71	0.00008
-77.78	162.63	0.00008	-84.85	155.56	0.00008
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00006
-113.84	126.57	0.00006	-126.57	113.84	0.00006
-127.99	112.43	0.00006	-129.40	111.02	0.00006
-130.81	109.60	0.00006	-132.23	108.19	0.00006
-134.35	106.07	0.00006	-137.89	102.53	0.00006
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00005	-162.63	77.78	0.00005
-169.71	70.71	0.00005	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00010	-49.50	176.78	0.00009
-56.57	169.71	0.00009	-63.64	162.63	0.00009
-70.71	155.56	0.00008	-77.78	148.49	0.00008
-84.85	141.42	0.00008	-91.92	134.35	0.00007
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00006
-120.92	105.36	0.00006	-122.33	103.94	0.00006
-123.74	102.53	0.00006	-125.16	101.12	0.00006
-127.28	98.99	0.00006	-130.81	95.46	0.00006
-134.35	91.92	0.00006	-141.42	84.85	0.00006
-148.49	77.78	0.00006	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00010	-42.43	169.71	0.00010
-49.50	162.63	0.00010	-56.57	155.56	0.00009
-63.64	148.49	0.00009	-70.71	141.42	0.00008
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00007
-94.05	118.09	0.00007	-95.46	116.67	0.00007
-96.87	115.26	0.00007	-98.29	113.84	0.00007
-99.70	112.43	0.00007	-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

\*\*\*

18:47:39

\*\*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	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00006	-148.49	63.64	0.00006
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00011	-35.36	162.63	0.00011
-42.43	155.56	0.00010	-49.50	148.49	0.00010
-56.57	141.42	0.00009	-63.64	134.35	0.00009
-70.71	127.28	0.00009	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00007
-106.77	91.22	0.00007	-108.19	89.80	0.00007
-109.60	88.39	0.00007	-111.02	86.97	0.00007
-113.14	84.85	0.00007	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00006	-141.42	56.57	0.00006
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00011	-42.43	141.42	0.00011
-49.50	134.35	0.00010	-56.57	127.28	0.00010
-63.64	120.21	0.00009	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00008
-79.90	103.94	0.00008	-81.32	102.53	0.00008
-82.73	101.12	0.00008	-84.15	99.70	0.00008
-85.56	98.29	0.00008	-98.29	85.56	0.00008
-99.70	84.15	0.00007	-101.12	82.73	0.00007
-102.53	81.32	0.00007	-103.94	79.90	0.00007
-106.07	77.78	0.00007	-109.60	74.25	0.00007
-113.14	70.71	0.00007	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00007
-14.14	155.56	0.00013	-21.21	148.49	0.00012
-28.28	141.42	0.00012	-35.36	134.35	0.00011

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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

18:47:39

\*\*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	0.00009	-74.25	95.46	0.00009
-75.66	94.05	0.00009	-77.07	92.63	0.00009
-78.49	91.22	0.00009	-91.22	78.49	0.00008
-92.63	77.07	0.00008	-94.05	75.66	0.00008
-95.46	74.25	0.00008	-96.87	72.83	0.00008
-98.99	70.71	0.00008	-102.53	67.18	0.00008
-106.07	63.64	0.00007	-113.14	56.57	0.00007
-120.21	49.50	0.00007	-127.28	42.43	0.00007
-134.35	35.36	0.00007	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00014	-14.14	141.42	0.00013
-21.21	134.35	0.00013	-28.28	127.28	0.00012
-35.36	120.21	0.00012	-42.43	113.14	0.00011
-49.50	106.07	0.00011	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00009
-68.59	86.97	0.00009	-70.00	85.56	0.00009
-71.42	84.15	0.00009	-84.15	71.42	0.00009
-85.56	70.00	0.00008	-86.97	68.59	0.00008
-88.39	67.18	0.00008	-89.80	65.76	0.00008
-91.92	63.64	0.00008	-95.46	60.10	0.00008
-98.99	56.57	0.00008	-106.07	49.50	0.00008
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00007	-134.35	21.21	0.00007
-141.42	14.14	0.00007	-148.49	7.07	0.00008
0.00	141.42	0.00015	-7.07	134.35	0.00015
-14.14	127.28	0.00014	-21.21	120.21	0.00013
-28.28	113.14	0.00013	-35.36	106.07	0.00012
-42.43	98.99	0.00011	-49.50	91.92	0.00011
-53.03	88.39	0.00011	-56.57	84.85	0.00010
-58.69	82.73	0.00010	-60.10	81.32	0.00010

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00010	-74.25	38.89	0.00010
-77.78	35.36	0.00010	-84.85	28.28	0.00009
-91.92	21.21	0.00009	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00010
21.21	120.21	0.00021	14.14	113.14	0.00019
7.07	106.07	0.00018	0.00	98.99	0.00017
-7.07	91.92	0.00016	-14.14	84.85	0.00015
-21.21	77.78	0.00014	-28.28	70.71	0.00014
-31.82	67.18	0.00013	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00012	-41.72	57.28	0.00012
-43.13	55.86	0.00012	-55.86	43.13	0.00011
-57.28	41.72	0.00011	-58.69	40.31	0.00011
-60.10	38.89	0.00011	-61.52	37.48	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\_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	0.00011	-67.18	31.82	0.00011
-70.71	28.28	0.00010	-77.78	21.21	0.00010
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00010
-113.14	-14.14	0.00010	-120.21	-21.21	0.00011
28.28	113.14	0.00023	21.21	106.07	0.00022
14.14	98.99	0.00020	7.07	91.92	0.00019
0.00	84.85	0.00018	-7.07	77.78	0.00017
-14.14	70.71	0.00016	-21.21	63.64	0.00015
-24.75	60.10	0.00014	-28.28	56.57	0.00014
-30.41	54.45	0.00014	-31.82	53.03	0.00014
-33.23	51.62	0.00013	-34.65	50.20	0.00013
-36.06	48.79	0.00013	-48.79	36.06	0.00012
-50.20	34.65	0.00012	-51.62	33.23	0.00012
-53.03	31.82	0.00012	-54.45	30.41	0.00012
-56.57	28.28	0.00011	-60.10	24.75	0.00011
-63.64	21.21	0.00011	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00011	-98.99	-14.14	0.00011

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00011	-113.14	-28.28	0.00012
35.36	106.07	0.00026	28.28	98.99	0.00024
21.21	91.92	0.00022	14.14	84.85	0.00021
7.07	77.78	0.00020	0.00	70.71	0.00018
-7.07	63.64	0.00017	-14.14	56.57	0.00016
-17.68	53.03	0.00016	-21.21	49.50	0.00015
-23.33	47.38	0.00015	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00014
-28.99	41.72	0.00014	-41.72	28.99	0.00013
-43.13	27.58	0.00013	-44.55	26.16	0.00013
-45.96	24.75	0.00013	-47.38	23.33	0.00013
-49.50	21.21	0.00012	-53.03	17.68	0.00012
-56.57	14.14	0.00012	-63.64	7.07	0.00012
-70.71	0.00	0.00011	-77.78	-7.07	0.00011
-84.85	-14.14	0.00012	-91.92	-21.21	0.00012
-98.99	-28.28	0.00012	-106.07	-35.36	0.00013
42.43	98.99	0.00029	35.36	91.92	0.00027
28.28	84.85	0.00025	21.21	77.78	0.00023
14.14	70.71	0.00022	7.07	63.64	0.00020
0.00	56.57	0.00019	-7.07	49.50	0.00018
-10.61	45.96	0.00017	-14.14	42.43	0.00017

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00016	-17.68	38.89	0.00016
-19.09	37.48	0.00016	-20.51	36.06	0.00016
-21.92	34.65	0.00016	-34.65	21.92	0.00014
-36.06	20.51	0.00014	-37.48	19.09	0.00014
-38.89	17.68	0.00014	-40.31	16.26	0.00014
-42.43	14.14	0.00013	-45.96	10.61	0.00013
-49.50	7.07	0.00013	-56.57	0.00	0.00013
-63.64	-7.07	0.00012	-70.71	-14.14	0.00012
-77.78	-21.21	0.00013	-84.85	-28.28	0.00013
-91.92	-35.36	0.00013	-98.99	-42.43	0.00014
49.50	91.92	0.00033	42.43	84.85	0.00031
35.36	77.78	0.00028	28.28	70.71	0.00026
21.21	63.64	0.00024	14.14	56.57	0.00023

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00021	0.00	42.43	0.00020
-3.54	38.89	0.00019	-7.07	35.36	0.00018
-9.19	33.23	0.00018	-10.61	31.82	0.00018
-12.02	30.41	0.00017	-13.44	28.99	0.00017
-14.85	27.58	0.00017	-27.58	14.85	0.00015
-28.99	13.44	0.00015	-30.41	12.02	0.00015
-31.82	10.61	0.00015	-33.23	9.19	0.00015
-35.36	7.07	0.00015	-38.89	3.54	0.00014
-42.43	0.00	0.00014	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00014
-70.71	-28.28	0.00014	-77.78	-35.36	0.00014
-84.85	-42.43	0.00015	-91.92	-49.50	0.00015
56.57	84.85	0.00038	49.50	77.78	0.00035
42.43	70.71	0.00032	35.36	63.64	0.00030
28.28	56.57	0.00027	21.21	49.50	0.00025
14.14	42.43	0.00024	7.07	35.36	0.00022
3.54	31.82	0.00021	0.00	28.28	0.00020
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00019	-6.36	21.92	0.00019
-7.78	20.51	0.00019	-20.51	7.78	0.00017
-21.92	6.36	0.00017	-23.33	4.95	0.00016
-24.75	3.54	0.00016	-26.16	2.12	0.00016
-28.28	0.00	0.00016	-31.82	-3.54	0.00016
-35.36	-7.07	0.00015	-42.43	-14.14	0.00015
-49.50	-21.21	0.00015	-56.57	-28.28	0.00015
-63.64	-35.36	0.00015	-70.71	-42.43	0.00016
-77.78	-49.50	0.00017	-84.85	-56.57	0.00017

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00043	56.57	70.71	0.00040
49.50	63.64	0.00037	42.43	56.57	0.00034
35.36	49.50	0.00031	28.28	42.43	0.00029
21.21	35.36	0.00026	14.14	28.28	0.00024
10.61	24.75	0.00023	7.07	21.21	0.00023
4.95	19.09	0.00022	3.54	17.68	0.00022
2.12	16.26	0.00021	0.71	14.85	0.00021

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00021	-13.44	0.71	0.00018
-14.85	-0.71	0.00018	-16.26	-2.12	0.00018
-17.68	-3.54	0.00018	-19.09	-4.95	0.00018
-21.21	-7.07	0.00017	-24.75	-10.61	0.00017
-28.28	-14.14	0.00017	-35.36	-21.21	0.00016
-42.43	-28.28	0.00016	-49.50	-35.36	0.00017
-56.57	-42.43	0.00017	-63.64	-49.50	0.00018
-70.71	-56.57	0.00019	-77.78	-63.64	0.00019
70.71	70.71	0.00049	63.64	63.64	0.00047
56.57	56.57	0.00043	49.50	49.50	0.00039
42.43	42.43	0.00036	35.36	35.36	0.00033
28.28	28.28	0.00030	21.21	21.21	0.00027
17.68	17.68	0.00026	14.14	14.14	0.00025
12.02	12.02	0.00025	10.61	10.61	0.00024
9.19	9.19	0.00024	7.78	7.78	0.00023
6.36	6.36	0.00023	-6.36	-6.36	0.00020
-7.78	-7.78	0.00020	-9.19	-9.19	0.00020
-10.61	-10.61	0.00020	-12.02	-12.02	0.00019
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00018	-28.28	-28.28	0.00018
-35.36	-35.36	0.00018	-42.43	-42.43	0.00019
-49.50	-49.50	0.00019	-56.57	-56.57	0.00020
-63.64	-63.64	0.00021	-70.71	-70.71	0.00021
77.78	63.64	0.00057	70.71	56.57	0.00054
63.64	49.50	0.00050	56.57	42.43	0.00046
49.50	35.36	0.00042	42.43	28.28	0.00038
35.36	21.21	0.00034	28.28	14.14	0.00031
24.75	10.61	0.00030	21.21	7.07	0.00028
19.09	4.95	0.00028	17.68	3.54	0.00027
16.26	2.12	0.00027	14.85	0.71	0.00026
13.44	-0.71	0.00026	0.71	-13.44	0.00022
-0.71	-14.85	0.00022	-2.12	-16.26	0.00022
-3.54	-17.68	0.00022	-4.95	-19.09	0.00021

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00021	-10.61	-24.75	0.00021

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00020	-21.21	-35.36	0.00020
-28.28	-42.43	0.00020	-35.36	-49.50	0.00021
-42.43	-56.57	0.00022	-49.50	-63.64	0.00023
-56.57	-70.71	0.00024	-63.64	-77.78	0.00024
84.85	56.57	0.00065	77.78	49.50	0.00063
70.71	42.43	0.00059	63.64	35.36	0.00054
56.57	28.28	0.00049	49.50	21.21	0.00044
42.43	14.14	0.00039	35.36	7.07	0.00036
31.82	3.54	0.00034	28.28	0.00	0.00032
26.16	-2.12	0.00031	24.75	-3.54	0.00031
23.33	-4.95	0.00030	21.92	-6.36	0.00030
20.51	-7.78	0.00029	7.78	-20.51	0.00025
6.36	-21.92	0.00025	4.95	-23.33	0.00024
3.54	-24.75	0.00024	2.12	-26.16	0.00024
0.00	-28.28	0.00024	-3.54	-31.82	0.00023
-7.07	-35.36	0.00023	-14.14	-42.43	0.00023
-21.21	-49.50	0.00023	-28.28	-56.57	0.00024
-35.36	-63.64	0.00025	-42.43	-70.71	0.00026
-49.50	-77.78	0.00027	-56.57	-84.85	0.00027
91.92	49.50	0.00074	84.85	42.43	0.00073
77.78	35.36	0.00070	70.71	28.28	0.00065
63.64	21.21	0.00058	56.57	14.14	0.00052
49.50	7.07	0.00046	42.43	0.00	0.00041
38.89	-3.54	0.00039	35.36	-7.07	0.00037
33.23	-9.19	0.00036	31.82	-10.61	0.00035
30.41	-12.02	0.00034	28.99	-13.44	0.00034
27.58	-14.85	0.00033	14.85	-27.58	0.00028
13.44	-28.99	0.00028	12.02	-30.41	0.00027
10.61	-31.82	0.00027	9.19	-33.23	0.00027
7.07	-35.36	0.00026	3.54	-38.89	0.00026
0.00	-42.43	0.00026	-7.07	-49.50	0.00026
-14.14	-56.57	0.00026	-21.21	-63.64	0.00028
-28.28	-70.71	0.00029	-35.36	-77.78	0.00030
-42.43	-84.85	0.00031	-49.50	-91.92	0.00031
98.99	42.43	0.00083	91.92	35.36	0.00084
84.85	28.28	0.00082	77.78	21.21	0.00078
70.71	14.14	0.00071	63.64	7.07	0.00063
56.57	0.00	0.00055	49.50	-7.07	0.00048
45.96	-10.61	0.00046	42.43	-14.14	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



\*\*\*

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	0.00041	38.89	-17.68	0.00040
37.48	-19.09	0.00039	36.06	-20.51	0.00039
34.65	-21.92	0.00038	21.92	-34.65	0.00032
20.51	-36.06	0.00031	19.09	-37.48	0.00031
17.68	-38.89	0.00030	16.26	-40.31	0.00030
14.14	-42.43	0.00030	10.61	-45.96	0.00029
7.07	-49.50	0.00029	0.00	-56.57	0.00029
-7.07	-63.64	0.00031	-14.14	-70.71	0.00032
-21.21	-77.78	0.00034	-28.28	-84.85	0.00035
-35.36	-91.92	0.00035	-42.43	-98.99	0.00035
106.07	35.36	0.00093	98.99	28.28	0.00096
91.92	21.21	0.00096	84.85	14.14	0.00093
77.78	7.07	0.00086	70.71	0.00	0.00077
63.64	-7.07	0.00067	56.57	-14.14	0.00058
53.03	-17.68	0.00054	49.50	-21.21	0.00051
47.38	-23.33	0.00049	45.96	-24.75	0.00047
44.55	-26.16	0.00046	43.13	-27.58	0.00045
41.72	-28.99	0.00044	28.99	-41.72	0.00036
27.58	-43.13	0.00036	26.16	-44.55	0.00035
24.75	-45.96	0.00035	23.33	-47.38	0.00034
21.21	-49.50	0.00034	17.68	-53.03	0.00033
14.14	-56.57	0.00033	7.07	-63.64	0.00034
0.00	-70.71	0.00036	-7.07	-77.78	0.00038
-14.14	-84.85	0.00039	-21.21	-91.92	0.00040
-28.28	-98.99	0.00040	-35.36	-106.07	0.00040
113.14	28.28	0.00102	106.07	21.21	0.00108
98.99	14.14	0.00112	91.92	7.07	0.00112
84.85	0.00	0.00106	77.78	-7.07	0.00096
70.71	-14.14	0.00083	63.64	-21.21	0.00071
60.10	-24.75	0.00065	56.57	-28.28	0.00060
54.45	-30.41	0.00058	53.03	-31.82	0.00056
51.62	-33.23	0.00054	50.20	-34.65	0.00053
48.79	-36.06	0.00051	36.06	-48.79	0.00041
34.65	-50.20	0.00041	33.23	-51.62	0.00040
31.82	-53.03	0.00040	30.41	-54.45	0.00039
28.28	-56.57	0.00039	24.75	-60.10	0.00038
21.21	-63.64	0.00039	14.14	-70.71	0.00041
7.07	-77.78	0.00043	0.00	-84.85	0.00045
-7.07	-91.92	0.00046	-14.14	-98.99	0.00047

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00046 -28.28 -113.14 0.00046

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	0.00111	113.14	14.14	0.00120
106.07	7.07	0.00128	98.99	0.00	0.00132
91.92	-7.07	0.00130	84.85	-14.14	0.00122
77.78	-21.21	0.00106	70.71	-28.28	0.00089
67.18	-31.82	0.00081	63.64	-35.36	0.00074
61.52	-37.48	0.00070	60.10	-38.89	0.00068
58.69	-40.31	0.00065	57.28	-41.72	0.00063
55.86	-43.13	0.00061	43.13	-55.86	0.00048
41.72	-57.28	0.00047	40.31	-58.69	0.00046
38.89	-60.10	0.00046	37.48	-61.52	0.00046
35.36	-63.64	0.00045	31.82	-67.18	0.00045
28.28	-70.71	0.00046	21.21	-77.78	0.00049
14.14	-84.85	0.00052	7.07	-91.92	0.00054
0.00	-98.99	0.00055	-7.07	-106.07	0.00055
-14.14	-113.14	0.00054	-21.21	-120.21	0.00054
127.28	14.14	0.00117	120.21	7.07	0.00130
113.14	0.00	0.00143	106.07	-7.07	0.00153
98.99	-14.14	0.00157	91.92	-21.21	0.00154
84.85	-28.28	0.00139	77.78	-35.36	0.00116
74.25	-38.89	0.00104	70.71	-42.43	0.00093
68.59	-44.55	0.00088	67.18	-45.96	0.00084
65.76	-47.38	0.00080	64.35	-48.79	0.00077
62.93	-50.20	0.00074	50.20	-62.93	0.00056
48.79	-64.35	0.00055	47.38	-65.76	0.00054
45.96	-67.18	0.00054	44.55	-68.59	0.00053
42.43	-70.71	0.00053	38.89	-74.25	0.00054
35.36	-77.78	0.00056	28.28	-84.85	0.00060
21.21	-91.92	0.00063	14.14	-98.99	0.00065
7.07	-106.07	0.00066	0.00	-113.14	0.00065
-7.07	-120.21	0.00064	-14.14	-127.28	0.00063
134.35	7.07	0.00122	127.28	0.00	0.00139
120.21	-7.07	0.00156	113.14	-14.14	0.00172
106.07	-21.21	0.00185	98.99	-28.28	0.00191

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00183	84.85	-42.43	0.00158
81.32	-45.96	0.00141	77.78	-49.50	0.00123
75.66	-51.62	0.00114	74.25	-53.03	0.00108
72.83	-54.45	0.00102	71.42	-55.86	0.00097
70.00	-57.28	0.00092	57.28	-70.00	0.00066
55.86	-71.42	0.00065	54.45	-72.83	0.00064
53.03	-74.25	0.00064	51.62	-75.66	0.00064

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
49.50	-77.78	0.00065	45.96	-81.32	0.00067
42.43	-84.85	0.00070	35.36	-91.92	0.00075
28.28	-98.99	0.00079	21.21	-106.07	0.00080
14.14	-113.14	0.00080	7.07	-120.21	0.00079
0.00	-127.28	0.00077	-7.07	-134.35	0.00073
141.42	0.00	0.00126	134.35	-7.07	0.00145
127.28	-14.14	0.00167	120.21	-21.21	0.00189
113.14	-28.28	0.00211	106.07	-35.36	0.00229
98.99	-42.43	0.00235	91.92	-49.50	0.00218
88.39	-53.03	0.00198	84.85	-56.57	0.00173
82.73	-58.69	0.00157	81.32	-60.10	0.00146
79.90	-61.52	0.00136	78.49	-62.93	0.00127
77.07	-64.35	0.00119	64.35	-77.07	0.00079
62.93	-78.49	0.00078	61.52	-79.90	0.00078
60.10	-81.32	0.00078	58.69	-82.73	0.00079
56.57	-84.85	0.00081	53.03	-88.39	0.00085
49.50	-91.92	0.00089	42.43	-98.99	0.00096
35.36	-106.07	0.00099	28.28	-113.14	0.00100
21.21	-120.21	0.00098	14.14	-127.28	0.00095
7.07	-134.35	0.00090	0.00	-141.42	0.00085
148.49	-7.07	0.00127	141.42	-14.14	0.00149
134.35	-21.21	0.00174	127.28	-28.28	0.00203
120.21	-35.36	0.00233	113.14	-42.43	0.00263
106.07	-49.50	0.00287	98.99	-56.57	0.00294
95.46	-60.10	0.00283	91.92	-63.64	0.00257
89.80	-65.76	0.00234	88.39	-67.18	0.00216
86.97	-68.59	0.00199	85.56	-70.00	0.00181

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00164	71.42	-84.15	0.00096
70.00	-85.56	0.00097	68.59	-86.97	0.00098
67.18	-88.39	0.00100	65.76	-89.80	0.00102
63.64	-91.92	0.00106	60.10	-95.46	0.00112
56.57	-98.99	0.00118	49.50	-106.07	0.00126
42.43	-113.14	0.00128	35.36	-120.21	0.00126
28.28	-127.28	0.00120	21.21	-134.35	0.00113
14.14	-141.42	0.00106	7.07	-148.49	0.00098
155.56	-14.14	0.00128	148.49	-21.21	0.00151
141.42	-28.28	0.00180	134.35	-35.36	0.00213
127.28	-42.43	0.00251	120.21	-49.50	0.00292
113.14	-56.57	0.00333	106.07	-63.64	0.00368
102.53	-67.18	0.00378	98.99	-70.71	0.00374

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
96.87	-72.83	0.00360	95.46	-74.25	0.00343
94.05	-75.66	0.00320	92.63	-77.07	0.00292
91.22	-78.49	0.00260	78.49	-91.22	0.00124
77.07	-92.63	0.00127	75.66	-94.05	0.00131
74.25	-95.46	0.00136	72.83	-96.87	0.00140
70.71	-98.99	0.00146	67.18	-102.53	0.00156
63.64	-106.07	0.00163	56.57	-113.14	0.00168
49.50	-120.21	0.00164	42.43	-127.28	0.00155
35.36	-134.35	0.00145	28.28	-141.42	0.00133
21.21	-148.49	0.00122	14.14	-155.56	0.00112
162.63	-21.21	0.00126	155.56	-28.28	0.00150
148.49	-35.36	0.00181	141.42	-42.43	0.00219
134.35	-49.50	0.00263	127.28	-56.57	0.00315
120.21	-63.64	0.00371	113.14	-70.71	0.00430
109.60	-74.25	0.00458	106.07	-77.78	0.00481
103.94	-79.90	0.00490	102.53	-81.32	0.00491
101.12	-82.73	0.00490	99.70	-84.15	0.00480
98.29	-85.56	0.00456	85.56	-98.29	0.00190
84.15	-99.70	0.00197	82.73	-101.12	0.00203
81.32	-102.53	0.00208	79.90	-103.94	0.00212
77.78	-106.07	0.00217	74.25	-109.60	0.00222

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00223	63.64	-120.21	0.00217
56.57	-127.28	0.00204	49.50	-134.35	0.00188
42.43	-141.42	0.00171	35.36	-148.49	0.00154
28.28	-155.56	0.00139	21.21	-162.63	0.00126
169.71	-28.28	0.00122	162.63	-35.36	0.00146
155.56	-42.43	0.00178	148.49	-49.50	0.00218
141.42	-56.57	0.00268	134.35	-63.64	0.00328
127.28	-70.71	0.00398	120.21	-77.78	0.00475
116.67	-81.32	0.00516	113.14	-84.85	0.00556
111.02	-86.97	0.00576	109.60	-88.39	0.00587
108.19	-89.80	0.00595	106.77	-91.22	0.00606
105.36	-92.63	0.00610	92.63	-105.36	0.00341
91.22	-106.77	0.00327	89.80	-108.19	0.00318
88.39	-109.60	0.00312	86.97	-111.02	0.00308
84.85	-113.14	0.00304	81.32	-116.67	0.00298
77.78	-120.21	0.00290	70.71	-127.28	0.00271
63.64	-134.35	0.00247	56.57	-141.42	0.00221
49.50	-148.49	0.00197	42.43	-155.56	0.00175
35.36	-162.63	0.00156	28.28	-169.71	0.00139

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
176.78	-35.36	0.00116	169.71	-42.43	0.00140
162.63	-49.50	0.00171	155.56	-56.57	0.00211
148.49	-63.64	0.00263	141.42	-70.71	0.00329
134.35	-77.78	0.00408	127.28	-84.85	0.00496
123.74	-88.39	0.00543	120.21	-91.92	0.00588
118.09	-94.05	0.00611	116.67	-95.46	0.00623
115.26	-96.87	0.00630	113.84	-98.29	0.00636
112.43	-99.70	0.00640	99.70	-112.43	0.00426
98.29	-113.84	0.00414	96.87	-115.26	0.00405
95.46	-116.67	0.00397	94.05	-118.09	0.00390
91.92	-120.21	0.00380	88.39	-123.74	0.00364
84.85	-127.28	0.00349	77.78	-134.35	0.00317
70.71	-141.42	0.00283	63.64	-148.49	0.00250
56.57	-155.56	0.00220	49.50	-162.63	0.00193
42.43	-169.71	0.00170	35.36	-176.78	0.00150

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00109	176.78	-49.50	0.00131
169.71	-56.57	0.00160	162.63	-63.64	0.00198
155.56	-70.71	0.00249	148.49	-77.78	0.00317
141.42	-84.85	0.00401	134.35	-91.92	0.00498
130.81	-95.46	0.00548	127.28	-98.99	0.00594
125.16	-101.12	0.00618	123.74	-102.53	0.00630
122.33	-103.94	0.00638	120.92	-105.36	0.00641
119.50	-106.77	0.00645	106.77	-119.50	0.00459
105.36	-120.92	0.00452	103.94	-122.33	0.00446
102.53	-123.74	0.00442	101.12	-125.16	0.00437
98.99	-127.28	0.00430	95.46	-130.81	0.00415
91.92	-134.35	0.00397	84.85	-141.42	0.00356
77.78	-148.49	0.00313	70.71	-155.56	0.00273
63.64	-162.63	0.00237	56.57	-169.71	0.00207
49.50	-176.78	0.00181	42.43	-183.85	0.00158
190.92	-49.50	0.00101	183.85	-56.57	0.00121
176.78	-63.64	0.00146	169.71	-70.71	0.00181
162.63	-77.78	0.00228	155.56	-84.85	0.00293
148.49	-91.92	0.00379	141.42	-98.99	0.00482
137.89	-102.53	0.00535	134.35	-106.07	0.00584
132.23	-108.19	0.00609	130.81	-109.60	0.00623
129.40	-111.02	0.00633	127.99	-112.43	0.00637
126.57	-113.84	0.00641	113.84	-126.57	0.00474
112.43	-127.99	0.00469	111.02	-129.40	0.00466
109.60	-130.81	0.00463	108.19	-132.23	0.00460

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\_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	0.00455	102.53	-137.89	0.00443
98.99	-141.42	0.00426	91.92	-148.49	0.00383
84.85	-155.56	0.00336	77.78	-162.63	0.00291
70.71	-169.71	0.00251	63.64	-176.78	0.00216
56.57	-183.85	0.00187	49.50	-190.92	0.00163
197.99	-56.57	0.00093	190.92	-63.64	0.00110
183.85	-70.71	0.00132	176.78	-77.78	0.00162
169.71	-84.85	0.00203	162.63	-91.92	0.00260
155.56	-98.99	0.00340	148.49	-106.07	0.00446

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00504	141.42	-113.14	0.00560
139.30	-115.26	0.00588	137.89	-116.67	0.00604
136.47	-118.09	0.00616	135.06	-119.50	0.00623
133.64	-120.92	0.00627	120.92	-133.64	0.00480
119.50	-135.06	0.00476	118.09	-136.47	0.00473
116.67	-137.89	0.00471	115.26	-139.30	0.00469
113.14	-141.42	0.00465	109.60	-144.96	0.00454
106.07	-148.49	0.00438	98.99	-155.56	0.00396
91.92	-162.63	0.00348	84.85	-169.71	0.00300
77.78	-176.78	0.00257	70.71	-183.85	0.00221
63.64	-190.92	0.00190	56.57	-197.99	0.00165
205.06	-63.64	0.00084	197.99	-70.71	0.00099
190.92	-77.78	0.00118	183.85	-84.85	0.00143
176.78	-91.92	0.00176	169.71	-98.99	0.00222
162.63	-106.07	0.00289	155.56	-113.14	0.00387
152.03	-116.67	0.00449	148.49	-120.21	0.00513
146.37	-122.33	0.00548	144.96	-123.74	0.00568
143.54	-125.16	0.00585	142.13	-126.57	0.00596
140.71	-127.99	0.00603	127.99	-140.71	0.00477
126.57	-142.13	0.00473	125.16	-143.54	0.00472
123.74	-144.96	0.00470	122.33	-146.37	0.00467
120.21	-148.49	0.00463	116.67	-152.03	0.00451
113.14	-155.56	0.00435	106.07	-162.63	0.00394
98.99	-169.71	0.00346	91.92	-176.78	0.00299
84.85	-183.85	0.00256	77.78	-190.92	0.00220
70.71	-197.99	0.00189	63.64	-205.06	0.00164
212.13	-70.71	0.00075	205.06	-77.78	0.00087
197.99	-84.85	0.00103	190.92	-91.92	0.00123
183.85	-98.99	0.00149	176.78	-106.07	0.00185
169.71	-113.14	0.00234	162.63	-120.21	0.00310
159.10	-123.74	0.00363	155.56	-127.28	0.00429

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	0.00472	152.03	-130.81	0.00499
150.61	-132.23	0.00524	149.20	-133.64	0.00543
147.79	-135.06	0.00559	135.06	-147.79	0.00466

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00461	132.23	-150.61	0.00459
130.81	-152.03	0.00456	129.40	-153.44	0.00453
127.28	-155.56	0.00447	123.74	-159.10	0.00434
120.21	-162.63	0.00417	113.14	-169.71	0.00376
106.07	-176.78	0.00331	98.99	-183.85	0.00287
91.92	-190.92	0.00247	84.85	-197.99	0.00213
77.78	-205.06	0.00184	70.71	-212.13	0.00160
219.20	-77.78	0.00066	212.13	-84.85	0.00076
205.06	-91.92	0.00088	197.99	-98.99	0.00104
190.92	-106.07	0.00124	183.85	-113.14	0.00149
176.78	-120.21	0.00183	169.71	-127.28	0.00232
166.17	-130.81	0.00266	162.63	-134.35	0.00311
160.51	-136.47	0.00345	159.10	-137.89	0.00372
157.68	-139.30	0.00402	156.27	-140.71	0.00433
154.86	-142.13	0.00463	142.13	-154.86	0.00442
140.71	-156.27	0.00435	139.30	-157.68	0.00430
137.89	-159.10	0.00425	136.47	-160.51	0.00420
134.35	-162.63	0.00412	130.81	-166.17	0.00397
127.28	-169.71	0.00380	120.21	-176.78	0.00342
113.14	-183.85	0.00303	106.07	-190.92	0.00266
98.99	-197.99	0.00232	91.92	-205.06	0.00201
84.85	-212.13	0.00175	77.78	-219.20	0.00153
226.27	-84.85	0.00057	219.20	-91.92	0.00064
212.13	-98.99	0.00074	205.06	-106.07	0.00085
197.99	-113.14	0.00099	190.92	-120.21	0.00116
183.85	-127.28	0.00137	176.78	-134.35	0.00164
173.24	-137.89	0.00181	169.71	-141.42	0.00200
167.58	-143.54	0.00212	166.17	-144.96	0.00221
164.76	-146.37	0.00232	163.34	-147.79	0.00246
161.93	-149.20	0.00266	149.20	-161.93	0.00378
147.79	-163.34	0.00368	146.37	-164.76	0.00360
144.96	-166.17	0.00355	143.54	-167.58	0.00351
141.42	-169.71	0.00345	137.89	-173.24	0.00334
134.35	-176.78	0.00323	127.28	-183.85	0.00297
120.21	-190.92	0.00267	113.14	-197.99	0.00238
106.07	-205.06	0.00210	98.99	-212.13	0.00185
91.92	-219.20	0.00163	84.85	-226.27	0.00144

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 ,



18NCRA\_NAPA97-300\_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	0.00048	226.27	-98.99	0.00054		
219.20	-106.07	0.00061	212.13	-113.14	0.00069		
205.06	-120.21	0.00078	197.99	-127.28	0.00088		
190.92	-134.35	0.00099	183.85	-141.42	0.00110		
180.31	-144.96	0.00115	176.78	-148.49	0.00118		
174.66	-150.61	0.00119	173.24	-152.03	0.00119		
171.83	-153.44	0.00118	170.41	-154.86	0.00117		
169.00	-156.27	0.00116	156.27	-169.00	0.00224		
154.86	-170.41	0.00236	153.44	-171.83	0.00244		
152.03	-173.24	0.00250	150.61	-174.66	0.00254		
148.49	-176.78	0.00258	144.96	-180.31	0.00260		
141.42	-183.85	0.00257	134.35	-190.92	0.00244		
127.28	-197.99	0.00226	120.21	-205.06	0.00205		
113.14	-212.13	0.00185	106.07	-219.20	0.00166		
98.99	-226.27	0.00148	91.92	-233.35	0.00132		
240.42	-98.99	0.00041	233.35	-106.07	0.00046		
226.27	-113.14	0.00050	219.20	-120.21	0.00055		
212.13	-127.28	0.00061	205.06	-134.35	0.00066		
197.99	-141.42	0.00071	190.92	-148.49	0.00075		
187.38	-152.03	0.00076	183.85	-155.56	0.00075		
181.73	-157.68	0.00075	180.31	-159.10	0.00075		
178.90	-160.51	0.00076	177.48	-161.93	0.00076		
176.07	-163.34	0.00078	163.34	-176.07	0.00136		
161.93	-177.48	0.00146	160.51	-178.90	0.00155		
159.10	-180.31	0.00163	157.68	-181.73	0.00171		
155.56	-183.85	0.00181	152.03	-187.38	0.00192		
148.49	-190.92	0.00197	141.42	-197.99	0.00197		
134.35	-205.06	0.00188	127.28	-212.13	0.00175		
120.21	-219.20	0.00161	113.14	-226.27	0.00146		
106.07	-233.35	0.00133	98.99	-240.42	0.00120		
247.49	-106.07	0.00035	240.42	-113.14	0.00038		
233.35	-120.21	0.00041	226.27	-127.28	0.00045		
219.20	-134.35	0.00048	212.13	-141.42	0.00051		
205.06	-148.49	0.00053	197.99	-155.56	0.00054		
194.45	-159.10	0.00054	190.92	-162.63	0.00054		
188.80	-164.76	0.00055	187.38	-166.17	0.00056		
185.97	-167.58	0.00057	184.55	-169.00	0.00059		
183.14	-170.41	0.00061	170.41	-183.14	0.00097		
169.00	-184.55	0.00103	167.58	-185.97	0.00108		
166.17	-187.38	0.00113	164.76	-188.80	0.00119		

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	0.00126	159.10	-194.45	0.00136
155.56	-197.99	0.00144	148.49	-205.06	0.00153
141.42	-212.13	0.00152	134.35	-219.20	0.00146
127.28	-226.27	0.00138	120.21	-233.35	0.00128
113.14	-240.42	0.00118	106.07	-247.49	0.00109

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:47:39

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00007	-159.10	180.31	0.00007
-160.51	178.90	0.00007	-161.93	177.48	0.00007
-163.34	176.07	0.00007	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00006
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00006	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00011	-99.00	226.27	0.00011
-106.07	219.20	0.00010	-113.14	212.13	0.00010
-120.21	205.06	0.00009	-127.28	197.99	0.00009
-134.35	190.92	0.00009	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00008	-152.03	173.24	0.00008
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00007
-170.41	154.86	0.00007	-171.83	153.44	0.00007
-173.24	152.03	0.00007	-174.66	150.61	0.00007

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00007	-167.58	143.54	0.00007
-169.71	141.42	0.00007	-173.24	137.89	0.00007
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00007
-77.78	219.20	0.00013	-84.85	212.13	0.00012
-91.92	205.06	0.00012	-99.00	197.99	0.00011
-106.07	190.92	0.00011	-113.14	183.85	0.00010
-120.21	176.78	0.00010	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00008
-156.27	140.71	0.00008	-157.68	139.30	0.00008
-159.10	137.89	0.00008	-160.51	136.47	0.00008
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00014	-77.78	205.06	0.00013
-84.85	197.99	0.00013	-91.92	190.92	0.00012
-98.99	183.85	0.00012	-106.07	176.78	0.00011
-113.14	169.71	0.00011	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

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

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_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	0.00008
-63.64	205.06	0.00015	-70.71	197.99	0.00015
-77.78	190.92	0.00014	-84.85	183.85	0.00013
-91.92	176.78	0.00013	-98.99	169.71	0.00012
-106.07	162.63	0.00011	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00010
-122.33	146.37	0.00010	-123.74	144.96	0.00010
-125.16	143.54	0.00010	-126.57	142.13	0.00010
-127.99	140.71	0.00010	-140.71	127.99	0.00009
-142.13	126.57	0.00009	-143.54	125.16	0.00009
-144.96	123.74	0.00009	-146.37	122.33	0.00009
-148.49	120.21	0.00009	-152.03	116.67	0.00009
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00008	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00017	-63.64	190.92	0.00016
-70.71	183.85	0.00015	-77.78	176.78	0.00014
-84.85	169.71	0.00014	-91.92	162.63	0.00013
-98.99	155.56	0.00012	-106.07	148.49	0.00012
-109.60	144.96	0.00011	-113.14	141.42	0.00011
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00011	-119.50	135.06	0.00011
-120.92	133.64	0.00011	-133.64	120.92	0.00010
-135.06	119.50	0.00010	-136.47	118.09	0.00010
-137.89	116.67	0.00009	-139.30	115.26	0.00009
-141.42	113.14	0.00009	-144.96	109.60	0.00009
-148.49	106.07	0.00009	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00008	-183.85	70.71	0.00009
-190.92	63.64	0.00009	-197.99	56.57	0.00009

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

18:47:39  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00019	-56.57	183.85	0.00018
-63.64	176.78	0.00017	-70.71	169.71	0.00016

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00015	-84.85	155.56	0.00014
-91.92	148.49	0.00013	-98.99	141.42	0.00013
-102.53	137.89	0.00012	-106.07	134.35	0.00012
-108.19	132.23	0.00012	-109.60	130.81	0.00012
-111.02	129.40	0.00012	-112.43	127.99	0.00011
-113.84	126.57	0.00011	-126.57	113.84	0.00010
-127.99	112.43	0.00010	-129.40	111.02	0.00010
-130.81	109.60	0.00010	-132.23	108.19	0.00010
-134.35	106.07	0.00010	-137.89	102.53	0.00010
-141.42	98.99	0.00010	-148.49	91.92	0.00009
-155.56	84.85	0.00009	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00010
-42.43	183.85	0.00021	-49.50	176.78	0.00019
-56.57	169.71	0.00018	-63.64	162.63	0.00017
-70.71	155.56	0.00016	-77.78	148.49	0.00015
-84.85	141.42	0.00014	-91.92	134.35	0.00014
-95.46	130.81	0.00013	-98.99	127.28	0.00013
-101.12	125.16	0.00013	-102.53	123.74	0.00013
-103.94	122.33	0.00012	-105.36	120.92	0.00012
-106.77	119.50	0.00012	-119.50	106.77	0.00011
-120.92	105.36	0.00011	-122.33	103.94	0.00011
-123.74	102.53	0.00011	-125.16	101.12	0.00011
-127.28	98.99	0.00011	-130.81	95.46	0.00011
-134.35	91.92	0.00010	-141.42	84.85	0.00010
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00010
-176.78	49.50	0.00010	-183.85	42.43	0.00011
-35.36	176.78	0.00023	-42.43	169.71	0.00022
-49.50	162.63	0.00020	-56.57	155.56	0.00019
-63.64	148.49	0.00018	-70.71	141.42	0.00017
-77.78	134.35	0.00016	-84.85	127.28	0.00015
-88.39	123.74	0.00014	-91.92	120.21	0.00014
-94.05	118.09	0.00014	-95.46	116.67	0.00014
-96.87	115.26	0.00013	-98.29	113.84	0.00013
-99.70	112.43	0.00013	-112.43	99.70	0.00012
-113.84	98.29	0.00012	-115.26	96.87	0.00012
-116.67	95.46	0.00012	-118.09	94.05	0.00012

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

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

18:47:39  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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	0.00018	-74.25	95.46	0.00018
-75.66	94.05	0.00017	-77.07	92.63	0.00017
-78.49	91.22	0.00017	-91.22	78.49	0.00015
-92.63	77.07	0.00015	-94.05	75.66	0.00015
-95.46	74.25	0.00015	-96.87	72.83	0.00015
-98.99	70.71	0.00015	-102.53	67.18	0.00014
-106.07	63.64	0.00014	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00014
-134.35	35.36	0.00014	-141.42	28.28	0.00014
-148.49	21.21	0.00015	-155.56	14.14	0.00015
-7.07	148.49	0.00038	-14.14	141.42	0.00035
-21.21	134.35	0.00032	-28.28	127.28	0.00030
-35.36	120.21	0.00027	-42.43	113.14	0.00025
-49.50	106.07	0.00024	-56.57	98.99	0.00022
-60.10	95.46	0.00021	-63.64	91.92	0.00020
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00019	-70.00	85.56	0.00019
-71.42	84.15	0.00019	-84.15	71.42	0.00017
-85.56	70.00	0.00017	-86.97	68.59	0.00016
-88.39	67.18	0.00016	-89.80	65.76	0.00016
-91.92	63.64	0.00016	-95.46	60.10	0.00016
-98.99	56.57	0.00015	-106.07	49.50	0.00015
-113.14	42.43	0.00015	-120.21	35.36	0.00015
-127.28	28.28	0.00015	-134.35	21.21	0.00016
-141.42	14.14	0.00017	-148.49	7.07	0.00017
0.00	141.42	0.00043	-7.07	134.35	0.00040
-14.14	127.28	0.00037	-21.21	120.21	0.00034
-28.28	113.14	0.00031	-35.36	106.07	0.00029
-42.43	98.99	0.00026	-49.50	91.92	0.00024
-53.03	88.39	0.00023	-56.57	84.85	0.00023
-58.69	82.73	0.00022	-60.10	81.32	0.00022
-61.52	79.90	0.00021	-62.93	78.49	0.00021
-64.35	77.07	0.00021	-77.07	64.35	0.00018
-78.49	62.93	0.00018	-79.90	61.52	0.00018



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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	0.00049	0.00	127.28	0.00047
-7.07	120.21	0.00043	-14.14	113.14	0.00039
-21.21	106.07	0.00036	-28.28	98.99	0.00033
-35.36	91.92	0.00030	-42.43	84.85	0.00027
-45.96	81.32	0.00026	-49.50	77.78	0.00025
-51.62	75.66	0.00025	-53.03	74.25	0.00024
-54.45	72.83	0.00024	-55.86	71.42	0.00023
-57.28	70.00	0.00023	-70.00	57.28	0.00020
-71.42	55.86	0.00020	-72.83	54.45	0.00020
-74.25	53.03	0.00020	-75.66	51.62	0.00019
-77.78	49.50	0.00019	-81.32	45.96	0.00019
-84.85	42.43	0.00018	-91.92	35.36	0.00018
-98.99	28.28	0.00018	-106.07	21.21	0.00019
-113.14	14.14	0.00019	-120.21	7.07	0.00020
-127.28	0.00	0.00021	-134.35	-7.07	0.00021
14.14	127.28	0.00057	7.07	120.21	0.00054
0.00	113.14	0.00050	-7.07	106.07	0.00046
-14.14	98.99	0.00042	-21.21	91.92	0.00038
-28.28	84.85	0.00034	-35.36	77.78	0.00031
-38.89	74.25	0.00030	-42.43	70.71	0.00028
-44.55	68.59	0.00028	-45.96	67.18	0.00027
-47.38	65.76	0.00027	-48.79	64.35	0.00026
-50.20	62.93	0.00026	-62.93	50.20	0.00022
-64.35	48.79	0.00022	-65.76	47.38	0.00022
-67.18	45.96	0.00022	-68.59	44.55	0.00021
-70.71	42.43	0.00021	-74.25	38.89	0.00021
-77.78	35.36	0.00020	-84.85	28.28	0.00020
-91.92	21.21	0.00020	-98.99	14.14	0.00021

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00022	-113.14	0.00	0.00023
-120.21	-7.07	0.00024	-127.28	-14.14	0.00024
21.21	120.21	0.00065	14.14	113.14	0.00063
7.07	106.07	0.00059	0.00	98.99	0.00054
-7.07	91.92	0.00049	-14.14	84.85	0.00044
-21.21	77.78	0.00039	-28.28	70.71	0.00036
-31.82	67.18	0.00034	-35.36	63.64	0.00032
-37.48	61.52	0.00031	-38.89	60.10	0.00031
-40.31	58.69	0.00030	-41.72	57.28	0.00030
-43.13	55.86	0.00029	-55.86	43.13	0.00025
-57.28	41.72	0.00025	-58.69	40.31	0.00024
-60.10	38.89	0.00024	-61.52	37.48	0.00024

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

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\*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00024	-67.18	31.82	0.00023
-70.71	28.28	0.00023	-77.78	21.21	0.00023
-84.85	14.14	0.00023	-91.92	7.07	0.00024
-98.99	0.00	0.00025	-106.07	-7.07	0.00026
-113.14	-14.14	0.00027	-120.21	-21.21	0.00027
28.28	113.14	0.00074	21.21	106.07	0.00073
14.14	98.99	0.00070	7.07	91.92	0.00065
0.00	84.85	0.00058	-7.07	77.78	0.00052
-14.14	70.71	0.00046	-21.21	63.64	0.00041
-24.75	60.10	0.00039	-28.28	56.57	0.00037
-30.41	54.45	0.00036	-31.82	53.03	0.00035
-33.23	51.62	0.00034	-34.65	50.20	0.00034
-36.06	48.79	0.00033	-48.79	36.06	0.00028
-50.20	34.65	0.00028	-51.62	33.23	0.00027
-53.03	31.82	0.00027	-54.45	30.41	0.00027
-56.57	28.28	0.00026	-60.10	24.75	0.00026
-63.64	21.21	0.00026	-70.71	14.14	0.00026
-77.78	7.07	0.00026	-84.85	0.00	0.00028
-91.92	-7.07	0.00029	-98.99	-14.14	0.00030
-106.07	-21.21	0.00031	-113.14	-28.28	0.00031
35.36	106.07	0.00083	28.28	98.99	0.00084
21.21	91.92	0.00082	14.14	84.85	0.00078

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00071	0.00	70.71	0.00063
-7.07	63.64	0.00055	-14.14	56.57	0.00048
-17.68	53.03	0.00046	-21.21	49.50	0.00043
-23.33	47.38	0.00041	-24.75	45.96	0.00040
-26.16	44.55	0.00039	-27.58	43.13	0.00039
-28.99	41.72	0.00038	-41.72	28.99	0.00032
-43.13	27.58	0.00031	-44.55	26.16	0.00031
-45.96	24.75	0.00030	-47.38	23.33	0.00030
-49.50	21.21	0.00030	-53.03	17.68	0.00029
-56.57	14.14	0.00029	-63.64	7.07	0.00029
-70.71	0.00	0.00031	-77.78	-7.07	0.00032
-84.85	-14.14	0.00034	-91.92	-21.21	0.00035
-98.99	-28.28	0.00035	-106.07	-35.36	0.00035
42.43	98.99	0.00093	35.36	91.92	0.00096
28.28	84.85	0.00096	21.21	77.78	0.00093
14.14	70.71	0.00086	7.07	63.64	0.00077
0.00	56.57	0.00067	-7.07	49.50	0.00058
-10.61	45.96	0.00054	-14.14	42.43	0.00051

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

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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	0.00049	-17.68	38.89	0.00047
-19.09	37.48	0.00046	-20.51	36.06	0.00045
-21.92	34.65	0.00044	-34.65	21.92	0.00036
-36.06	20.51	0.00036	-37.48	19.09	0.00035
-38.89	17.68	0.00035	-40.31	16.26	0.00034
-42.43	14.14	0.00034	-45.96	10.61	0.00033
-49.50	7.07	0.00033	-56.57	0.00	0.00034
-63.64	-7.07	0.00036	-70.71	-14.14	0.00038
-77.78	-21.21	0.00039	-84.85	-28.28	0.00040
-91.92	-35.36	0.00040	-98.99	-42.43	0.00040
49.50	91.92	0.00102	42.43	84.85	0.00108
35.36	77.78	0.00112	28.28	70.71	0.00112
21.21	63.64	0.00106	14.14	56.57	0.00096
7.07	49.50	0.00083	0.00	42.43	0.00071
-3.54	38.89	0.00065	-7.07	35.36	0.00060
-9.19	33.23	0.00058	-10.61	31.82	0.00056

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00054	-13.44	28.99	0.00053
-14.85	27.58	0.00051	-27.58	14.85	0.00041
-28.99	13.44	0.00041	-30.41	12.02	0.00040
-31.82	10.61	0.00040	-33.23	9.19	0.00039
-35.36	7.07	0.00039	-38.89	3.54	0.00038
-42.43	0.00	0.00039	-49.50	-7.07	0.00041
-56.57	-14.14	0.00043	-63.64	-21.21	0.00045
-70.71	-28.28	0.00046	-77.78	-35.36	0.00047
-84.85	-42.43	0.00046	-91.92	-49.50	0.00046
56.57	84.85	0.00111	49.50	77.78	0.00120
42.43	70.71	0.00128	35.36	63.64	0.00132
28.28	56.57	0.00130	21.21	49.50	0.00122
14.14	42.43	0.00106	7.07	35.36	0.00089
3.54	31.82	0.00081	0.00	28.28	0.00074
-2.12	26.16	0.00070	-3.54	24.75	0.00068
-4.95	23.33	0.00065	-6.36	21.92	0.00063
-7.78	20.51	0.00061	-20.51	7.78	0.00048
-21.92	6.36	0.00047	-23.33	4.95	0.00046
-24.75	3.54	0.00046	-26.16	2.12	0.00046
-28.28	0.00	0.00045	-31.82	-3.54	0.00045
-35.36	-7.07	0.00046	-42.43	-14.14	0.00049
-49.50	-21.21	0.00052	-56.57	-28.28	0.00054
-63.64	-35.36	0.00055	-70.71	-42.43	0.00055
-77.78	-49.50	0.00054	-84.85	-56.57	0.00054

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

18:47:39  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00117	56.57	70.71	0.00130
49.50	63.64	0.00143	42.43	56.57	0.00153
35.36	49.50	0.00157	28.28	42.43	0.00154
21.21	35.36	0.00139	14.14	28.28	0.00116
10.61	24.75	0.00104	7.07	21.21	0.00093
4.95	19.09	0.00088	3.54	17.68	0.00084
2.12	16.26	0.00080	0.71	14.85	0.00077
-0.71	13.44	0.00074	-13.44	0.71	0.00056
-14.85	-0.71	0.00055	-16.26	-2.12	0.00054
-17.68	-3.54	0.00054	-19.09	-4.95	0.00053

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00053	-24.75	-10.61	0.00054
-28.28	-14.14	0.00056	-35.36	-21.21	0.00060
-42.43	-28.28	0.00063	-49.50	-35.36	0.00065
-56.57	-42.43	0.00066	-63.64	-49.50	0.00065
-70.71	-56.57	0.00064	-77.78	-63.64	0.00063
70.71	70.71	0.00122	63.64	63.64	0.00139
56.57	56.57	0.00156	49.50	49.50	0.00172
42.43	42.43	0.00185	35.36	35.36	0.00191
28.28	28.28	0.00183	21.21	21.21	0.00158
17.68	17.68	0.00141	14.14	14.14	0.00123
12.02	12.02	0.00114	10.61	10.61	0.00108
9.19	9.19	0.00102	7.78	7.78	0.00097
6.36	6.36	0.00092	-6.36	-6.36	0.00066
-7.78	-7.78	0.00065	-9.19	-9.19	0.00064
-10.61	-10.61	0.00064	-12.02	-12.02	0.00064
-14.14	-14.14	0.00065	-17.68	-17.68	0.00067
-21.21	-21.21	0.00070	-28.28	-28.28	0.00075
-35.36	-35.36	0.00079	-42.43	-42.43	0.00080
-49.50	-49.50	0.00080	-56.57	-56.57	0.00079
-63.64	-63.64	0.00077	-70.71	-70.71	0.00073
77.78	63.64	0.00126	70.71	56.57	0.00145
63.64	49.50	0.00167	56.57	42.43	0.00189
49.50	35.36	0.00211	42.43	28.28	0.00229
35.36	21.21	0.00235	28.28	14.14	0.00218
24.75	10.61	0.00198	21.21	7.07	0.00173
19.09	4.95	0.00157	17.68	3.54	0.00146
16.26	2.12	0.00136	14.85	0.71	0.00127
13.44	-0.71	0.00119	0.71	-13.44	0.00079
-0.71	-14.85	0.00078	-2.12	-16.26	0.00078
-3.54	-17.68	0.00078	-4.95	-19.09	0.00079

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	0.00081	-10.61	-24.75	0.00085
-14.14	-28.28	0.00089	-21.21	-35.36	0.00096
-28.28	-42.43	0.00099	-35.36	-49.50	0.00100
-42.43	-56.57	0.00098	-49.50	-63.64	0.00095

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00090	-63.64	-77.78	0.00085
84.85	56.57	0.00127	77.78	49.50	0.00149
70.71	42.43	0.00174	63.64	35.36	0.00203
56.57	28.28	0.00233	49.50	21.21	0.00263
42.43	14.14	0.00287	35.36	7.07	0.00294
31.82	3.54	0.00283	28.28	0.00	0.00257
26.16	-2.12	0.00234	24.75	-3.54	0.00216
23.33	-4.95	0.00199	21.92	-6.36	0.00181
20.51	-7.78	0.00164	7.78	-20.51	0.00096
6.36	-21.92	0.00097	4.95	-23.33	0.00098
3.54	-24.75	0.00100	2.12	-26.16	0.00102
0.00	-28.28	0.00106	-3.54	-31.82	0.00112
-7.07	-35.36	0.00118	-14.14	-42.43	0.00126
-21.21	-49.50	0.00128	-28.28	-56.57	0.00126
-35.36	-63.64	0.00120	-42.43	-70.71	0.00113
-49.50	-77.78	0.00106	-56.57	-84.85	0.00098
91.92	49.50	0.00128	84.85	42.43	0.00151
77.78	35.36	0.00180	70.71	28.28	0.00213
63.64	21.21	0.00251	56.57	14.14	0.00292
49.50	7.07	0.00333	42.43	0.00	0.00368
38.89	-3.54	0.00378	35.36	-7.07	0.00374
33.23	-9.19	0.00360	31.82	-10.61	0.00343
30.41	-12.02	0.00320	28.99	-13.44	0.00292
27.58	-14.85	0.00260	14.85	-27.58	0.00124
13.44	-28.99	0.00127	12.02	-30.41	0.00131
10.61	-31.82	0.00136	9.19	-33.23	0.00140
7.07	-35.36	0.00146	3.54	-38.89	0.00156
0.00	-42.43	0.00163	-7.07	-49.50	0.00168
-14.14	-56.57	0.00164	-21.21	-63.64	0.00155
-28.28	-70.71	0.00145	-35.36	-77.78	0.00133
-42.43	-84.85	0.00122	-49.50	-91.92	0.00112
98.99	42.43	0.00126	91.92	35.36	0.00150
84.85	28.28	0.00181	77.78	21.21	0.00219
70.71	14.14	0.00263	63.64	7.07	0.00315
56.57	0.00	0.00371	49.50	-7.07	0.00430
45.96	-10.61	0.00458	42.43	-14.14	0.00481

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 \*\*\*

18NCRA\_NAPA97-300\_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	0.00490	38.89	-17.68	0.00491
37.48	-19.09	0.00490	36.06	-20.51	0.00480
34.65	-21.92	0.00456	21.92	-34.65	0.00190
20.51	-36.06	0.00197	19.09	-37.48	0.00203
17.68	-38.89	0.00208	16.26	-40.31	0.00212
14.14	-42.43	0.00217	10.61	-45.96	0.00222
7.07	-49.50	0.00223	0.00	-56.57	0.00217
-7.07	-63.64	0.00204	-14.14	-70.71	0.00188
-21.21	-77.78	0.00171	-28.28	-84.85	0.00154
-35.36	-91.92	0.00139	-42.43	-98.99	0.00126
106.07	35.36	0.00122	98.99	28.28	0.00146
91.92	21.21	0.00178	84.85	14.14	0.00218
77.78	7.07	0.00268	70.71	0.00	0.00328
63.64	-7.07	0.00398	56.57	-14.14	0.00475
53.03	-17.68	0.00516	49.50	-21.21	0.00556
47.38	-23.33	0.00576	45.96	-24.75	0.00587
44.55	-26.16	0.00595	43.13	-27.58	0.00606
41.72	-28.99	0.00610	28.99	-41.72	0.00341
27.58	-43.13	0.00327	26.16	-44.55	0.00318
24.75	-45.96	0.00312	23.33	-47.38	0.00308
21.21	-49.50	0.00304	17.68	-53.03	0.00298
14.14	-56.57	0.00290	7.07	-63.64	0.00271
0.00	-70.71	0.00247	-7.07	-77.78	0.00221
-14.14	-84.85	0.00197	-21.21	-91.92	0.00175
-28.28	-98.99	0.00156	-35.36	-106.07	0.00139
113.14	28.28	0.00116	106.07	21.21	0.00140
98.99	14.14	0.00171	91.92	7.07	0.00211
84.85	0.00	0.00263	77.78	-7.07	0.00329
70.71	-14.14	0.00408	63.64	-21.21	0.00496
60.10	-24.75	0.00543	56.57	-28.28	0.00588
54.45	-30.41	0.00611	53.03	-31.82	0.00623
51.62	-33.23	0.00630	50.20	-34.65	0.00636
48.79	-36.06	0.00640	36.06	-48.79	0.00426
34.65	-50.20	0.00414	33.23	-51.62	0.00405
31.82	-53.03	0.00397	30.41	-54.45	0.00390
28.28	-56.57	0.00380	24.75	-60.10	0.00364
21.21	-63.64	0.00349	14.14	-70.71	0.00317
7.07	-77.78	0.00283	0.00	-84.85	0.00250
-7.07	-91.92	0.00220	-14.14	-98.99	0.00193
-21.21	-106.07	0.00170	-28.28	-113.14	0.00150

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
120.21	21.21	0.00109	113.14	14.14	0.00131
106.07	7.07	0.00160	98.99	0.00	0.00198
91.92	-7.07	0.00249	84.85	-14.14	0.00317
77.78	-21.21	0.00401	70.71	-28.28	0.00498
67.18	-31.82	0.00547	63.64	-35.36	0.00594
61.52	-37.48	0.00618	60.10	-38.89	0.00630
58.69	-40.31	0.00638	57.28	-41.72	0.00641
55.86	-43.13	0.00645	43.13	-55.86	0.00459
41.72	-57.28	0.00452	40.31	-58.69	0.00446
38.89	-60.10	0.00442	37.48	-61.52	0.00437
35.36	-63.64	0.00430	31.82	-67.18	0.00415
28.28	-70.71	0.00397	21.21	-77.78	0.00356
14.14	-84.85	0.00313	7.07	-91.92	0.00273
0.00	-98.99	0.00237	-7.07	-106.07	0.00207
-14.14	-113.14	0.00181	-21.21	-120.21	0.00158
127.28	14.14	0.00101	120.21	7.07	0.00121
113.14	0.00	0.00146	106.07	-7.07	0.00181
98.99	-14.14	0.00228	91.92	-21.21	0.00293
84.85	-28.28	0.00379	77.78	-35.36	0.00482
74.25	-38.89	0.00535	70.71	-42.43	0.00584
68.59	-44.55	0.00609	67.18	-45.96	0.00623
65.76	-47.38	0.00633	64.35	-48.79	0.00637
62.93	-50.20	0.00641	50.20	-62.93	0.00474
48.79	-64.35	0.00469	47.38	-65.76	0.00466
45.96	-67.18	0.00463	44.55	-68.59	0.00460
42.43	-70.71	0.00455	38.89	-74.25	0.00443
35.36	-77.78	0.00426	28.28	-84.85	0.00383
21.21	-91.92	0.00336	14.14	-98.99	0.00291
7.07	-106.07	0.00251	0.00	-113.14	0.00216
-7.07	-120.21	0.00187	-14.14	-127.28	0.00163
134.35	7.07	0.00093	127.28	0.00	0.00110
120.21	-7.07	0.00132	113.14	-14.14	0.00162
106.07	-21.21	0.00203	98.99	-28.28	0.00260
91.92	-35.36	0.00340	84.85	-42.43	0.00446
81.32	-45.96	0.00504	77.78	-49.50	0.00560
75.66	-51.62	0.00588	74.25	-53.03	0.00604



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00616	71.42	-55.86	0.00623
70.00	-57.28	0.00627	57.28	-70.00	0.00480
55.86	-71.42	0.00476	54.45	-72.83	0.00473
53.03	-74.25	0.00471	51.62	-75.66	0.00469

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	-77.78	0.00465	45.96	-81.32	0.00454
42.43	-84.85	0.00438	35.36	-91.92	0.00396
28.28	-98.99	0.00348	21.21	-106.07	0.00300
14.14	-113.14	0.00257	7.07	-120.21	0.00221
0.00	-127.28	0.00190	-7.07	-134.35	0.00165
141.42	0.00	0.00084	134.35	-7.07	0.00099
127.28	-14.14	0.00118	120.21	-21.21	0.00143
113.14	-28.28	0.00176	106.07	-35.36	0.00222
98.99	-42.43	0.00289	91.92	-49.50	0.00387
88.39	-53.03	0.00449	84.85	-56.57	0.00513
82.73	-58.69	0.00548	81.32	-60.10	0.00568
79.90	-61.52	0.00585	78.49	-62.93	0.00596
77.07	-64.35	0.00603	64.35	-77.07	0.00477
62.93	-78.49	0.00473	61.52	-79.90	0.00472
60.10	-81.32	0.00470	58.69	-82.73	0.00467
56.57	-84.85	0.00463	53.03	-88.39	0.00451
49.50	-91.92	0.00435	42.43	-98.99	0.00394
35.36	-106.07	0.00346	28.28	-113.14	0.00299
21.21	-120.21	0.00256	14.14	-127.28	0.00220
7.07	-134.35	0.00189	0.00	-141.42	0.00164
148.49	-7.07	0.00075	141.42	-14.14	0.00087
134.35	-21.21	0.00103	127.28	-28.28	0.00123
120.21	-35.36	0.00149	113.14	-42.43	0.00185
106.07	-49.50	0.00234	98.99	-56.57	0.00310
95.46	-60.10	0.00363	91.92	-63.64	0.00429
89.80	-65.76	0.00472	88.39	-67.18	0.00499
86.97	-68.59	0.00524	85.56	-70.00	0.00543
84.15	-71.42	0.00559	71.42	-84.15	0.00466
70.00	-85.56	0.00461	68.59	-86.97	0.00459
67.18	-88.39	0.00456	65.76	-89.80	0.00453

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00447	60.10	-95.46	0.00434
56.57	-98.99	0.00417	49.50	-106.07	0.00376
42.43	-113.14	0.00331	35.36	-120.21	0.00287
28.28	-127.28	0.00247	21.21	-134.35	0.00213
14.14	-141.42	0.00184	7.07	-148.49	0.00160
155.56	-14.14	0.00066	148.49	-21.21	0.00076
141.42	-28.28	0.00088	134.35	-35.36	0.00104
127.28	-42.43	0.00124	120.21	-49.50	0.00149
113.14	-56.57	0.00183	106.07	-63.64	0.00232
102.53	-67.18	0.00266	98.99	-70.71	0.00311

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	0.00345	95.46	-74.25	0.00372
94.05	-75.66	0.00401	92.63	-77.07	0.00433
91.22	-78.49	0.00463	78.49	-91.22	0.00442
77.07	-92.63	0.00435	75.66	-94.05	0.00430
74.25	-95.46	0.00425	72.83	-96.87	0.00420
70.71	-98.99	0.00412	67.18	-102.53	0.00397
63.64	-106.07	0.00380	56.57	-113.14	0.00342
49.50	-120.21	0.00303	42.43	-127.28	0.00266
35.36	-134.35	0.00232	28.28	-141.42	0.00201
21.21	-148.49	0.00175	14.14	-155.56	0.00153
162.63	-21.21	0.00057	155.56	-28.28	0.00064
148.49	-35.36	0.00074	141.42	-42.43	0.00085
134.35	-49.50	0.00099	127.28	-56.57	0.00116
120.21	-63.64	0.00137	113.14	-70.71	0.00164
109.60	-74.25	0.00181	106.07	-77.78	0.00200
103.94	-79.90	0.00212	102.53	-81.32	0.00221
101.12	-82.73	0.00232	99.70	-84.15	0.00246
98.29	-85.56	0.00266	85.56	-98.29	0.00378
84.15	-99.70	0.00368	82.73	-101.12	0.00360
81.32	-102.53	0.00355	79.90	-103.94	0.00351
77.78	-106.07	0.00345	74.25	-109.60	0.00334
70.71	-113.14	0.00323	63.64	-120.21	0.00297
56.57	-127.28	0.00267	49.50	-134.35	0.00238
42.43	-141.42	0.00210	35.36	-148.49	0.00185

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00163	21.21	-162.63	0.00144
169.71	-28.28	0.00048	162.63	-35.36	0.00054
155.56	-42.43	0.00061	148.49	-49.50	0.00069
141.42	-56.57	0.00078	134.35	-63.64	0.00088
127.28	-70.71	0.00099	120.21	-77.78	0.00110
116.67	-81.32	0.00115	113.14	-84.85	0.00118
111.02	-86.97	0.00119	109.60	-88.39	0.00119
108.19	-89.80	0.00118	106.77	-91.22	0.00117
105.36	-92.63	0.00116	92.63	-105.36	0.00224
91.22	-106.77	0.00236	89.80	-108.19	0.00244
88.39	-109.60	0.00250	86.97	-111.02	0.00254
84.85	-113.14	0.00258	81.32	-116.67	0.00260
77.78	-120.21	0.00257	70.71	-127.28	0.00244
63.64	-134.35	0.00226	56.57	-141.42	0.00205
49.50	-148.49	0.00185	42.43	-155.56	0.00166
35.36	-162.63	0.00148	28.28	-169.71	0.00132

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	0.00041	169.71	-42.43	0.00046
162.63	-49.50	0.00050	155.56	-56.57	0.00055
148.49	-63.64	0.00061	141.42	-70.71	0.00066
134.35	-77.78	0.00071	127.28	-84.85	0.00075
123.74	-88.39	0.00076	120.21	-91.92	0.00075
118.09	-94.05	0.00075	116.67	-95.46	0.00075
115.26	-96.87	0.00076	113.84	-98.29	0.00076
112.43	-99.70	0.00078	99.70	-112.43	0.00136
98.29	-113.84	0.00146	96.87	-115.26	0.00155
95.46	-116.67	0.00163	94.05	-118.09	0.00171
91.92	-120.21	0.00181	88.39	-123.74	0.00192
84.85	-127.28	0.00197	77.78	-134.35	0.00197
70.71	-141.42	0.00188	63.64	-148.49	0.00175
56.57	-155.56	0.00161	49.50	-162.63	0.00146
42.43	-169.71	0.00133	35.36	-176.78	0.00120
183.85	-42.43	0.00035	176.78	-49.50	0.00038
169.71	-56.57	0.00041	162.63	-63.64	0.00045
155.56	-70.71	0.00048	148.49	-77.78	0.00051

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00053	134.35	-91.92	0.00054
130.81	-95.46	0.00054	127.28	-98.99	0.00054
125.16	-101.12	0.00055	123.74	-102.53	0.00056
122.33	-103.94	0.00057	120.92	-105.36	0.00059
119.50	-106.77	0.00061	106.77	-119.50	0.00097
105.36	-120.92	0.00103	103.94	-122.33	0.00108
102.53	-123.74	0.00113	101.12	-125.16	0.00119
98.99	-127.28	0.00126	95.46	-130.81	0.00136
91.92	-134.35	0.00144	84.85	-141.42	0.00153
77.78	-148.49	0.00152	70.71	-155.56	0.00146
63.64	-162.63	0.00138	56.57	-169.71	0.00128
49.50	-176.78	0.00118	42.43	-183.85	0.00109
190.92	-49.50	0.00030	183.85	-56.57	0.00032
176.78	-63.64	0.00034	169.71	-70.71	0.00036
162.63	-77.78	0.00038	155.56	-84.85	0.00039
148.49	-91.92	0.00040	141.42	-98.99	0.00041
137.89	-102.53	0.00042	134.35	-106.07	0.00043
132.23	-108.19	0.00044	130.81	-109.60	0.00046
129.40	-111.02	0.00047	127.99	-112.43	0.00048
126.57	-113.84	0.00050	113.84	-126.57	0.00074
112.43	-127.99	0.00078	111.02	-129.40	0.00081
109.60	-130.81	0.00085	108.19	-132.23	0.00088

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\_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	0.00093	102.53	-137.89	0.00100
98.99	-141.42	0.00106	91.92	-148.49	0.00116
84.85	-155.56	0.00120	77.78	-162.63	0.00120
70.71	-169.71	0.00116	63.64	-176.78	0.00111
56.57	-183.85	0.00104	49.50	-190.92	0.00097
197.99	-56.57	0.00026	190.92	-63.64	0.00027
183.85	-70.71	0.00029	176.78	-77.78	0.00030
169.71	-84.85	0.00031	162.63	-91.92	0.00031
155.56	-98.99	0.00032	148.49	-106.07	0.00033
144.96	-109.60	0.00034	141.42	-113.14	0.00036
139.30	-115.26	0.00037	137.89	-116.67	0.00038
136.47	-118.09	0.00039	135.06	-119.50	0.00041

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00042	120.92	-133.64	0.00058
119.50	-135.06	0.00061	118.09	-136.47	0.00064
116.67	-137.89	0.00066	115.26	-139.30	0.00069
113.14	-141.42	0.00072	109.60	-144.96	0.00077
106.07	-148.49	0.00082	98.99	-155.56	0.00089
91.92	-162.63	0.00094	84.85	-169.71	0.00096
77.78	-176.78	0.00096	70.71	-183.85	0.00094
63.64	-190.92	0.00090	56.57	-197.99	0.00086
205.06	-63.64	0.00022	197.99	-70.71	0.00023
190.92	-77.78	0.00024	183.85	-84.85	0.00024
176.78	-91.92	0.00025	169.71	-98.99	0.00025
162.63	-106.07	0.00026	155.56	-113.14	0.00028
152.03	-116.67	0.00029	148.49	-120.21	0.00030
146.37	-122.33	0.00032	144.96	-123.74	0.00033
143.54	-125.16	0.00034	142.13	-126.57	0.00035
140.71	-127.99	0.00036	127.99	-140.71	0.00047
126.57	-142.13	0.00049	125.16	-143.54	0.00051
123.74	-144.96	0.00053	122.33	-146.37	0.00055
120.21	-148.49	0.00057	116.67	-152.03	0.00061
113.14	-155.56	0.00065	106.07	-162.63	0.00070
98.99	-169.71	0.00075	91.92	-176.78	0.00077
84.85	-183.85	0.00079	77.78	-190.92	0.00079
70.71	-197.99	0.00077	63.64	-205.06	0.00075
212.13	-70.71	0.00019	205.06	-77.78	0.00020
197.99	-84.85	0.00020	190.92	-91.92	0.00020
183.85	-98.99	0.00021	176.78	-106.07	0.00021
169.71	-113.14	0.00022	162.63	-120.21	0.00024
159.10	-123.74	0.00025	155.56	-127.28	0.00026

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\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00027	152.03	-130.81	0.00028
150.61	-132.23	0.00029	149.20	-133.64	0.00030
147.79	-135.06	0.00031	135.06	-147.79	0.00039
133.64	-149.20	0.00040	132.23	-150.61	0.00042
130.81	-152.03	0.00043	129.40	-153.44	0.00045
127.28	-155.56	0.00047	123.74	-159.10	0.00050

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00052	113.14	-169.71	0.00057
106.07	-176.78	0.00060	98.99	-183.85	0.00063
91.92	-190.92	0.00065	84.85	-197.99	0.00066
77.78	-205.06	0.00066	70.71	-212.13	0.00065
219.20	-77.78	0.00016	212.13	-84.85	0.00017
205.06	-91.92	0.00017	197.99	-98.99	0.00017
190.92	-106.07	0.00018	183.85	-113.14	0.00018
176.78	-120.21	0.00019	169.71	-127.28	0.00021
166.17	-130.81	0.00022	162.63	-134.35	0.00023
160.51	-136.47	0.00024	159.10	-137.89	0.00024
157.68	-139.30	0.00025	156.27	-140.71	0.00026
154.86	-142.13	0.00026	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	0.00041
127.28	-169.71	0.00043	120.21	-176.78	0.00047
113.14	-183.85	0.00050	106.07	-190.92	0.00052
98.99	-197.99	0.00054	91.92	-205.06	0.00055
84.85	-212.13	0.00056	77.78	-219.20	0.00056
226.27	-84.85	0.00014	219.20	-91.92	0.00014
212.13	-98.99	0.00015	205.06	-106.07	0.00015
197.99	-113.14	0.00015	190.92	-120.21	0.00016
183.85	-127.28	0.00017	176.78	-134.35	0.00018
173.24	-137.89	0.00019	169.71	-141.42	0.00020
167.58	-143.54	0.00021	166.17	-144.96	0.00021
164.76	-146.37	0.00022	163.34	-147.79	0.00023
161.93	-149.20	0.00023	149.20	-161.93	0.00028
147.79	-163.34	0.00029	146.37	-164.76	0.00030
144.96	-166.17	0.00030	143.54	-167.58	0.00031
141.42	-169.71	0.00032	137.89	-173.24	0.00034
134.35	-176.78	0.00036	127.28	-183.85	0.00039
120.21	-190.92	0.00042	113.14	-197.99	0.00044
106.07	-205.06	0.00045	98.99	-212.13	0.00046
91.92	-219.20	0.00047	84.85	-226.27	0.00048

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\_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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00013
205.06	-120.21	0.00013	197.99	-127.28	0.00014
190.92	-134.35	0.00015	183.85	-141.42	0.00016
180.31	-144.96	0.00017	176.78	-148.49	0.00018
174.66	-150.61	0.00019	173.24	-152.03	0.00019
171.83	-153.44	0.00019	170.41	-154.86	0.00020
169.00	-156.27	0.00020	156.27	-169.00	0.00024
154.86	-170.41	0.00025	153.44	-171.83	0.00025
152.03	-173.24	0.00026	150.61	-174.66	0.00027
148.49	-176.78	0.00028	144.96	-180.31	0.00029
141.42	-183.85	0.00031	134.35	-190.92	0.00034
127.28	-197.99	0.00036	120.21	-205.06	0.00037
113.14	-212.13	0.00038	106.07	-219.20	0.00040
98.99	-226.27	0.00040	91.92	-233.35	0.00041
240.42	-98.99	0.00011	233.35	-106.07	0.00011
226.27	-113.14	0.00011	219.20	-120.21	0.00012
212.13	-127.28	0.00012	205.06	-134.35	0.00013
197.99	-141.42	0.00013	190.92	-148.49	0.00015
187.38	-152.03	0.00015	183.85	-155.56	0.00016
181.73	-157.68	0.00017	180.31	-159.10	0.00017
178.90	-160.51	0.00017	177.48	-161.93	0.00018
176.07	-163.34	0.00018	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	0.00025
148.49	-190.92	0.00027	141.42	-197.99	0.00029
134.35	-205.06	0.00031	127.28	-212.13	0.00032
120.21	-219.20	0.00033	113.14	-226.27	0.00034
106.07	-233.35	0.00035	98.99	-240.42	0.00036
247.49	-106.07	0.00010	240.42	-113.14	0.00010
233.35	-120.21	0.00010	226.27	-127.28	0.00010
219.20	-134.35	0.00011	212.13	-141.42	0.00011
205.06	-148.49	0.00012	197.99	-155.56	0.00013
194.45	-159.10	0.00014	190.92	-162.63	0.00014
188.80	-164.76	0.00015	187.38	-166.17	0.00015
185.97	-167.58	0.00015	184.55	-169.00	0.00016
183.14	-170.41	0.00016	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

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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	
162.63	-190.92	0.00021	159.10	-194.45	0.00022	
155.56	-197.99	0.00023	148.49	-205.06	0.00025	
141.42	-212.13	0.00027	134.35	-219.20	0.00028	
127.28	-226.27	0.00029	120.21	-233.35	0.00030	
113.14	-240.42	0.00030	106.07	-247.49	0.00031	

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	0.00021	-113.14	240.42	0.00019	
-120.21	233.35	0.00018	-127.28	226.27	0.00017	
-134.35	219.20	0.00016	-141.42	212.13	0.00015	
-148.49	205.06	0.00014	-155.56	197.99	0.00014	
-159.10	194.45	0.00013	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00012	-169.00	184.55	0.00012	
-170.41	183.14	0.00012	-183.14	170.41	0.00011	
-184.55	169.00	0.00011	-185.97	167.58	0.00011	
-187.38	166.17	0.00011	-188.80	164.76	0.00011	
-190.92	162.63	0.00011	-194.45	159.10	0.00011	
-197.99	155.56	0.00010	-205.06	148.49	0.00010	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00010	
-240.42	113.14	0.00010	-247.49	106.07	0.00011	
-98.99	240.42	0.00023	-106.07	233.35	0.00022	
-113.14	226.27	0.00020	-120.21	219.20	0.00019	
-127.28	212.13	0.00018	-134.35	205.06	0.00017	
-141.42	197.99	0.00016	-148.49	190.92	0.00015	
-152.03	187.38	0.00014	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00013	-161.93	177.48	0.00013	
-163.34	176.07	0.00013	-176.07	163.34	0.00012	



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00012	-178.90	160.51	0.00012
-180.31	159.10	0.00012	-181.73	157.68	0.00012
-183.85	155.56	0.00011	-187.38	152.03	0.00011
-190.92	148.49	0.00011	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00011	-226.27	113.14	0.00011
-233.35	106.07	0.00011	-240.42	98.99	0.00012
-91.92	233.35	0.00026	-99.00	226.27	0.00024
-106.07	219.20	0.00022	-113.14	212.13	0.00021
-120.21	205.06	0.00020	-127.28	197.99	0.00018
-134.35	190.92	0.00017	-141.42	183.85	0.00016
-144.96	180.31	0.00016	-148.49	176.78	0.00015
-150.61	174.66	0.00015	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00014
-156.27	169.00	0.00014	-169.00	156.27	0.00013
-170.41	154.86	0.00013	-171.83	153.44	0.00013
-173.24	152.03	0.00013	-174.66	150.61	0.00013

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

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

18:47:39

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00012	-180.31	144.96	0.00012
-183.85	141.42	0.00012	-190.92	134.35	0.00012
-197.99	127.28	0.00011	-205.06	120.21	0.00011
-212.13	113.14	0.00012	-219.20	106.07	0.00012
-226.27	98.99	0.00012	-233.35	91.92	0.00013
-84.85	226.27	0.00029	-91.92	219.20	0.00027
-99.00	212.13	0.00025	-106.07	205.06	0.00023
-113.14	197.99	0.00022	-120.21	190.92	0.00020
-127.28	183.85	0.00019	-134.35	176.78	0.00018
-137.89	173.24	0.00017	-141.42	169.71	0.00017
-143.54	167.58	0.00016	-144.96	166.17	0.00016
-146.37	164.76	0.00016	-147.79	163.34	0.00016
-149.20	161.93	0.00016	-161.93	149.20	0.00014
-163.34	147.79	0.00014	-164.76	146.37	0.00014
-166.17	144.96	0.00014	-167.58	143.54	0.00014
-169.71	141.42	0.00013	-173.24	137.89	0.00013
-176.78	134.35	0.00013	-183.85	127.28	0.00013

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	120.21	0.00012	-197.99	113.14	0.00012
-205.06	106.07	0.00013	-212.13	98.99	0.00013
-219.20	91.92	0.00013	-226.27	84.85	0.00014
-77.78	219.20	0.00033	-84.85	212.13	0.00031
-91.92	205.06	0.00028	-99.00	197.99	0.00026
-106.07	190.92	0.00024	-113.14	183.85	0.00023
-120.21	176.78	0.00021	-127.28	169.71	0.00020
-130.81	166.17	0.00019	-134.35	162.63	0.00018
-136.47	160.51	0.00018	-137.89	159.10	0.00018
-139.30	157.68	0.00017	-140.71	156.27	0.00017
-142.13	154.86	0.00017	-154.86	142.13	0.00015
-156.27	140.71	0.00015	-157.68	139.30	0.00015
-159.10	137.89	0.00015	-160.51	136.47	0.00015
-162.63	134.35	0.00015	-166.17	130.81	0.00014
-169.71	127.28	0.00014	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00014
-197.99	98.99	0.00014	-205.06	91.92	0.00014
-212.13	84.85	0.00015	-219.20	77.78	0.00015
-70.71	212.13	0.00038	-77.78	205.06	0.00035
-84.85	197.99	0.00032	-91.92	190.92	0.00030
-98.99	183.85	0.00027	-106.07	176.78	0.00025
-113.14	169.71	0.00024	-120.21	162.63	0.00022
-123.74	159.10	0.00021	-127.28	155.56	0.00020

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

18:47:39  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00019	-133.64	149.20	0.00019
-135.06	147.79	0.00019	-147.79	135.06	0.00017
-149.20	133.64	0.00017	-150.61	132.23	0.00016
-152.03	130.81	0.00016	-153.44	129.40	0.00016
-155.56	127.28	0.00016	-159.10	123.74	0.00016
-162.63	120.21	0.00015	-169.71	113.14	0.00015
-176.78	106.07	0.00015	-183.85	98.99	0.00015
-190.92	91.92	0.00015	-197.99	84.85	0.00016
-205.06	77.78	0.00017	-212.13	70.71	0.00017
-63.64	205.06	0.00043	-70.71	197.99	0.00040

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00037	-84.85	183.85	0.00034
-91.92	176.78	0.00031	-98.99	169.71	0.00029
-106.07	162.63	0.00026	-113.14	155.56	0.00024
-116.67	152.03	0.00023	-120.21	148.49	0.00023
-122.33	146.37	0.00022	-123.74	144.96	0.00022
-125.16	143.54	0.00021	-126.57	142.13	0.00021
-127.99	140.71	0.00021	-140.71	127.99	0.00018
-142.13	126.57	0.00018	-143.54	125.16	0.00018
-144.96	123.74	0.00018	-146.37	122.33	0.00018
-148.49	120.21	0.00017	-152.03	116.67	0.00017
-155.56	113.14	0.00017	-162.63	106.07	0.00016
-169.71	98.99	0.00016	-176.78	91.92	0.00017
-183.85	84.85	0.00017	-190.92	77.78	0.00018
-197.99	70.71	0.00019	-205.06	63.64	0.00019
-56.57	197.99	0.00049	-63.64	190.92	0.00047
-70.71	183.85	0.00043	-77.78	176.78	0.00039
-84.85	169.71	0.00036	-91.92	162.63	0.00033
-98.99	155.56	0.00030	-106.07	148.49	0.00027
-109.60	144.96	0.00026	-113.14	141.42	0.00025
-115.26	139.30	0.00025	-116.67	137.89	0.00024
-118.09	136.47	0.00024	-119.50	135.06	0.00023
-120.92	133.64	0.00023	-133.64	120.92	0.00020
-135.06	119.50	0.00020	-136.47	118.09	0.00020
-137.89	116.67	0.00020	-139.30	115.26	0.00019
-141.42	113.14	0.00019	-144.96	109.60	0.00019
-148.49	106.07	0.00018	-155.56	98.99	0.00018
-162.63	91.92	0.00018	-169.71	84.85	0.00019
-176.78	77.78	0.00019	-183.85	70.71	0.00020
-190.92	63.64	0.00021	-197.99	56.57	0.00021

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

18:47:39  
 \*\*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	0.00057	-56.57	183.85	0.00054
-63.64	176.78	0.00050	-70.71	169.71	0.00046
-77.78	162.63	0.00042	-84.85	155.56	0.00038
-91.92	148.49	0.00034	-98.99	141.42	0.00031
-102.53	137.89	0.00030	-106.07	134.35	0.00028

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00028	-109.60	130.81	0.00027
-111.02	129.40	0.00027	-112.43	127.99	0.00026
-113.84	126.57	0.00026	-126.57	113.84	0.00022
-127.99	112.43	0.00022	-129.40	111.02	0.00022
-130.81	109.60	0.00022	-132.23	108.19	0.00021
-134.35	106.07	0.00021	-137.89	102.53	0.00021
-141.42	98.99	0.00020	-148.49	91.92	0.00020
-155.56	84.85	0.00020	-162.63	77.78	0.00021
-169.71	70.71	0.00022	-176.78	63.64	0.00023
-183.85	56.57	0.00024	-190.92	49.50	0.00024
-42.43	183.85	0.00065	-49.50	176.78	0.00063
-56.57	169.71	0.00059	-63.64	162.63	0.00054
-70.71	155.56	0.00049	-77.78	148.49	0.00044
-84.85	141.42	0.00039	-91.92	134.35	0.00036
-95.46	130.81	0.00034	-98.99	127.28	0.00032
-101.12	125.16	0.00031	-102.53	123.74	0.00031
-103.94	122.33	0.00030	-105.36	120.92	0.00030
-106.77	119.50	0.00029	-119.50	106.77	0.00025
-120.92	105.36	0.00025	-122.33	103.94	0.00024
-123.74	102.53	0.00024	-125.16	101.12	0.00024
-127.28	98.99	0.00024	-130.81	95.46	0.00023
-134.35	91.92	0.00023	-141.42	84.85	0.00023
-148.49	77.78	0.00023	-155.56	70.71	0.00024
-162.63	63.64	0.00025	-169.71	56.57	0.00026
-176.78	49.50	0.00027	-183.85	42.43	0.00027
-35.36	176.78	0.00074	-42.43	169.71	0.00073
-49.50	162.63	0.00070	-56.57	155.56	0.00065
-63.64	148.49	0.00058	-70.71	141.42	0.00052
-77.78	134.35	0.00046	-84.85	127.28	0.00041
-88.39	123.74	0.00039	-91.92	120.21	0.00037
-94.05	118.09	0.00036	-95.46	116.67	0.00035
-96.87	115.26	0.00034	-98.29	113.84	0.00034
-99.70	112.43	0.00033	-112.43	99.70	0.00028
-113.84	98.29	0.00028	-115.26	96.87	0.00027
-116.67	95.46	0.00027	-118.09	94.05	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 18:47:39  
 \*\*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      \*\*

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00026	-123.74	88.39	0.00026
-127.28	84.85	0.00026	-134.35	77.78	0.00026
-141.42	70.71	0.00026	-148.49	63.64	0.00028
-155.56	56.57	0.00029	-162.63	49.50	0.00030
-169.71	42.43	0.00031	-176.78	35.36	0.00031
-28.28	169.71	0.00083	-35.36	162.63	0.00084
-42.43	155.56	0.00082	-49.50	148.49	0.00078
-56.57	141.42	0.00071	-63.64	134.35	0.00063
-70.71	127.28	0.00055	-77.78	120.21	0.00048
-81.32	116.67	0.00046	-84.85	113.14	0.00043
-86.97	111.02	0.00041	-88.39	109.60	0.00040
-89.80	108.19	0.00039	-91.22	106.77	0.00039
-92.63	105.36	0.00038	-105.36	92.63	0.00032
-106.77	91.22	0.00031	-108.19	89.80	0.00031
-109.60	88.39	0.00030	-111.02	86.97	0.00030
-113.14	84.85	0.00030	-116.67	81.32	0.00029
-120.21	77.78	0.00029	-127.28	70.71	0.00029
-134.35	63.64	0.00031	-141.42	56.57	0.00032
-148.49	49.50	0.00034	-155.56	42.43	0.00035
-162.63	35.36	0.00035	-169.71	28.28	0.00035
-21.21	162.63	0.00093	-28.28	155.56	0.00096
-35.36	148.49	0.00096	-42.43	141.42	0.00093
-49.50	134.35	0.00086	-56.57	127.28	0.00077
-63.64	120.21	0.00067	-70.71	113.14	0.00058
-74.25	109.60	0.00054	-77.78	106.07	0.00051
-79.90	103.94	0.00049	-81.32	102.53	0.00047
-82.73	101.12	0.00046	-84.15	99.70	0.00045
-85.56	98.29	0.00044	-98.29	85.56	0.00036
-99.70	84.15	0.00036	-101.12	82.73	0.00035
-102.53	81.32	0.00035	-103.94	79.90	0.00034
-106.07	77.78	0.00034	-109.60	74.25	0.00033
-113.14	70.71	0.00033	-120.21	63.64	0.00034
-127.28	56.57	0.00036	-134.35	49.50	0.00038
-141.42	42.43	0.00039	-148.49	35.36	0.00040
-155.56	28.28	0.00040	-162.63	21.21	0.00040
-14.14	155.56	0.00102	-21.21	148.49	0.00108
-28.28	141.42	0.00112	-35.36	134.35	0.00112
-42.43	127.28	0.00106	-49.50	120.21	0.00096
-56.57	113.14	0.00083	-63.64	106.07	0.00071
-67.18	102.53	0.00065	-70.71	98.99	0.00060

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:47:39

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00058	-74.25	95.46	0.00056
-75.66	94.05	0.00054	-77.07	92.63	0.00053
-78.49	91.22	0.00051	-91.22	78.49	0.00041
-92.63	77.07	0.00041	-94.05	75.66	0.00040
-95.46	74.25	0.00040	-96.87	72.83	0.00039
-98.99	70.71	0.00039	-102.53	67.18	0.00038
-106.07	63.64	0.00039	-113.14	56.57	0.00041
-120.21	49.50	0.00043	-127.28	42.43	0.00045
-134.35	35.36	0.00046	-141.42	28.28	0.00047
-148.49	21.21	0.00046	-155.56	14.14	0.00046
-7.07	148.49	0.00111	-14.14	141.42	0.00120
-21.21	134.35	0.00128	-28.28	127.28	0.00132
-35.36	120.21	0.00130	-42.43	113.14	0.00122
-49.50	106.07	0.00106	-56.57	98.99	0.00089
-60.10	95.46	0.00081	-63.64	91.92	0.00074
-65.76	89.80	0.00070	-67.18	88.39	0.00068
-68.59	86.97	0.00065	-70.00	85.56	0.00063
-71.42	84.15	0.00061	-84.15	71.42	0.00048
-85.56	70.00	0.00047	-86.97	68.59	0.00046
-88.39	67.18	0.00046	-89.80	65.76	0.00046
-91.92	63.64	0.00045	-95.46	60.10	0.00045
-98.99	56.57	0.00046	-106.07	49.50	0.00049
-113.14	42.43	0.00052	-120.21	35.36	0.00054
-127.28	28.28	0.00055	-134.35	21.21	0.00055
-141.42	14.14	0.00054	-148.49	7.07	0.00054
0.00	141.42	0.00117	-7.07	134.35	0.00130
-14.14	127.28	0.00143	-21.21	120.21	0.00153
-28.28	113.14	0.00157	-35.36	106.07	0.00154
-42.43	98.99	0.00139	-49.50	91.92	0.00116
-53.03	88.39	0.00104	-56.57	84.85	0.00093
-58.69	82.73	0.00088	-60.10	81.32	0.00084
-61.52	79.90	0.00080	-62.93	78.49	0.00077
-64.35	77.07	0.00074	-77.07	64.35	0.00056
-78.49	62.93	0.00055	-79.90	61.52	0.00054
-81.32	60.10	0.00054	-82.73	58.69	0.00053
-84.85	56.57	0.00053	-88.39	53.03	0.00054
-91.92	49.50	0.00056	-98.99	42.43	0.00060

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00063	-113.14	28.28	0.00065
-120.21	21.21	0.00066	-127.28	14.14	0.00065
-134.35	7.07	0.00064	-141.42	0.00	0.00063

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

18:47:39  
 \*\*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	0.00122	0.00	127.28	0.00139
-7.07	120.21	0.00156	-14.14	113.14	0.00172
-21.21	106.07	0.00185	-28.28	98.99	0.00191
-35.36	91.92	0.00183	-42.43	84.85	0.00158
-45.96	81.32	0.00141	-49.50	77.78	0.00123
-51.62	75.66	0.00114	-53.03	74.25	0.00108
-54.45	72.83	0.00102	-55.86	71.42	0.00097
-57.28	70.00	0.00092	-70.00	57.28	0.00066
-71.42	55.86	0.00065	-72.83	54.45	0.00064
-74.25	53.03	0.00064	-75.66	51.62	0.00064
-77.78	49.50	0.00065	-81.32	45.96	0.00067
-84.85	42.43	0.00070	-91.92	35.36	0.00075
-98.99	28.28	0.00079	-106.07	21.21	0.00080
-113.14	14.14	0.00080	-120.21	7.07	0.00079
-127.28	0.00	0.00077	-134.35	-7.07	0.00073
14.14	127.28	0.00126	7.07	120.21	0.00145
0.00	113.14	0.00167	-7.07	106.07	0.00189
-14.14	98.99	0.00211	-21.21	91.92	0.00229
-28.28	84.85	0.00235	-35.36	77.78	0.00218
-38.89	74.25	0.00198	-42.43	70.71	0.00173
-44.55	68.59	0.00157	-45.96	67.18	0.00146
-47.38	65.76	0.00136	-48.79	64.35	0.00127
-50.20	62.93	0.00119	-62.93	50.20	0.00079
-64.35	48.79	0.00078	-65.76	47.38	0.00078
-67.18	45.96	0.00078	-68.59	44.55	0.00079
-70.71	42.43	0.00081	-74.25	38.89	0.00085
-77.78	35.36	0.00089	-84.85	28.28	0.00096
-91.92	21.21	0.00099	-98.99	14.14	0.00100
-106.07	7.07	0.00098	-113.14	0.00	0.00095
-120.21	-7.07	0.00090	-127.28	-14.14	0.00085
21.21	120.21	0.00127	14.14	113.14	0.00149

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00174	0.00	98.99	0.00203
-7.07	91.92	0.00233	-14.14	84.85	0.00263
-21.21	77.78	0.00287	-28.28	70.71	0.00294
-31.82	67.18	0.00283	-35.36	63.64	0.00257
-37.48	61.52	0.00234	-38.89	60.10	0.00216
-40.31	58.69	0.00199	-41.72	57.28	0.00181
-43.13	55.86	0.00164	-55.86	43.13	0.00096
-57.28	41.72	0.00097	-58.69	40.31	0.00098
-60.10	38.89	0.00100	-61.52	37.48	0.00102

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

18:47:39  
 \*\*MODELOPTs:  
 PAGE 70  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00106	-67.18	31.82	0.00112
-70.71	28.28	0.00118	-77.78	21.21	0.00126
-84.85	14.14	0.00128	-91.92	7.07	0.00126
-98.99	0.00	0.00120	-106.07	-7.07	0.00113
-113.14	-14.14	0.00106	-120.21	-21.21	0.00098
28.28	113.14	0.00128	21.21	106.07	0.00151
14.14	98.99	0.00180	7.07	91.92	0.00213
0.00	84.85	0.00251	-7.07	77.78	0.00292
-14.14	70.71	0.00333	-21.21	63.64	0.00368
-24.75	60.10	0.00378	-28.28	56.57	0.00374
-30.41	54.45	0.00360	-31.82	53.03	0.00343
-33.23	51.62	0.00320	-34.65	50.20	0.00292
-36.06	48.79	0.00260	-48.79	36.06	0.00124
-50.20	34.65	0.00127	-51.62	33.23	0.00131
-53.03	31.82	0.00136	-54.45	30.41	0.00140
-56.57	28.28	0.00146	-60.10	24.75	0.00156
-63.64	21.21	0.00163	-70.71	14.14	0.00168
-77.78	7.07	0.00164	-84.85	0.00	0.00155
-91.92	-7.07	0.00145	-98.99	-14.14	0.00133
-106.07	-21.21	0.00122	-113.14	-28.28	0.00112
35.36	106.07	0.00126	28.28	98.99	0.00150
21.21	91.92	0.00181	14.14	84.85	0.00219
7.07	77.78	0.00263	0.00	70.71	0.00315
-7.07	63.64	0.00371	-14.14	56.57	0.00430
-17.68	53.03	0.00458	-21.21	49.50	0.00481



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00490	-24.75	45.96	0.00491
-26.16	44.55	0.00490	-27.58	43.13	0.00480
-28.99	41.72	0.00456	-41.72	28.99	0.00190
-43.13	27.58	0.00197	-44.55	26.16	0.00203
-45.96	24.75	0.00208	-47.38	23.33	0.00212
-49.50	21.21	0.00217	-53.03	17.68	0.00222
-56.57	14.14	0.00223	-63.64	7.07	0.00217
-70.71	0.00	0.00204	-77.78	-7.07	0.00188
-84.85	-14.14	0.00171	-91.92	-21.21	0.00154
-98.99	-28.28	0.00139	-106.07	-35.36	0.00126
42.43	98.99	0.00122	35.36	91.92	0.00146
28.28	84.85	0.00178	21.21	77.78	0.00218
14.14	70.71	0.00268	7.07	63.64	0.00328
0.00	56.57	0.00398	-7.07	49.50	0.00475
-10.61	45.96	0.00516	-14.14	42.43	0.00556

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

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

18:47:39

\*\*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	0.00576	-17.68	38.89	0.00587
-19.09	37.48	0.00595	-20.51	36.06	0.00606
-21.92	34.65	0.00610	-34.65	21.92	0.00341
-36.06	20.51	0.00327	-37.48	19.09	0.00318
-38.89	17.68	0.00312	-40.31	16.26	0.00308
-42.43	14.14	0.00304	-45.96	10.61	0.00298
-49.50	7.07	0.00290	-56.57	0.00	0.00271
-63.64	-7.07	0.00247	-70.71	-14.14	0.00221
-77.78	-21.21	0.00197	-84.85	-28.28	0.00175
-91.92	-35.36	0.00156	-98.99	-42.43	0.00139
49.50	91.92	0.00116	42.43	84.85	0.00140
35.36	77.78	0.00171	28.28	70.71	0.00211
21.21	63.64	0.00263	14.14	56.57	0.00329
7.07	49.50	0.00408	0.00	42.43	0.00496
-3.54	38.89	0.00543	-7.07	35.36	0.00588
-9.19	33.23	0.00611	-10.61	31.82	0.00623
-12.02	30.41	0.00630	-13.44	28.99	0.00636
-14.85	27.58	0.00640	-27.58	14.85	0.00426
-28.99	13.44	0.00414	-30.41	12.02	0.00405

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00397	-33.23	9.19	0.00390
-35.36	7.07	0.00380	-38.89	3.54	0.00364
-42.43	0.00	0.00349	-49.50	-7.07	0.00317
-56.57	-14.14	0.00283	-63.64	-21.21	0.00250
-70.71	-28.28	0.00220	-77.78	-35.36	0.00193
-84.85	-42.43	0.00170	-91.92	-49.50	0.00150
56.57	84.85	0.00109	49.50	77.78	0.00131
42.43	70.71	0.00160	35.36	63.64	0.00198
28.28	56.57	0.00249	21.21	49.50	0.00317
14.14	42.43	0.00401	7.07	35.36	0.00498
3.54	31.82	0.00547	0.00	28.28	0.00594
-2.12	26.16	0.00618	-3.54	24.75	0.00630
-4.95	23.33	0.00638	-6.36	21.92	0.00641
-7.78	20.51	0.00645	-20.51	7.78	0.00459
-21.92	6.36	0.00452	-23.33	4.95	0.00446
-24.75	3.54	0.00442	-26.16	2.12	0.00437
-28.28	0.00	0.00430	-31.82	-3.54	0.00415
-35.36	-7.07	0.00397	-42.43	-14.14	0.00356
-49.50	-21.21	0.00313	-56.57	-28.28	0.00273
-63.64	-35.36	0.00237	-70.71	-42.43	0.00207
-77.78	-49.50	0.00181	-84.85	-56.57	0.00158

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

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

18:47:39

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00101	56.57	70.71	0.00121
49.50	63.64	0.00146	42.43	56.57	0.00181
35.36	49.50	0.00228	28.28	42.43	0.00293
21.21	35.36	0.00379	14.14	28.28	0.00482
10.61	24.75	0.00535	7.07	21.21	0.00584
4.95	19.09	0.00609	3.54	17.68	0.00623
2.12	16.26	0.00633	0.71	14.85	0.00637
-0.71	13.44	0.00641	-13.44	0.71	0.00474
-14.85	-0.71	0.00469	-16.26	-2.12	0.00466
-17.68	-3.54	0.00463	-19.09	-4.95	0.00460
-21.21	-7.07	0.00455	-24.75	-10.61	0.00443
-28.28	-14.14	0.00426	-35.36	-21.21	0.00383
-42.43	-28.28	0.00336	-49.50	-35.36	0.00291

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00251	-63.64	-49.50	0.00216
-70.71	-56.57	0.00187	-77.78	-63.64	0.00163
70.71	70.71	0.00093	63.64	63.64	0.00110
56.57	56.57	0.00132	49.50	49.50	0.00162
42.43	42.43	0.00203	35.36	35.36	0.00260
28.28	28.28	0.00340	21.21	21.21	0.00446
17.68	17.68	0.00504	14.14	14.14	0.00560
12.02	12.02	0.00588	10.61	10.61	0.00604
9.19	9.19	0.00616	7.78	7.78	0.00623
6.36	6.36	0.00627	-6.36	-6.36	0.00480
-7.78	-7.78	0.00476	-9.19	-9.19	0.00473
-10.61	-10.61	0.00471	-12.02	-12.02	0.00469
-14.14	-14.14	0.00465	-17.68	-17.68	0.00454
-21.21	-21.21	0.00438	-28.28	-28.28	0.00396
-35.36	-35.36	0.00348	-42.43	-42.43	0.00300
-49.50	-49.50	0.00257	-56.57	-56.57	0.00221
-63.64	-63.64	0.00190	-70.71	-70.71	0.00165
77.78	63.64	0.00084	70.71	56.57	0.00099
63.64	49.50	0.00118	56.57	42.43	0.00143
49.50	35.36	0.00176	42.43	28.28	0.00222
35.36	21.21	0.00289	28.28	14.14	0.00387
24.75	10.61	0.00449	21.21	7.07	0.00513
19.09	4.95	0.00548	17.68	3.54	0.00568
16.26	2.12	0.00585	14.85	0.71	0.00596
13.44	-0.71	0.00603	0.71	-13.44	0.00477
-0.71	-14.85	0.00473	-2.12	-16.26	0.00472
-3.54	-17.68	0.00470	-4.95	-19.09	0.00467

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	0.00463	-10.61	-24.75	0.00451
-14.14	-28.28	0.00435	-21.21	-35.36	0.00394
-28.28	-42.43	0.00346	-35.36	-49.50	0.00299
-42.43	-56.57	0.00256	-49.50	-63.64	0.00220
-56.57	-70.71	0.00189	-63.64	-77.78	0.00164
84.85	56.57	0.00075	77.78	49.50	0.00087
70.71	42.43	0.00103	63.64	35.36	0.00123

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00149	49.50	21.21	0.00185
42.43	14.14	0.00234	35.36	7.07	0.00310
31.82	3.54	0.00363	28.28	0.00	0.00429
26.16	-2.12	0.00472	24.75	-3.54	0.00499
23.33	-4.95	0.00524	21.92	-6.36	0.00543
20.51	-7.78	0.00559	7.78	-20.51	0.00466
6.36	-21.92	0.00461	4.95	-23.33	0.00459
3.54	-24.75	0.00456	2.12	-26.16	0.00453
0.00	-28.28	0.00447	-3.54	-31.82	0.00434
-7.07	-35.36	0.00417	-14.14	-42.43	0.00376
-21.21	-49.50	0.00331	-28.28	-56.57	0.00287
-35.36	-63.64	0.00247	-42.43	-70.71	0.00213
-49.50	-77.78	0.00184	-56.57	-84.85	0.00160
91.92	49.50	0.00066	84.85	42.43	0.00076
77.78	35.36	0.00088	70.71	28.28	0.00104
63.64	21.21	0.00124	56.57	14.14	0.00149
49.50	7.07	0.00183	42.43	0.00	0.00232
38.89	-3.54	0.00266	35.36	-7.07	0.00311
33.23	-9.19	0.00345	31.82	-10.61	0.00372
30.41	-12.02	0.00401	28.99	-13.44	0.00433
27.58	-14.85	0.00463	14.85	-27.58	0.00442
13.44	-28.99	0.00435	12.02	-30.41	0.00430
10.61	-31.82	0.00425	9.19	-33.23	0.00420
7.07	-35.36	0.00412	3.54	-38.89	0.00397
0.00	-42.43	0.00380	-7.07	-49.50	0.00342
-14.14	-56.57	0.00303	-21.21	-63.64	0.00266
-28.28	-70.71	0.00232	-35.36	-77.78	0.00201
-42.43	-84.85	0.00175	-49.50	-91.92	0.00153
98.99	42.43	0.00057	91.92	35.36	0.00064
84.85	28.28	0.00074	77.78	21.21	0.00085
70.71	14.14	0.00099	63.64	7.07	0.00116
56.57	0.00	0.00137	49.50	-7.07	0.00164
45.96	-10.61	0.00181	42.43	-14.14	0.00200

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	0.00212	38.89	-17.68	0.00221

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00232	36.06	-20.51	0.00246
34.65	-21.92	0.00266	21.92	-34.65	0.00378
20.51	-36.06	0.00368	19.09	-37.48	0.00360
17.68	-38.89	0.00355	16.26	-40.31	0.00351
14.14	-42.43	0.00345	10.61	-45.96	0.00334
7.07	-49.50	0.00323	0.00	-56.57	0.00297
-7.07	-63.64	0.00267	-14.14	-70.71	0.00238
-21.21	-77.78	0.00210	-28.28	-84.85	0.00185
-35.36	-91.92	0.00163	-42.43	-98.99	0.00144
106.07	35.36	0.00048	98.99	28.28	0.00054
91.92	21.21	0.00061	84.85	14.14	0.00069
77.78	7.07	0.00078	70.71	0.00	0.00088
63.64	-7.07	0.00099	56.57	-14.14	0.00110
53.03	-17.68	0.00115	49.50	-21.21	0.00118
47.38	-23.33	0.00119	45.96	-24.75	0.00119
44.55	-26.16	0.00118	43.13	-27.58	0.00117
41.72	-28.99	0.00116	28.99	-41.72	0.00224
27.58	-43.13	0.00236	26.16	-44.55	0.00244
24.75	-45.96	0.00250	23.33	-47.38	0.00254
21.21	-49.50	0.00258	17.68	-53.03	0.00260
14.14	-56.57	0.00257	7.07	-63.64	0.00244
0.00	-70.71	0.00226	-7.07	-77.78	0.00205
-14.14	-84.85	0.00185	-21.21	-91.92	0.00166
-28.28	-98.99	0.00148	-35.36	-106.07	0.00132
113.14	28.28	0.00041	106.07	21.21	0.00046
98.99	14.14	0.00050	91.92	7.07	0.00055
84.85	0.00	0.00061	77.78	-7.07	0.00066
70.71	-14.14	0.00071	63.64	-21.21	0.00075
60.10	-24.75	0.00076	56.57	-28.28	0.00075
54.45	-30.41	0.00075	53.03	-31.82	0.00075
51.62	-33.23	0.00076	50.20	-34.65	0.00076
48.79	-36.06	0.00078	36.06	-48.79	0.00136
34.65	-50.20	0.00146	33.23	-51.62	0.00155
31.82	-53.03	0.00163	30.41	-54.45	0.00171
28.28	-56.57	0.00181	24.75	-60.10	0.00192
21.21	-63.64	0.00197	14.14	-70.71	0.00197
7.07	-77.78	0.00188	0.00	-84.85	0.00175
-7.07	-91.92	0.00161	-14.14	-98.99	0.00146
-21.21	-106.07	0.00133	-28.28	-113.14	0.00120

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

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	0.00035	113.14	14.14	0.00038	
106.07	7.07	0.00041	98.99	0.00	0.00045	
91.92	-7.07	0.00048	84.85	-14.14	0.00051	
77.78	-21.21	0.00053	70.71	-28.28	0.00054	
67.18	-31.82	0.00054	63.64	-35.36	0.00054	
61.52	-37.48	0.00055	60.10	-38.89	0.00056	
58.69	-40.31	0.00057	57.28	-41.72	0.00059	
55.86	-43.13	0.00061	43.13	-55.86	0.00097	
41.72	-57.28	0.00103	40.31	-58.69	0.00108	
38.89	-60.10	0.00113	37.48	-61.52	0.00119	
35.36	-63.64	0.00126	31.82	-67.18	0.00136	
28.28	-70.71	0.00144	21.21	-77.78	0.00153	
14.14	-84.85	0.00152	7.07	-91.92	0.00146	
0.00	-98.99	0.00138	-7.07	-106.07	0.00128	
-14.14	-113.14	0.00118	-21.21	-120.21	0.00109	
127.28	14.14	0.00030	120.21	7.07	0.00032	
113.14	0.00	0.00034	106.07	-7.07	0.00036	
98.99	-14.14	0.00038	91.92	-21.21	0.00039	
84.85	-28.28	0.00040	77.78	-35.36	0.00041	
74.25	-38.89	0.00042	70.71	-42.43	0.00043	
68.59	-44.55	0.00044	67.18	-45.96	0.00046	
65.76	-47.38	0.00047	64.35	-48.79	0.00048	
62.93	-50.20	0.00050	50.20	-62.93	0.00074	
48.79	-64.35	0.00078	47.38	-65.76	0.00081	
45.96	-67.18	0.00085	44.55	-68.59	0.00088	
42.43	-70.71	0.00093	38.89	-74.25	0.00100	
35.36	-77.78	0.00106	28.28	-84.85	0.00116	
21.21	-91.92	0.00120	14.14	-98.99	0.00120	
7.07	-106.07	0.00116	0.00	-113.14	0.00111	
-7.07	-120.21	0.00104	-14.14	-127.28	0.00097	
134.35	7.07	0.00026	127.28	0.00	0.00027	
120.21	-7.07	0.00029	113.14	-14.14	0.00030	
106.07	-21.21	0.00031	98.99	-28.28	0.00031	
91.92	-35.36	0.00032	84.85	-42.43	0.00033	
81.32	-45.96	0.00034	77.78	-49.50	0.00036	
75.66	-51.62	0.00037	74.25	-53.03	0.00038	
72.83	-54.45	0.00039	71.42	-55.86	0.00041	
70.00	-57.28	0.00042	57.28	-70.00	0.00058	
55.86	-71.42	0.00061	54.45	-72.83	0.00064	

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

53.03 -74.25 0.00066 51.62 -75.66 0.00069

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

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

18:47:39

\*\*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	0.00072	45.96	-81.32	0.00077
42.43	-84.85	0.00082	35.36	-91.92	0.00089
28.28	-98.99	0.00094	21.21	-106.07	0.00096
14.14	-113.14	0.00096	7.07	-120.21	0.00094
0.00	-127.28	0.00090	-7.07	-134.35	0.00086
141.42	0.00	0.00022	134.35	-7.07	0.00023
127.28	-14.14	0.00024	120.21	-21.21	0.00024
113.14	-28.28	0.00025	106.07	-35.36	0.00025
98.99	-42.43	0.00026	91.92	-49.50	0.00028
88.39	-53.03	0.00029	84.85	-56.57	0.00030
82.73	-58.69	0.00032	81.32	-60.10	0.00033
79.90	-61.52	0.00034	78.49	-62.93	0.00035
77.07	-64.35	0.00036	64.35	-77.07	0.00047
62.93	-78.49	0.00049	61.52	-79.90	0.00051
60.10	-81.32	0.00053	58.69	-82.73	0.00055
56.57	-84.85	0.00057	53.03	-88.39	0.00061
49.50	-91.92	0.00065	42.43	-98.99	0.00070
35.36	-106.07	0.00074	28.28	-113.14	0.00077
21.21	-120.21	0.00079	14.14	-127.28	0.00079
7.07	-134.35	0.00077	0.00	-141.42	0.00075
148.49	-7.07	0.00019	141.42	-14.14	0.00020
134.35	-21.21	0.00020	127.28	-28.28	0.00020
120.21	-35.36	0.00021	113.14	-42.43	0.00021
106.07	-49.50	0.00022	98.99	-56.57	0.00024
95.46	-60.10	0.00025	91.92	-63.64	0.00026
89.80	-65.76	0.00027	88.39	-67.18	0.00028
86.97	-68.59	0.00029	85.56	-70.00	0.00030
84.15	-71.42	0.00031	71.42	-84.15	0.00039
70.00	-85.56	0.00040	68.59	-86.97	0.00042
67.18	-88.39	0.00043	65.76	-89.80	0.00045
63.64	-91.92	0.00047	60.10	-95.46	0.00050
56.57	-98.99	0.00052	49.50	-106.07	0.00057
42.43	-113.14	0.00060	35.36	-120.21	0.00063

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00065	21.21	-134.35	0.00066
14.14	-141.42	0.00066	7.07	-148.49	0.00065
155.56	-14.14	0.00016	148.49	-21.21	0.00017
141.42	-28.28	0.00017	134.35	-35.36	0.00017
127.28	-42.43	0.00018	120.21	-49.50	0.00018
113.14	-56.57	0.00019	106.07	-63.64	0.00021
102.53	-67.18	0.00022	98.99	-70.71	0.00023

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00024	95.46	-74.25	0.00024
94.05	-75.66	0.00025	92.63	-77.07	0.00026
91.22	-78.49	0.00026	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	0.00041
63.64	-106.07	0.00043	56.57	-113.14	0.00047
49.50	-120.21	0.00050	42.43	-127.28	0.00052
35.36	-134.35	0.00054	28.28	-141.42	0.00055
21.21	-148.49	0.00056	14.14	-155.56	0.00056
162.63	-21.21	0.00014	155.56	-28.28	0.00014
148.49	-35.36	0.00015	141.42	-42.43	0.00015
134.35	-49.50	0.00015	127.28	-56.57	0.00016
120.21	-63.64	0.00017	113.14	-70.71	0.00018
109.60	-74.25	0.00019	106.07	-77.78	0.00020
103.94	-79.90	0.00021	102.53	-81.32	0.00021
101.12	-82.73	0.00022	99.70	-84.15	0.00023
98.29	-85.56	0.00023	85.56	-98.29	0.00028
84.15	-99.70	0.00029	82.73	-101.12	0.00030
81.32	-102.53	0.00030	79.90	-103.94	0.00031
77.78	-106.07	0.00032	74.25	-109.60	0.00034
70.71	-113.14	0.00036	63.64	-120.21	0.00039
56.57	-127.28	0.00042	49.50	-134.35	0.00044
42.43	-141.42	0.00045	35.36	-148.49	0.00046
28.28	-155.56	0.00047	21.21	-162.63	0.00048
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00013



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00013	134.35	-63.64	0.00014
127.28	-70.71	0.00015	120.21	-77.78	0.00016
116.67	-81.32	0.00017	113.14	-84.85	0.00018
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00019	106.77	-91.22	0.00020
105.36	-92.63	0.00020	92.63	-105.36	0.00024
91.22	-106.77	0.00025	89.80	-108.19	0.00025
88.39	-109.60	0.00026	86.97	-111.02	0.00027
84.85	-113.14	0.00028	81.32	-116.67	0.00029
77.78	-120.21	0.00031	70.71	-127.28	0.00034
63.64	-134.35	0.00036	56.57	-141.42	0.00037
49.50	-148.49	0.00038	42.43	-155.56	0.00040
35.36	-162.63	0.00040	28.28	-169.71	0.00041

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

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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	0.00011	155.56	-56.57	0.00012
148.49	-63.64	0.00012	141.42	-70.71	0.00013
134.35	-77.78	0.00013	127.28	-84.85	0.00015
123.74	-88.39	0.00015	120.21	-91.92	0.00016
118.09	-94.05	0.00017	116.67	-95.46	0.00017
115.26	-96.87	0.00017	113.84	-98.29	0.00018
112.43	-99.70	0.00018	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	0.00025
84.85	-127.28	0.00027	77.78	-134.35	0.00029
70.71	-141.42	0.00031	63.64	-148.49	0.00032
56.57	-155.56	0.00033	49.50	-162.63	0.00034
42.43	-169.71	0.00035	35.36	-176.78	0.00036
183.85	-42.43	0.00010	176.78	-49.50	0.00010
169.71	-56.57	0.00010	162.63	-63.64	0.00010
155.56	-70.71	0.00011	148.49	-77.78	0.00011
141.42	-84.85	0.00012	134.35	-91.92	0.00013
130.81	-95.46	0.00014	127.28	-98.99	0.00014
125.16	-101.12	0.00015	123.74	-102.53	0.00015

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00015	120.92	-105.36	0.00016
119.50	-106.77	0.00016	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	0.00025
77.78	-148.49	0.00027	70.71	-155.56	0.00028
63.64	-162.63	0.00029	56.57	-169.71	0.00030
49.50	-176.78	0.00030	42.43	-183.85	0.00031
190.92	-49.50	0.00009	183.85	-56.57	0.00009
176.78	-63.64	0.00009	169.71	-70.71	0.00009
162.63	-77.78	0.00010	155.56	-84.85	0.00010
148.49	-91.92	0.00011	141.42	-98.99	0.00012
137.89	-102.53	0.00012	134.35	-106.07	0.00013
132.23	-108.19	0.00013	130.81	-109.60	0.00014
129.40	-111.02	0.00014	127.99	-112.43	0.00014
126.57	-113.84	0.00014	113.84	-126.57	0.00017
112.43	-127.99	0.00017	111.02	-129.40	0.00017
109.60	-130.81	0.00017	108.19	-132.23	0.00018

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00023	77.78	-162.63	0.00024
70.71	-169.71	0.00025	63.64	-176.78	0.00026
56.57	-183.85	0.00027	49.50	-190.92	0.00027
197.99	-56.57	0.00008	190.92	-63.64	0.00008
183.85	-70.71	0.00008	176.78	-77.78	0.00009
169.71	-84.85	0.00009	162.63	-91.92	0.00009
155.56	-98.99	0.00010	148.49	-106.07	0.00011
144.96	-109.60	0.00011	141.42	-113.14	0.00012
139.30	-115.26	0.00012	137.89	-116.67	0.00012
136.47	-118.09	0.00013	135.06	-119.50	0.00013
133.64	-120.92	0.00013	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

18NCRA\_NAPA97-300\_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	0.00019
91.92	-162.63	0.00021	84.85	-169.71	0.00022
77.78	-176.78	0.00022	70.71	-183.85	0.00023
63.64	-190.92	0.00024	56.57	-197.99	0.00024
205.06	-63.64	0.00007	197.99	-70.71	0.00007
190.92	-77.78	0.00008	183.85	-84.85	0.00008
176.78	-91.92	0.00008	169.71	-98.99	0.00009
162.63	-106.07	0.00009	155.56	-113.14	0.00010
152.03	-116.67	0.00010	148.49	-120.21	0.00011
146.37	-122.33	0.00011	144.96	-123.74	0.00011
143.54	-125.16	0.00011	142.13	-126.57	0.00012
140.71	-127.99	0.00012	127.99	-140.71	0.00013
126.57	-142.13	0.00013	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	0.00018	91.92	-176.78	0.00019
84.85	-183.85	0.00020	77.78	-190.92	0.00021
70.71	-197.99	0.00021	63.64	-205.06	0.00022
212.13	-70.71	0.00006	205.06	-77.78	0.00007
197.99	-84.85	0.00007	190.92	-91.92	0.00007
183.85	-98.99	0.00008	176.78	-106.07	0.00008
169.71	-113.14	0.00009	162.63	-120.21	0.00009
159.10	-123.74	0.00010	155.56	-127.28	0.00010

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00010	152.03	-130.81	0.00010
150.61	-132.23	0.00010	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	0.00015
106.07	-176.78	0.00016	98.99	-183.85	0.00017
91.92	-190.92	0.00018	84.85	-197.99	0.00018

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

18:47:39

\*\*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 ,

18NCRA\_NAPA97-300\_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	0.00009
141.42	-212.13	0.00010	134.35	-219.20	0.00011
127.28	-226.27	0.00011	120.21	-233.35	0.00011
113.14	-240.42	0.00012	106.07	-247.49	0.00012

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

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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	0.00065	-113.14	240.42	0.00063
-120.21	233.35	0.00059	-127.28	226.27	0.00054
-134.35	219.20	0.00049	-141.42	212.13	0.00044
-148.49	205.06	0.00039	-155.56	197.99	0.00036
-159.10	194.45	0.00034	-162.63	190.92	0.00032
-164.76	188.80	0.00031	-166.17	187.38	0.00031
-167.58	185.97	0.00030	-169.00	184.55	0.00030
-170.41	183.14	0.00029	-183.14	170.41	0.00025
-184.55	169.00	0.00025	-185.97	167.58	0.00024
-187.38	166.17	0.00024	-188.80	164.76	0.00024
-190.92	162.63	0.00024	-194.45	159.10	0.00023
-197.99	155.56	0.00023	-205.06	148.49	0.00023
-212.13	141.42	0.00023	-219.20	134.35	0.00024
-226.27	127.28	0.00025	-233.35	120.21	0.00026
-240.42	113.14	0.00027	-247.49	106.07	0.00027
-98.99	240.42	0.00074	-106.07	233.35	0.00073
-113.14	226.27	0.00070	-120.21	219.20	0.00065
-127.28	212.13	0.00058	-134.35	205.06	0.00052
-141.42	197.99	0.00046	-148.49	190.92	0.00041
-152.03	187.38	0.00039	-155.56	183.85	0.00037
-157.68	181.73	0.00036	-159.10	180.31	0.00035
-160.51	178.90	0.00034	-161.93	177.48	0.00034
-163.34	176.07	0.00033	-176.07	163.34	0.00028
-177.48	161.93	0.00028	-178.90	160.51	0.00027
-180.31	159.10	0.00027	-181.73	157.68	0.00027
-183.85	155.56	0.00026	-187.38	152.03	0.00026

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00026
-205.06	134.35	0.00026	-212.13	127.28	0.00028
-219.20	120.21	0.00029	-226.27	113.14	0.00030
-233.35	106.07	0.00031	-240.42	98.99	0.00031
-91.92	233.35	0.00083	-99.00	226.27	0.00084
-106.07	219.20	0.00082	-113.14	212.13	0.00078
-120.21	205.06	0.00071	-127.28	197.99	0.00063
-134.35	190.92	0.00055	-141.42	183.85	0.00048
-144.96	180.31	0.00046	-148.49	176.78	0.00043
-150.61	174.66	0.00041	-152.03	173.24	0.00040
-153.44	171.83	0.00039	-154.86	170.41	0.00039
-156.27	169.00	0.00038	-169.00	156.27	0.00032
-170.41	154.86	0.00031	-171.83	153.44	0.00031
-173.24	152.03	0.00030	-174.66	150.61	0.00030

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

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

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\*\*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	0.00030	-180.31	144.96	0.00029
-183.85	141.42	0.00029	-190.92	134.35	0.00029
-197.99	127.28	0.00031	-205.06	120.21	0.00032
-212.13	113.14	0.00034	-219.20	106.07	0.00035
-226.27	98.99	0.00035	-233.35	91.92	0.00035
-84.85	226.27	0.00093	-91.92	219.20	0.00096
-99.00	212.13	0.00096	-106.07	205.06	0.00093
-113.14	197.99	0.00086	-120.21	190.92	0.00077
-127.28	183.85	0.00067	-134.35	176.78	0.00058
-137.89	173.24	0.00054	-141.42	169.71	0.00051
-143.54	167.58	0.00049	-144.96	166.17	0.00047
-146.37	164.76	0.00046	-147.79	163.34	0.00045
-149.20	161.93	0.00044	-161.93	149.20	0.00036
-163.34	147.79	0.00036	-164.76	146.37	0.00035
-166.17	144.96	0.00035	-167.58	143.54	0.00034
-169.71	141.42	0.00034	-173.24	137.89	0.00033
-176.78	134.35	0.00033	-183.85	127.28	0.00034
-190.92	120.21	0.00036	-197.99	113.14	0.00038
-205.06	106.07	0.00039	-212.13	98.99	0.00040
-219.20	91.92	0.00040	-226.27	84.85	0.00040

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00102	-84.85	212.13	0.00108
-91.92	205.06	0.00112	-99.00	197.99	0.00112
-106.07	190.92	0.00106	-113.14	183.85	0.00096
-120.21	176.78	0.00083	-127.28	169.71	0.00071
-130.81	166.17	0.00065	-134.35	162.63	0.00060
-136.47	160.51	0.00058	-137.89	159.10	0.00056
-139.30	157.68	0.00054	-140.71	156.27	0.00053
-142.13	154.86	0.00051	-154.86	142.13	0.00041
-156.27	140.71	0.00041	-157.68	139.30	0.00040
-159.10	137.89	0.00040	-160.51	136.47	0.00039
-162.63	134.35	0.00039	-166.17	130.81	0.00038
-169.71	127.28	0.00039	-176.78	120.21	0.00041
-183.85	113.14	0.00043	-190.92	106.07	0.00045
-197.99	98.99	0.00046	-205.06	91.92	0.00047
-212.13	84.85	0.00046	-219.20	77.78	0.00046
-70.71	212.13	0.00111	-77.78	205.06	0.00120
-84.85	197.99	0.00128	-91.92	190.92	0.00132
-98.99	183.85	0.00130	-106.07	176.78	0.00122
-113.14	169.71	0.00106	-120.21	162.63	0.00089
-123.74	159.10	0.00081	-127.28	155.56	0.00074

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00070	-130.81	152.03	0.00068
-132.23	150.61	0.00065	-133.64	149.20	0.00063
-135.06	147.79	0.00061	-147.79	135.06	0.00048
-149.20	133.64	0.00047	-150.61	132.23	0.00046
-152.03	130.81	0.00046	-153.44	129.40	0.00046
-155.56	127.28	0.00045	-159.10	123.74	0.00045
-162.63	120.21	0.00046	-169.71	113.14	0.00049
-176.78	106.07	0.00052	-183.85	98.99	0.00054
-190.92	91.92	0.00055	-197.99	84.85	0.00055
-205.06	77.78	0.00054	-212.13	70.71	0.00054
-63.64	205.06	0.00117	-70.71	197.99	0.00130
-77.78	190.92	0.00143	-84.85	183.85	0.00153
-91.92	176.78	0.00157	-98.99	169.71	0.00154
-106.07	162.63	0.00139	-113.14	155.56	0.00116



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00104	-120.21	148.49	0.00093
-122.33	146.37	0.00088	-123.74	144.96	0.00084
-125.16	143.54	0.00080	-126.57	142.13	0.00077
-127.99	140.71	0.00074	-140.71	127.99	0.00056
-142.13	126.57	0.00055	-143.54	125.16	0.00054
-144.96	123.74	0.00054	-146.37	122.33	0.00053
-148.49	120.21	0.00053	-152.03	116.67	0.00054
-155.56	113.14	0.00056	-162.63	106.07	0.00060
-169.71	98.99	0.00063	-176.78	91.92	0.00065
-183.85	84.85	0.00066	-190.92	77.78	0.00065
-197.99	70.71	0.00064	-205.06	63.64	0.00063
-56.57	197.99	0.00122	-63.64	190.92	0.00139
-70.71	183.85	0.00156	-77.78	176.78	0.00172
-84.85	169.71	0.00185	-91.92	162.63	0.00191
-98.99	155.56	0.00183	-106.07	148.49	0.00158
-109.60	144.96	0.00141	-113.14	141.42	0.00123
-115.26	139.30	0.00114	-116.67	137.89	0.00108
-118.09	136.47	0.00102	-119.50	135.06	0.00097
-120.92	133.64	0.00092	-133.64	120.92	0.00066
-135.06	119.50	0.00065	-136.47	118.09	0.00064
-137.89	116.67	0.00064	-139.30	115.26	0.00064
-141.42	113.14	0.00065	-144.96	109.60	0.00067
-148.49	106.07	0.00070	-155.56	98.99	0.00075
-162.63	91.92	0.00079	-169.71	84.85	0.00080
-176.78	77.78	0.00080	-183.85	70.71	0.00079
-190.92	63.64	0.00077	-197.99	56.57	0.00073

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
-49.50	190.92	0.00126	-56.57	183.85	0.00145
-63.64	176.78	0.00167	-70.71	169.71	0.00189
-77.78	162.63	0.00211	-84.85	155.56	0.00229
-91.92	148.49	0.00235	-98.99	141.42	0.00218
-102.53	137.89	0.00198	-106.07	134.35	0.00173
-108.19	132.23	0.00157	-109.60	130.81	0.00146
-111.02	129.40	0.00136	-112.43	127.99	0.00127
-113.84	126.57	0.00119	-126.57	113.84	0.00079

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00078	-129.40	111.02	0.00078
-130.81	109.60	0.00078	-132.23	108.19	0.00079
-134.35	106.07	0.00081	-137.89	102.53	0.00085
-141.42	98.99	0.00089	-148.49	91.92	0.00096
-155.56	84.85	0.00099	-162.63	77.78	0.00100
-169.71	70.71	0.00098	-176.78	63.64	0.00095
-183.85	56.57	0.00090	-190.92	49.50	0.00085
-42.43	183.85	0.00127	-49.50	176.78	0.00149
-56.57	169.71	0.00174	-63.64	162.63	0.00203
-70.71	155.56	0.00233	-77.78	148.49	0.00263
-84.85	141.42	0.00287	-91.92	134.35	0.00294
-95.46	130.81	0.00283	-98.99	127.28	0.00257
-101.12	125.16	0.00234	-102.53	123.74	0.00216
-103.94	122.33	0.00199	-105.36	120.92	0.00181
-106.77	119.50	0.00164	-119.50	106.77	0.00096
-120.92	105.36	0.00097	-122.33	103.94	0.00098
-123.74	102.53	0.00100	-125.16	101.12	0.00102
-127.28	98.99	0.00106	-130.81	95.46	0.00112
-134.35	91.92	0.00118	-141.42	84.85	0.00126
-148.49	77.78	0.00128	-155.56	70.71	0.00126
-162.63	63.64	0.00120	-169.71	56.57	0.00113
-176.78	49.50	0.00106	-183.85	42.43	0.00098
-35.36	176.78	0.00128	-42.43	169.71	0.00151
-49.50	162.63	0.00180	-56.57	155.56	0.00213
-63.64	148.49	0.00251	-70.71	141.42	0.00292
-77.78	134.35	0.00333	-84.85	127.28	0.00368
-88.39	123.74	0.00378	-91.92	120.21	0.00374
-94.05	118.09	0.00360	-95.46	116.67	0.00343
-96.87	115.26	0.00320	-98.29	113.84	0.00292
-99.70	112.43	0.00260	-112.43	99.70	0.00124
-113.84	98.29	0.00127	-115.26	96.87	0.00131
-116.67	95.46	0.00136	-118.09	94.05	0.00140

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
-120.21	91.92	0.00146	-123.74	88.39	0.00156
-127.28	84.85	0.00163	-134.35	77.78	0.00168

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00164	-148.49	63.64	0.00155
-155.56	56.57	0.00145	-162.63	49.50	0.00133
-169.71	42.43	0.00122	-176.78	35.36	0.00112
-28.28	169.71	0.00126	-35.36	162.63	0.00150
-42.43	155.56	0.00181	-49.50	148.49	0.00219
-56.57	141.42	0.00263	-63.64	134.35	0.00315
-70.71	127.28	0.00371	-77.78	120.21	0.00430
-81.32	116.67	0.00458	-84.85	113.14	0.00481
-86.97	111.02	0.00490	-88.39	109.60	0.00491
-89.80	108.19	0.00490	-91.22	106.77	0.00480
-92.63	105.36	0.00456	-105.36	92.63	0.00190
-106.77	91.22	0.00197	-108.19	89.80	0.00203
-109.60	88.39	0.00208	-111.02	86.97	0.00212
-113.14	84.85	0.00217	-116.67	81.32	0.00222
-120.21	77.78	0.00223	-127.28	70.71	0.00217
-134.35	63.64	0.00204	-141.42	56.57	0.00188
-148.49	49.50	0.00171	-155.56	42.43	0.00154
-162.63	35.36	0.00139	-169.71	28.28	0.00126
-21.21	162.63	0.00122	-28.28	155.56	0.00146
-35.36	148.49	0.00178	-42.43	141.42	0.00218
-49.50	134.35	0.00268	-56.57	127.28	0.00328
-63.64	120.21	0.00398	-70.71	113.14	0.00475
-74.25	109.60	0.00516	-77.78	106.07	0.00556
-79.90	103.94	0.00576	-81.32	102.53	0.00587
-82.73	101.12	0.00595	-84.15	99.70	0.00606
-85.56	98.29	0.00610	-98.29	85.56	0.00341
-99.70	84.15	0.00327	-101.12	82.73	0.00318
-102.53	81.32	0.00312	-103.94	79.90	0.00308
-106.07	77.78	0.00304	-109.60	74.25	0.00298
-113.14	70.71	0.00290	-120.21	63.64	0.00271
-127.28	56.57	0.00247	-134.35	49.50	0.00221
-141.42	42.43	0.00197	-148.49	35.36	0.00175
-155.56	28.28	0.00156	-162.63	21.21	0.00139
-14.14	155.56	0.00116	-21.21	148.49	0.00140
-28.28	141.42	0.00171	-35.36	134.35	0.00211
-42.43	127.28	0.00263	-49.50	120.21	0.00329
-56.57	113.14	0.00408	-63.64	106.07	0.00496
-67.18	102.53	0.00543	-70.71	98.99	0.00588

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

\*\*\*

18NCRA\_NAPA97-300\_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	0.00611	-74.25	95.46	0.00623
-75.66	94.05	0.00630	-77.07	92.63	0.00636
-78.49	91.22	0.00640	-91.22	78.49	0.00426
-92.63	77.07	0.00414	-94.05	75.66	0.00405
-95.46	74.25	0.00397	-96.87	72.83	0.00390
-98.99	70.71	0.00380	-102.53	67.18	0.00364
-106.07	63.64	0.00349	-113.14	56.57	0.00317
-120.21	49.50	0.00283	-127.28	42.43	0.00250
-134.35	35.36	0.00220	-141.42	28.28	0.00193
-148.49	21.21	0.00170	-155.56	14.14	0.00150
-7.07	148.49	0.00109	-14.14	141.42	0.00131
-21.21	134.35	0.00160	-28.28	127.28	0.00198
-35.36	120.21	0.00249	-42.43	113.14	0.00317
-49.50	106.07	0.00401	-56.57	98.99	0.00498
-60.10	95.46	0.00547	-63.64	91.92	0.00594
-65.76	89.80	0.00618	-67.18	88.39	0.00630
-68.59	86.97	0.00638	-70.00	85.56	0.00641
-71.42	84.15	0.00645	-84.15	71.42	0.00459
-85.56	70.00	0.00452	-86.97	68.59	0.00446
-88.39	67.18	0.00442	-89.80	65.76	0.00437
-91.92	63.64	0.00430	-95.46	60.10	0.00415
-98.99	56.57	0.00397	-106.07	49.50	0.00356
-113.14	42.43	0.00313	-120.21	35.36	0.00273
-127.28	28.28	0.00237	-134.35	21.21	0.00207
-141.42	14.14	0.00181	-148.49	7.07	0.00158
0.00	141.42	0.00101	-7.07	134.35	0.00121
-14.14	127.28	0.00146	-21.21	120.21	0.00181
-28.28	113.14	0.00228	-35.36	106.07	0.00293
-42.43	98.99	0.00379	-49.50	91.92	0.00482
-53.03	88.39	0.00535	-56.57	84.85	0.00584
-58.69	82.73	0.00609	-60.10	81.32	0.00623
-61.52	79.90	0.00633	-62.93	78.49	0.00637
-64.35	77.07	0.00641	-77.07	64.35	0.00474
-78.49	62.93	0.00469	-79.90	61.52	0.00466
-81.32	60.10	0.00463	-82.73	58.69	0.00460
-84.85	56.57	0.00455	-88.39	53.03	0.00443
-91.92	49.50	0.00426	-98.99	42.43	0.00383
-106.07	35.36	0.00336	-113.14	28.28	0.00291
-120.21	21.21	0.00251	-127.28	14.14	0.00216
-134.35	7.07	0.00187	-141.42	0.00	0.00163

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	0.00093	0.00	127.28	0.00110
-7.07	120.21	0.00132	-14.14	113.14	0.00162
-21.21	106.07	0.00203	-28.28	98.99	0.00260
-35.36	91.92	0.00340	-42.43	84.85	0.00446
-45.96	81.32	0.00504	-49.50	77.78	0.00560
-51.62	75.66	0.00588	-53.03	74.25	0.00604
-54.45	72.83	0.00616	-55.86	71.42	0.00623
-57.28	70.00	0.00627	-70.00	57.28	0.00480
-71.42	55.86	0.00476	-72.83	54.45	0.00473
-74.25	53.03	0.00471	-75.66	51.62	0.00469
-77.78	49.50	0.00465	-81.32	45.96	0.00454
-84.85	42.43	0.00438	-91.92	35.36	0.00396
-98.99	28.28	0.00348	-106.07	21.21	0.00300
-113.14	14.14	0.00257	-120.21	7.07	0.00221
-127.28	0.00	0.00190	-134.35	-7.07	0.00165
14.14	127.28	0.00084	7.07	120.21	0.00099
0.00	113.14	0.00118	-7.07	106.07	0.00143
-14.14	98.99	0.00176	-21.21	91.92	0.00222
-28.28	84.85	0.00289	-35.36	77.78	0.00387
-38.89	74.25	0.00449	-42.43	70.71	0.00513
-44.55	68.59	0.00548	-45.96	67.18	0.00568
-47.38	65.76	0.00585	-48.79	64.35	0.00596
-50.20	62.93	0.00603	-62.93	50.20	0.00477
-64.35	48.79	0.00473	-65.76	47.38	0.00472
-67.18	45.96	0.00470	-68.59	44.55	0.00467
-70.71	42.43	0.00463	-74.25	38.89	0.00451
-77.78	35.36	0.00435	-84.85	28.28	0.00394
-91.92	21.21	0.00346	-98.99	14.14	0.00299
-106.07	7.07	0.00256	-113.14	0.00	0.00220
-120.21	-7.07	0.00189	-127.28	-14.14	0.00164
21.21	120.21	0.00075	14.14	113.14	0.00087
7.07	106.07	0.00103	0.00	98.99	0.00123
-7.07	91.92	0.00149	-14.14	84.85	0.00185
-21.21	77.78	0.00234	-28.28	70.71	0.00310

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00363	-35.36	63.64	0.00429
-37.48	61.52	0.00472	-38.89	60.10	0.00499
-40.31	58.69	0.00524	-41.72	57.28	0.00543
-43.13	55.86	0.00559	-55.86	43.13	0.00466
-57.28	41.72	0.00461	-58.69	40.31	0.00459
-60.10	38.89	0.00456	-61.52	37.48	0.00453

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	0.00447	-67.18	31.82	0.00434
-70.71	28.28	0.00417	-77.78	21.21	0.00376
-84.85	14.14	0.00331	-91.92	7.07	0.00287
-98.99	0.00	0.00247	-106.07	-7.07	0.00213
-113.14	-14.14	0.00184	-120.21	-21.21	0.00160
28.28	113.14	0.00066	21.21	106.07	0.00076
14.14	98.99	0.00088	7.07	91.92	0.00104
0.00	84.85	0.00124	-7.07	77.78	0.00149
-14.14	70.71	0.00183	-21.21	63.64	0.00232
-24.75	60.10	0.00266	-28.28	56.57	0.00311
-30.41	54.45	0.00345	-31.82	53.03	0.00372
-33.23	51.62	0.00401	-34.65	50.20	0.00433
-36.06	48.79	0.00463	-48.79	36.06	0.00442
-50.20	34.65	0.00435	-51.62	33.23	0.00430
-53.03	31.82	0.00425	-54.45	30.41	0.00420
-56.57	28.28	0.00412	-60.10	24.75	0.00397
-63.64	21.21	0.00380	-70.71	14.14	0.00342
-77.78	7.07	0.00303	-84.85	0.00	0.00266
-91.92	-7.07	0.00232	-98.99	-14.14	0.00201
-106.07	-21.21	0.00175	-113.14	-28.28	0.00153
35.36	106.07	0.00057	28.28	98.99	0.00064
21.21	91.92	0.00074	14.14	84.85	0.00085
7.07	77.78	0.00099	0.00	70.71	0.00116
-7.07	63.64	0.00137	-14.14	56.57	0.00164
-17.68	53.03	0.00181	-21.21	49.50	0.00200
-23.33	47.38	0.00212	-24.75	45.96	0.00221
-26.16	44.55	0.00232	-27.58	43.13	0.00246
-28.99	41.72	0.00266	-41.72	28.99	0.00378

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00368	-44.55	26.16	0.00360
-45.96	24.75	0.00355	-47.38	23.33	0.00351
-49.50	21.21	0.00345	-53.03	17.68	0.00334
-56.57	14.14	0.00323	-63.64	7.07	0.00297
-70.71	0.00	0.00267	-77.78	-7.07	0.00238
-84.85	-14.14	0.00210	-91.92	-21.21	0.00185
-98.99	-28.28	0.00163	-106.07	-35.36	0.00144
42.43	98.99	0.00048	35.36	91.92	0.00054
28.28	84.85	0.00061	21.21	77.78	0.00069
14.14	70.71	0.00078	7.07	63.64	0.00088
0.00	56.57	0.00099	-7.07	49.50	0.00110
-10.61	45.96	0.00115	-14.14	42.43	0.00118

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
-16.26	40.31	0.00119	-17.68	38.89	0.00119
-19.09	37.48	0.00118	-20.51	36.06	0.00117
-21.92	34.65	0.00116	-34.65	21.92	0.00224
-36.06	20.51	0.00236	-37.48	19.09	0.00244
-38.89	17.68	0.00250	-40.31	16.26	0.00254
-42.43	14.14	0.00258	-45.96	10.61	0.00260
-49.50	7.07	0.00257	-56.57	0.00	0.00244
-63.64	-7.07	0.00226	-70.71	-14.14	0.00205
-77.78	-21.21	0.00185	-84.85	-28.28	0.00166
-91.92	-35.36	0.00148	-98.99	-42.43	0.00132
49.50	91.92	0.00041	42.43	84.85	0.00046
35.36	77.78	0.00050	28.28	70.71	0.00055
21.21	63.64	0.00061	14.14	56.57	0.00066
7.07	49.50	0.00071	0.00	42.43	0.00075
-3.54	38.89	0.00076	-7.07	35.36	0.00075
-9.19	33.23	0.00075	-10.61	31.82	0.00075
-12.02	30.41	0.00076	-13.44	28.99	0.00076
-14.85	27.58	0.00078	-27.58	14.85	0.00136
-28.99	13.44	0.00146	-30.41	12.02	0.00155
-31.82	10.61	0.00163	-33.23	9.19	0.00171
-35.36	7.07	0.00181	-38.89	3.54	0.00192
-42.43	0.00	0.00197	-49.50	-7.07	0.00197

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00188	-63.64	-21.21	0.00175
-70.71	-28.28	0.00161	-77.78	-35.36	0.00146
-84.85	-42.43	0.00133	-91.92	-49.50	0.00120
56.57	84.85	0.00035	49.50	77.78	0.00038
42.43	70.71	0.00041	35.36	63.64	0.00045
28.28	56.57	0.00048	21.21	49.50	0.00051
14.14	42.43	0.00053	7.07	35.36	0.00054
3.54	31.82	0.00054	0.00	28.28	0.00054
-2.12	26.16	0.00055	-3.54	24.75	0.00056
-4.95	23.33	0.00057	-6.36	21.92	0.00059
-7.78	20.51	0.00061	-20.51	7.78	0.00097
-21.92	6.36	0.00103	-23.33	4.95	0.00108
-24.75	3.54	0.00113	-26.16	2.12	0.00119
-28.28	0.00	0.00126	-31.82	-3.54	0.00136
-35.36	-7.07	0.00144	-42.43	-14.14	0.00153
-49.50	-21.21	0.00152	-56.57	-28.28	0.00146
-63.64	-35.36	0.00138	-70.71	-42.43	0.00128
-77.78	-49.50	0.00118	-84.85	-56.57	0.00109

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	0.00030	56.57	70.71	0.00032
49.50	63.64	0.00034	42.43	56.57	0.00036
35.36	49.50	0.00038	28.28	42.43	0.00039
21.21	35.36	0.00040	14.14	28.28	0.00041
10.61	24.75	0.00042	7.07	21.21	0.00043
4.95	19.09	0.00044	3.54	17.68	0.00046
2.12	16.26	0.00047	0.71	14.85	0.00048
-0.71	13.44	0.00050	-13.44	0.71	0.00074
-14.85	-0.71	0.00078	-16.26	-2.12	0.00081
-17.68	-3.54	0.00085	-19.09	-4.95	0.00088
-21.21	-7.07	0.00093	-24.75	-10.61	0.00100
-28.28	-14.14	0.00106	-35.36	-21.21	0.00116
-42.43	-28.28	0.00120	-49.50	-35.36	0.00120
-56.57	-42.43	0.00116	-63.64	-49.50	0.00111
-70.71	-56.57	0.00104	-77.78	-63.64	0.00097
70.71	70.71	0.00026	63.64	63.64	0.00027



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00029	49.50	49.50	0.00030
42.43	42.43	0.00031	35.36	35.36	0.00031
28.28	28.28	0.00032	21.21	21.21	0.00033
17.68	17.68	0.00034	14.14	14.14	0.00036
12.02	12.02	0.00037	10.61	10.61	0.00038
9.19	9.19	0.00039	7.78	7.78	0.00041
6.36	6.36	0.00042	-6.36	-6.36	0.00058
-7.78	-7.78	0.00061	-9.19	-9.19	0.00064
-10.61	-10.61	0.00066	-12.02	-12.02	0.00069
-14.14	-14.14	0.00072	-17.68	-17.68	0.00077
-21.21	-21.21	0.00082	-28.28	-28.28	0.00089
-35.36	-35.36	0.00094	-42.43	-42.43	0.00096
-49.50	-49.50	0.00096	-56.57	-56.57	0.00094
-63.64	-63.64	0.00090	-70.71	-70.71	0.00086
77.78	63.64	0.00022	70.71	56.57	0.00023
63.64	49.50	0.00024	56.57	42.43	0.00024
49.50	35.36	0.00025	42.43	28.28	0.00025
35.36	21.21	0.00026	28.28	14.14	0.00028
24.75	10.61	0.00029	21.21	7.07	0.00030
19.09	4.95	0.00032	17.68	3.54	0.00033
16.26	2.12	0.00034	14.85	0.71	0.00035
13.44	-0.71	0.00036	0.71	-13.44	0.00047
-0.71	-14.85	0.00049	-2.12	-16.26	0.00051
-3.54	-17.68	0.00053	-4.95	-19.09	0.00055

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 93  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00057	-10.61	-24.75	0.00061
-14.14	-28.28	0.00065	-21.21	-35.36	0.00070
-28.28	-42.43	0.00074	-35.36	-49.50	0.00077
-42.43	-56.57	0.00079	-49.50	-63.64	0.00079
-56.57	-70.71	0.00077	-63.64	-77.78	0.00075
84.85	56.57	0.00019	77.78	49.50	0.00020
70.71	42.43	0.00020	63.64	35.36	0.00020
56.57	28.28	0.00021	49.50	21.21	0.00021
42.43	14.14	0.00022	35.36	7.07	0.00024
31.82	3.54	0.00025	28.28	0.00	0.00026

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00027	24.75	-3.54	0.00028
23.33	-4.95	0.00029	21.92	-6.36	0.00030
20.51	-7.78	0.00031	7.78	-20.51	0.00039
6.36	-21.92	0.00040	4.95	-23.33	0.00042
3.54	-24.75	0.00043	2.12	-26.16	0.00045
0.00	-28.28	0.00047	-3.54	-31.82	0.00050
-7.07	-35.36	0.00052	-14.14	-42.43	0.00057
-21.21	-49.50	0.00060	-28.28	-56.57	0.00063
-35.36	-63.64	0.00065	-42.43	-70.71	0.00066
-49.50	-77.78	0.00066	-56.57	-84.85	0.00065
91.92	49.50	0.00016	84.85	42.43	0.00017
77.78	35.36	0.00017	70.71	28.28	0.00017
63.64	21.21	0.00018	56.57	14.14	0.00018
49.50	7.07	0.00019	42.43	0.00	0.00021
38.89	-3.54	0.00022	35.36	-7.07	0.00023
33.23	-9.19	0.00024	31.82	-10.61	0.00024
30.41	-12.02	0.00025	28.99	-13.44	0.00026
27.58	-14.85	0.00026	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	0.00041
0.00	-42.43	0.00043	-7.07	-49.50	0.00047
-14.14	-56.57	0.00050	-21.21	-63.64	0.00052
-28.28	-70.71	0.00054	-35.36	-77.78	0.00055
-42.43	-84.85	0.00056	-49.50	-91.92	0.00056
98.99	42.43	0.00014	91.92	35.36	0.00014
84.85	28.28	0.00015	77.78	21.21	0.00015
70.71	14.14	0.00015	63.64	7.07	0.00016
56.57	0.00	0.00017	49.50	-7.07	0.00018
45.96	-10.61	0.00019	42.43	-14.14	0.00020

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00021	38.89	-17.68	0.00021
37.48	-19.09	0.00022	36.06	-20.51	0.00023
34.65	-21.92	0.00023	21.92	-34.65	0.00028
20.51	-36.06	0.00029	19.09	-37.48	0.00030

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00030	16.26	-40.31	0.00031
14.14	-42.43	0.00032	10.61	-45.96	0.00034
7.07	-49.50	0.00036	0.00	-56.57	0.00039
-7.07	-63.64	0.00042	-14.14	-70.71	0.00044
-21.21	-77.78	0.00045	-28.28	-84.85	0.00046
-35.36	-91.92	0.00047	-42.43	-98.99	0.00048
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00013
77.78	7.07	0.00013	70.71	0.00	0.00014
63.64	-7.07	0.00015	56.57	-14.14	0.00016
53.03	-17.68	0.00017	49.50	-21.21	0.00018
47.38	-23.33	0.00019	45.96	-24.75	0.00019
44.55	-26.16	0.00019	43.13	-27.58	0.00020
41.72	-28.99	0.00020	28.99	-41.72	0.00024
27.58	-43.13	0.00025	26.16	-44.55	0.00025
24.75	-45.96	0.00026	23.33	-47.38	0.00027
21.21	-49.50	0.00028	17.68	-53.03	0.00029
14.14	-56.57	0.00031	7.07	-63.64	0.00034
0.00	-70.71	0.00036	-7.07	-77.78	0.00037
-14.14	-84.85	0.00038	-21.21	-91.92	0.00040
-28.28	-98.99	0.00040	-35.36	-106.07	0.00041
113.14	28.28	0.00011	106.07	21.21	0.00011
98.99	14.14	0.00011	91.92	7.07	0.00012
84.85	0.00	0.00012	77.78	-7.07	0.00013
70.71	-14.14	0.00013	63.64	-21.21	0.00015
60.10	-24.75	0.00015	56.57	-28.28	0.00016
54.45	-30.41	0.00017	53.03	-31.82	0.00017
51.62	-33.23	0.00017	50.20	-34.65	0.00018
48.79	-36.06	0.00018	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	0.00025
21.21	-63.64	0.00027	14.14	-70.71	0.00029
7.07	-77.78	0.00031	0.00	-84.85	0.00032
-7.07	-91.92	0.00033	-14.14	-98.99	0.00034
-21.21	-106.07	0.00035	-28.28	-113.14	0.00036

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

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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 \*\*\*

18NCRA\_NAPA97-300\_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	0.00010	98.99	0.00	0.00010
91.92	-7.07	0.00011	84.85	-14.14	0.00011
77.78	-21.21	0.00012	70.71	-28.28	0.00013
67.18	-31.82	0.00014	63.64	-35.36	0.00014
61.52	-37.48	0.00015	60.10	-38.89	0.00015
58.69	-40.31	0.00015	57.28	-41.72	0.00016
55.86	-43.13	0.00016	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	0.00025
14.14	-84.85	0.00027	7.07	-91.92	0.00028
0.00	-98.99	0.00029	-7.07	-106.07	0.00030
-14.14	-113.14	0.00030	-21.21	-120.21	0.00031
127.28	14.14	0.00009	120.21	7.07	0.00009
113.14	0.00	0.00009	106.07	-7.07	0.00009
98.99	-14.14	0.00010	91.92	-21.21	0.00010
84.85	-28.28	0.00011	77.78	-35.36	0.00012
74.25	-38.89	0.00012	70.71	-42.43	0.00013
68.59	-44.55	0.00013	67.18	-45.96	0.00014
65.76	-47.38	0.00014	64.35	-48.79	0.00014
62.93	-50.20	0.00014	50.20	-62.93	0.00017
48.79	-64.35	0.00017	47.38	-65.76	0.00017
45.96	-67.18	0.00017	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	0.00023	14.14	-98.99	0.00024
7.07	-106.07	0.00025	0.00	-113.14	0.00026
-7.07	-120.21	0.00027	-14.14	-127.28	0.00027
134.35	7.07	0.00008	127.28	0.00	0.00008
120.21	-7.07	0.00008	113.14	-14.14	0.00009
106.07	-21.21	0.00009	98.99	-28.28	0.00009
91.92	-35.36	0.00010	84.85	-42.43	0.00011
81.32	-45.96	0.00011	77.78	-49.50	0.00012
75.66	-51.62	0.00012	74.25	-53.03	0.00012
72.83	-54.45	0.00013	71.42	-55.86	0.00013
70.00	-57.28	0.00013	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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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00008	109.60	-88.39	0.00008
108.19	-89.80	0.00008	106.77	-91.22	0.00008
105.36	-92.63	0.00008	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00009	86.97	-111.02	0.00010
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	0.00013	42.43	-155.56	0.00014
35.36	-162.63	0.00014	28.28	-169.71	0.00014

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

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

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

18NCRA\_NAPA97-300\_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	0.00009
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00011
49.50	-176.78	0.00012	42.43	-183.85	0.00012
190.92	-49.50	0.00004	183.85	-56.57	0.00004
176.78	-63.64	0.00005	169.71	-70.71	0.00005
162.63	-77.78	0.00005	155.56	-84.85	0.00005
148.49	-91.92	0.00006	141.42	-98.99	0.00006
137.89	-102.53	0.00006	134.35	-106.07	0.00006
132.23	-108.19	0.00006	130.81	-109.60	0.00006
129.40	-111.02	0.00006	127.99	-112.43	0.00007
126.57	-113.84	0.00007	113.84	-126.57	0.00007
112.43	-127.99	0.00007	111.02	-129.40	0.00007
109.60	-130.81	0.00007	108.19	-132.23	0.00008

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	0.00011
197.99	-56.57	0.00004	190.92	-63.64	0.00004
183.85	-70.71	0.00004	176.78	-77.78	0.00004
169.71	-84.85	0.00005	162.63	-91.92	0.00005
155.56	-98.99	0.00005	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00006
139.30	-115.26	0.00006	137.89	-116.67	0.00006
136.47	-118.09	0.00006	135.06	-119.50	0.00006
133.64	-120.92	0.00006	120.92	-133.64	0.00007
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	0.00008	84.85	-169.71	0.00009



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00005	152.03	-130.81	0.00005
150.61	-132.23	0.00005	149.20	-133.64	0.00005
147.79	-135.06	0.00005	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	0.00008
77.78	-205.06	0.00009	70.71	-212.13	0.00009
219.20	-77.78	0.00003	212.13	-84.85	0.00004
205.06	-91.92	0.00004	197.99	-98.99	0.00004

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00004	183.85	-113.14	0.00004
176.78	-120.21	0.00004	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00005	159.10	-137.89	0.00005
157.68	-139.30	0.00005	156.27	-140.71	0.00005
154.86	-142.13	0.00005	142.13	-154.86	0.00005
140.71	-156.27	0.00006	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	0.00007	91.92	-205.06	0.00008
84.85	-212.13	0.00008	77.78	-219.20	0.00008
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00004
183.85	-127.28	0.00004	176.78	-134.35	0.00004
173.24	-137.89	0.00004	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	0.00007	84.85	-226.27	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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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

18NCRA\_NAPA97-300\_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	0.00005
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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\_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	0.00127	-113.14	240.42	0.00149
-120.21	233.35	0.00174	-127.28	226.27	0.00203
-134.35	219.20	0.00233	-141.42	212.13	0.00263
-148.49	205.06	0.00287	-155.56	197.99	0.00294
-159.10	194.45	0.00283	-162.63	190.92	0.00257
-164.76	188.80	0.00234	-166.17	187.38	0.00217
-167.58	185.97	0.00199	-169.00	184.55	0.00181
-170.41	183.14	0.00164	-183.14	170.41	0.00096
-184.55	169.00	0.00097	-185.97	167.58	0.00098
-187.38	166.17	0.00100	-188.80	164.76	0.00102
-190.92	162.63	0.00106	-194.45	159.10	0.00112
-197.99	155.56	0.00118	-205.06	148.49	0.00126
-212.13	141.42	0.00128	-219.20	134.35	0.00126
-226.27	127.28	0.00120	-233.35	120.21	0.00113
-240.42	113.14	0.00106	-247.49	106.07	0.00098
-98.99	240.42	0.00128	-106.07	233.35	0.00151
-113.14	226.27	0.00180	-120.21	219.20	0.00213
-127.28	212.13	0.00251	-134.35	205.06	0.00292
-141.42	197.99	0.00333	-148.49	190.92	0.00368
-152.03	187.38	0.00378	-155.56	183.85	0.00374
-157.68	181.73	0.00360	-159.10	180.31	0.00343
-160.51	178.90	0.00320	-161.93	177.48	0.00292
-163.34	176.07	0.00260	-176.07	163.34	0.00124
-177.48	161.93	0.00127	-178.90	160.51	0.00131
-180.31	159.10	0.00136	-181.73	157.68	0.00140
-183.85	155.56	0.00146	-187.38	152.03	0.00156
-190.92	148.49	0.00163	-197.99	141.42	0.00168
-205.06	134.35	0.00164	-212.13	127.28	0.00155
-219.20	120.21	0.00145	-226.27	113.14	0.00133

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00122	-240.42	98.99	0.00112
-91.92	233.35	0.00126	-99.00	226.27	0.00150
-106.07	219.20	0.00181	-113.14	212.13	0.00219
-120.21	205.06	0.00263	-127.28	197.99	0.00315
-134.35	190.92	0.00371	-141.42	183.85	0.00430
-144.96	180.31	0.00458	-148.49	176.78	0.00481
-150.61	174.66	0.00490	-152.03	173.24	0.00491
-153.44	171.83	0.00490	-154.86	170.41	0.00480
-156.27	169.00	0.00456	-169.00	156.27	0.00190
-170.41	154.86	0.00197	-171.83	153.44	0.00203
-173.24	152.03	0.00208	-174.66	150.61	0.00212

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00217	-180.31	144.96	0.00222
-183.85	141.42	0.00223	-190.92	134.35	0.00217
-197.99	127.28	0.00204	-205.06	120.21	0.00188
-212.13	113.14	0.00171	-219.20	106.07	0.00154
-226.27	98.99	0.00139	-233.35	91.92	0.00126
-84.85	226.27	0.00122	-91.92	219.20	0.00146
-99.00	212.13	0.00178	-106.07	205.06	0.00218
-113.14	197.99	0.00268	-120.21	190.92	0.00328
-127.28	183.85	0.00398	-134.35	176.78	0.00475
-137.89	173.24	0.00516	-141.42	169.71	0.00556
-143.54	167.58	0.00576	-144.96	166.17	0.00587
-146.37	164.76	0.00595	-147.79	163.34	0.00606
-149.20	161.93	0.00610	-161.93	149.20	0.00341
-163.34	147.79	0.00327	-164.76	146.37	0.00318
-166.17	144.96	0.00312	-167.58	143.54	0.00308
-169.71	141.42	0.00304	-173.24	137.89	0.00298
-176.78	134.35	0.00290	-183.85	127.28	0.00271
-190.92	120.21	0.00247	-197.99	113.14	0.00221
-205.06	106.07	0.00197	-212.13	98.99	0.00175
-219.20	91.92	0.00156	-226.27	84.85	0.00139
-77.78	219.20	0.00116	-84.85	212.13	0.00140
-91.92	205.06	0.00171	-99.00	197.99	0.00211
-106.07	190.92	0.00263	-113.14	183.85	0.00329

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00408	-127.28	169.71	0.00496
-130.81	166.17	0.00543	-134.35	162.63	0.00588
-136.47	160.51	0.00611	-137.89	159.10	0.00623
-139.30	157.68	0.00630	-140.71	156.27	0.00636
-142.13	154.86	0.00640	-154.86	142.13	0.00426
-156.27	140.71	0.00414	-157.68	139.30	0.00405
-159.10	137.89	0.00397	-160.51	136.47	0.00390
-162.63	134.35	0.00380	-166.17	130.81	0.00364
-169.71	127.28	0.00349	-176.78	120.21	0.00317
-183.85	113.14	0.00283	-190.92	106.07	0.00250
-197.99	98.99	0.00220	-205.06	91.92	0.00193
-212.13	84.85	0.00170	-219.20	77.78	0.00150
-70.71	212.13	0.00109	-77.78	205.06	0.00131
-84.85	197.99	0.00160	-91.92	190.92	0.00198
-98.99	183.85	0.00249	-106.07	176.78	0.00317
-113.14	169.71	0.00401	-120.21	162.63	0.00498
-123.74	159.10	0.00547	-127.28	155.56	0.00594

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	0.00618	-130.81	152.03	0.00630
-132.23	150.61	0.00638	-133.64	149.20	0.00641
-135.06	147.79	0.00645	-147.79	135.06	0.00459
-149.20	133.64	0.00452	-150.61	132.23	0.00446
-152.03	130.81	0.00442	-153.44	129.40	0.00437
-155.56	127.28	0.00430	-159.10	123.74	0.00415
-162.63	120.21	0.00397	-169.71	113.14	0.00356
-176.78	106.07	0.00313	-183.85	98.99	0.00273
-190.92	91.92	0.00237	-197.99	84.85	0.00207
-205.06	77.78	0.00181	-212.13	70.71	0.00158
-63.64	205.06	0.00101	-70.71	197.99	0.00121
-77.78	190.92	0.00146	-84.85	183.85	0.00181
-91.92	176.78	0.00228	-98.99	169.71	0.00293
-106.07	162.63	0.00379	-113.14	155.56	0.00482
-116.67	152.03	0.00535	-120.21	148.49	0.00584
-122.33	146.37	0.00609	-123.74	144.96	0.00623
-125.16	143.54	0.00633	-126.57	142.13	0.00637

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00641	-140.71	127.99	0.00474
-142.13	126.57	0.00469	-143.54	125.16	0.00466
-144.96	123.74	0.00463	-146.37	122.33	0.00460
-148.49	120.21	0.00455	-152.03	116.67	0.00443
-155.56	113.14	0.00426	-162.63	106.07	0.00383
-169.71	98.99	0.00335	-176.78	91.92	0.00291
-183.85	84.85	0.00251	-190.92	77.78	0.00216
-197.99	70.71	0.00187	-205.06	63.64	0.00163
-56.57	197.99	0.00093	-63.64	190.92	0.00110
-70.71	183.85	0.00132	-77.78	176.78	0.00162
-84.85	169.71	0.00203	-91.92	162.63	0.00260
-98.99	155.56	0.00340	-106.07	148.49	0.00446
-109.60	144.96	0.00504	-113.14	141.42	0.00560
-115.26	139.30	0.00588	-116.67	137.89	0.00604
-118.09	136.47	0.00616	-119.50	135.06	0.00623
-120.92	133.64	0.00627	-133.64	120.92	0.00480
-135.06	119.50	0.00476	-136.47	118.09	0.00473
-137.89	116.67	0.00471	-139.30	115.26	0.00469
-141.42	113.14	0.00465	-144.96	109.60	0.00454
-148.49	106.07	0.00438	-155.56	98.99	0.00396
-162.63	91.92	0.00348	-169.71	84.85	0.00300
-176.78	77.78	0.00257	-183.85	70.71	0.00221
-190.92	63.64	0.00190	-197.99	56.57	0.00165

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

18:47:39  
 \*\*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	0.00084	-56.57	183.85	0.00099
-63.64	176.78	0.00118	-70.71	169.71	0.00143
-77.78	162.63	0.00176	-84.85	155.56	0.00222
-91.92	148.49	0.00289	-98.99	141.42	0.00387
-102.53	137.89	0.00449	-106.07	134.35	0.00513
-108.19	132.23	0.00548	-109.60	130.81	0.00568
-111.02	129.40	0.00585	-112.43	127.99	0.00596
-113.84	126.57	0.00603	-126.57	113.84	0.00477
-127.99	112.43	0.00473	-129.40	111.02	0.00472
-130.81	109.60	0.00470	-132.23	108.19	0.00467
-134.35	106.07	0.00463	-137.89	102.53	0.00451

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00435	-148.49	91.92	0.00394
-155.56	84.85	0.00346	-162.63	77.78	0.00299
-169.71	70.71	0.00256	-176.78	63.64	0.00220
-183.85	56.57	0.00189	-190.92	49.50	0.00164
-42.43	183.85	0.00075	-49.50	176.78	0.00087
-56.57	169.71	0.00103	-63.64	162.63	0.00123
-70.71	155.56	0.00149	-77.78	148.49	0.00185
-84.85	141.42	0.00234	-91.92	134.35	0.00310
-95.46	130.81	0.00363	-98.99	127.28	0.00429
-101.12	125.16	0.00472	-102.53	123.74	0.00499
-103.94	122.33	0.00524	-105.36	120.92	0.00543
-106.77	119.50	0.00559	-119.50	106.77	0.00466
-120.92	105.36	0.00461	-122.33	103.94	0.00459
-123.74	102.53	0.00456	-125.16	101.12	0.00453
-127.28	98.99	0.00447	-130.81	95.46	0.00434
-134.35	91.92	0.00417	-141.42	84.85	0.00376
-148.49	77.78	0.00331	-155.56	70.71	0.00287
-162.63	63.64	0.00247	-169.71	56.57	0.00213
-176.78	49.50	0.00184	-183.85	42.43	0.00160
-35.36	176.78	0.00066	-42.43	169.71	0.00076
-49.50	162.63	0.00088	-56.57	155.56	0.00104
-63.64	148.49	0.00124	-70.71	141.42	0.00149
-77.78	134.35	0.00183	-84.85	127.28	0.00232
-88.39	123.74	0.00266	-91.92	120.21	0.00311
-94.05	118.09	0.00345	-95.46	116.67	0.00372
-96.87	115.26	0.00401	-98.29	113.84	0.00433
-99.70	112.43	0.00463	-112.43	99.70	0.00442
-113.84	98.29	0.00435	-115.26	96.87	0.00430
-116.67	95.46	0.00425	-118.09	94.05	0.00420

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

18:47:39  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00412	-123.74	88.39	0.00397
-127.28	84.85	0.00380	-134.35	77.78	0.00342
-141.42	70.71	0.00303	-148.49	63.64	0.00266
-155.56	56.57	0.00232	-162.63	49.50	0.00201
-169.71	42.43	0.00175	-176.78	35.36	0.00153



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00057	-35.36	162.63	0.00064
-42.43	155.56	0.00074	-49.50	148.49	0.00085
-56.57	141.42	0.00099	-63.64	134.35	0.00116
-70.71	127.28	0.00137	-77.78	120.21	0.00164
-81.32	116.67	0.00181	-84.85	113.14	0.00200
-86.97	111.02	0.00212	-88.39	109.60	0.00221
-89.80	108.19	0.00232	-91.22	106.77	0.00246
-92.63	105.36	0.00266	-105.36	92.63	0.00378
-106.77	91.22	0.00368	-108.19	89.80	0.00360
-109.60	88.39	0.00355	-111.02	86.97	0.00351
-113.14	84.85	0.00345	-116.67	81.32	0.00334
-120.21	77.78	0.00323	-127.28	70.71	0.00297
-134.35	63.64	0.00267	-141.42	56.57	0.00238
-148.49	49.50	0.00210	-155.56	42.43	0.00185
-162.63	35.36	0.00163	-169.71	28.28	0.00144
-21.21	162.63	0.00048	-28.28	155.56	0.00054
-35.36	148.49	0.00061	-42.43	141.42	0.00069
-49.50	134.35	0.00078	-56.57	127.28	0.00088
-63.64	120.21	0.00099	-70.71	113.14	0.00110
-74.25	109.60	0.00115	-77.78	106.07	0.00118
-79.90	103.94	0.00119	-81.32	102.53	0.00119
-82.73	101.12	0.00118	-84.15	99.70	0.00117
-85.56	98.29	0.00116	-98.29	85.56	0.00224
-99.70	84.15	0.00236	-101.12	82.73	0.00244
-102.53	81.32	0.00250	-103.94	79.90	0.00254
-106.07	77.78	0.00258	-109.60	74.25	0.00260
-113.14	70.71	0.00257	-120.21	63.64	0.00244
-127.28	56.57	0.00226	-134.35	49.50	0.00205
-141.42	42.43	0.00185	-148.49	35.36	0.00166
-155.56	28.28	0.00148	-162.63	21.21	0.00132
-14.14	155.56	0.00041	-21.21	148.49	0.00046
-28.28	141.42	0.00050	-35.36	134.35	0.00055
-42.43	127.28	0.00061	-49.50	120.21	0.00066
-56.57	113.14	0.00071	-63.64	106.07	0.00075
-67.18	102.53	0.00076	-70.71	98.99	0.00075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 18:47:39  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

18NCRA NAPA97-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00075	-74.25	95.46	0.00075
-75.66	94.05	0.00076	-77.07	92.63	0.00076
-78.49	91.22	0.00078	-91.22	78.49	0.00136
-92.63	77.07	0.00145	-94.05	75.66	0.00155
-95.46	74.25	0.00163	-96.87	72.83	0.00171
-98.99	70.71	0.00180	-102.53	67.18	0.00192
-106.07	63.64	0.00197	-113.14	56.57	0.00197
-120.21	49.50	0.00188	-127.28	42.43	0.00175
-134.35	35.36	0.00161	-141.42	28.28	0.00146
-148.49	21.21	0.00133	-155.56	14.14	0.00120
-7.07	148.49	0.00035	-14.14	141.42	0.00038
-21.21	134.35	0.00041	-28.28	127.28	0.00045
-35.36	120.21	0.00048	-42.43	113.14	0.00051
-49.50	106.07	0.00053	-56.57	98.99	0.00054
-60.10	95.46	0.00054	-63.64	91.92	0.00054
-65.76	89.80	0.00055	-67.18	88.39	0.00056
-68.59	86.97	0.00057	-70.00	85.56	0.00059
-71.42	84.15	0.00061	-84.15	71.42	0.00097
-85.56	70.00	0.00103	-86.97	68.59	0.00108
-88.39	67.18	0.00113	-89.80	65.76	0.00119
-91.92	63.64	0.00126	-95.46	60.10	0.00136
-98.99	56.57	0.00144	-106.07	49.50	0.00153
-113.14	42.43	0.00152	-120.21	35.36	0.00146
-127.28	28.28	0.00138	-134.35	21.21	0.00128
-141.42	14.14	0.00118	-148.49	7.07	0.00109
0.00	141.42	0.00030	-7.07	134.35	0.00032
-14.14	127.28	0.00034	-21.21	120.21	0.00036
-28.28	113.14	0.00038	-35.36	106.07	0.00039
-42.43	98.99	0.00040	-49.50	91.92	0.00041
-53.03	88.39	0.00042	-56.57	84.85	0.00043
-58.69	82.73	0.00044	-60.10	81.32	0.00046
-61.52	79.90	0.00047	-62.93	78.49	0.00048
-64.35	77.07	0.00050	-77.07	64.35	0.00074
-78.49	62.93	0.00078	-79.90	61.52	0.00081
-81.32	60.10	0.00085	-82.73	58.69	0.00088
-84.85	56.57	0.00093	-88.39	53.03	0.00100
-91.92	49.50	0.00106	-98.99	42.43	0.00116
-106.07	35.36	0.00120	-113.14	28.28	0.00120
-120.21	21.21	0.00116	-127.28	14.14	0.00111
-134.35	7.07	0.00104	-141.42	0.00	0.00097

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:47:39

\*\*MODELOPTS:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00026	0.00	127.28	0.00027
-7.07	120.21	0.00029	-14.14	113.14	0.00030
-21.21	106.07	0.00031	-28.28	98.99	0.00031
-35.36	91.92	0.00032	-42.43	84.85	0.00033
-45.96	81.32	0.00034	-49.50	77.78	0.00036
-51.62	75.66	0.00037	-53.03	74.25	0.00038
-54.45	72.83	0.00039	-55.86	71.42	0.00041
-57.28	70.00	0.00042	-70.00	57.28	0.00058
-71.42	55.86	0.00061	-72.83	54.45	0.00064
-74.25	53.03	0.00066	-75.66	51.62	0.00069
-77.78	49.50	0.00072	-81.32	45.96	0.00077
-84.85	42.43	0.00082	-91.92	35.36	0.00089
-98.99	28.28	0.00094	-106.07	21.21	0.00096
-113.14	14.14	0.00096	-120.21	7.07	0.00094
-127.28	0.00	0.00090	-134.35	-7.07	0.00086
14.14	127.28	0.00022	7.07	120.21	0.00023
0.00	113.14	0.00024	-7.07	106.07	0.00024
-14.14	98.99	0.00025	-21.21	91.92	0.00025
-28.28	84.85	0.00026	-35.36	77.78	0.00028
-38.89	74.25	0.00029	-42.43	70.71	0.00030
-44.55	68.59	0.00032	-45.96	67.18	0.00033
-47.38	65.76	0.00034	-48.79	64.35	0.00035
-50.20	62.93	0.00036	-62.93	50.20	0.00047
-64.35	48.79	0.00049	-65.76	47.38	0.00051
-67.18	45.96	0.00053	-68.59	44.55	0.00055
-70.71	42.43	0.00057	-74.25	38.89	0.00061
-77.78	35.36	0.00065	-84.85	28.28	0.00070
-91.92	21.21	0.00074	-98.99	14.14	0.00077
-106.07	7.07	0.00079	-113.14	0.00	0.00079
-120.21	-7.07	0.00077	-127.28	-14.14	0.00075
21.21	120.21	0.00019	14.14	113.14	0.00020
7.07	106.07	0.00020	0.00	98.99	0.00020
-7.07	91.92	0.00021	-14.14	84.85	0.00021
-21.21	77.78	0.00022	-28.28	70.71	0.00024
-31.82	67.18	0.00025	-35.36	63.64	0.00026
-37.48	61.52	0.00027	-38.89	60.10	0.00028
-40.31	58.69	0.00029	-41.72	57.28	0.00030

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00031	-55.86	43.13	0.00039
-57.28	41.72	0.00040	-58.69	40.31	0.00042
-60.10	38.89	0.00043	-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	0.00047	-67.18	31.82	0.00050
-70.71	28.28	0.00052	-77.78	21.21	0.00057
-84.85	14.14	0.00060	-91.92	7.07	0.00063
-98.99	0.00	0.00065	-106.07	-7.07	0.00066
-113.14	-14.14	0.00066	-120.21	-21.21	0.00065
28.28	113.14	0.00016	21.21	106.07	0.00017
14.14	98.99	0.00017	7.07	91.92	0.00017
0.00	84.85	0.00018	-7.07	77.78	0.00018
-14.14	70.71	0.00019	-21.21	63.64	0.00021
-24.75	60.10	0.00022	-28.28	56.57	0.00023
-30.41	54.45	0.00024	-31.82	53.03	0.00024
-33.23	51.62	0.00025	-34.65	50.20	0.00026
-36.06	48.79	0.00026	-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	0.00041
-63.64	21.21	0.00043	-70.71	14.14	0.00047
-77.78	7.07	0.00050	-84.85	0.00	0.00052
-91.92	-7.07	0.00054	-98.99	-14.14	0.00055
-106.07	-21.21	0.00056	-113.14	-28.28	0.00056
35.36	106.07	0.00014	28.28	98.99	0.00014
21.21	91.92	0.00015	14.14	84.85	0.00015
7.07	77.78	0.00015	0.00	70.71	0.00016
-7.07	63.64	0.00017	-14.14	56.57	0.00018
-17.68	53.03	0.00019	-21.21	49.50	0.00020
-23.33	47.38	0.00021	-24.75	45.96	0.00021
-26.16	44.55	0.00022	-27.58	43.13	0.00023
-28.99	41.72	0.00023	-41.72	28.99	0.00028
-43.13	27.58	0.00029	-44.55	26.16	0.00030
-45.96	24.75	0.00030	-47.38	23.33	0.00031
-49.50	21.21	0.00032	-53.03	17.68	0.00034

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00036	-63.64	7.07	0.00039
-70.71	0.00	0.00042	-77.78	-7.07	0.00044
-84.85	-14.14	0.00045	-91.92	-21.21	0.00046
-98.99	-28.28	0.00047	-106.07	-35.36	0.00048
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00013
14.14	70.71	0.00013	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00018

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

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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
-16.26	40.31	0.00019	-17.68	38.89	0.00019
-19.09	37.48	0.00019	-20.51	36.06	0.00020
-21.92	34.65	0.00020	-34.65	21.92	0.00024
-36.06	20.51	0.00025	-37.48	19.09	0.00025
-38.89	17.68	0.00026	-40.31	16.26	0.00027
-42.43	14.14	0.00028	-45.96	10.61	0.00029
-49.50	7.07	0.00031	-56.57	0.00	0.00034
-63.64	-7.07	0.00036	-70.71	-14.14	0.00037
-77.78	-21.21	0.00038	-84.85	-28.28	0.00040
-91.92	-35.36	0.00040	-98.99	-42.43	0.00041
49.50	91.92	0.00011	42.43	84.85	0.00011
35.36	77.78	0.00011	28.28	70.71	0.00012
21.21	63.64	0.00012	14.14	56.57	0.00013
7.07	49.50	0.00013	0.00	42.43	0.00015
-3.54	38.89	0.00015	-7.07	35.36	0.00016
-9.19	33.23	0.00017	-10.61	31.82	0.00017
-12.02	30.41	0.00017	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-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	0.00025
-42.43	0.00	0.00027	-49.50	-7.07	0.00029
-56.57	-14.14	0.00031	-63.64	-21.21	0.00032
-70.71	-28.28	0.00033	-77.78	-35.36	0.00034
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00010	49.50	77.78	0.00010
42.43	70.71	0.00010	35.36	63.64	0.00010
28.28	56.57	0.00011	21.21	49.50	0.00011
14.14	42.43	0.00012	7.07	35.36	0.00013
3.54	31.82	0.00014	0.00	28.28	0.00014
-2.12	26.16	0.00015	-3.54	24.75	0.00015
-4.95	23.33	0.00015	-6.36	21.92	0.00016
-7.78	20.51	0.00016	-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	0.00025
-49.50	-21.21	0.00027	-56.57	-28.28	0.00028
-63.64	-35.36	0.00029	-70.71	-42.43	0.00030
-77.78	-49.50	0.00030	-84.85	-56.57	0.00031

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

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

18:47:39

\*\*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	0.00009
49.50	63.64	0.00009	42.43	56.57	0.00009
35.36	49.50	0.00010	28.28	42.43	0.00010
21.21	35.36	0.00011	14.14	28.28	0.00012
10.61	24.75	0.00012	7.07	21.21	0.00013
4.95	19.09	0.00013	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00014
-0.71	13.44	0.00014	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00017	-19.09	-4.95	0.00018
-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	0.00023	-49.50	-35.36	0.00024
-56.57	-42.43	0.00025	-63.64	-49.50	0.00026
-70.71	-56.57	0.00027	-77.78	-63.64	0.00027
70.71	70.71	0.00008	63.64	63.64	0.00008
56.57	56.57	0.00008	49.50	49.50	0.00009
42.43	42.43	0.00009	35.36	35.36	0.00009
28.28	28.28	0.00010	21.21	21.21	0.00011

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

18:47:39

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00015	-10.61	-24.75	0.00015
-14.14	-28.28	0.00016	-21.21	-35.36	0.00017
-28.28	-42.43	0.00018	-35.36	-49.50	0.00019
-42.43	-56.57	0.00020	-49.50	-63.64	0.00021
-56.57	-70.71	0.00021	-63.64	-77.78	0.00022
84.85	56.57	0.00006	77.78	49.50	0.00007
70.71	42.43	0.00007	63.64	35.36	0.00007
56.57	28.28	0.00008	49.50	21.21	0.00008
42.43	14.14	0.00009	35.36	7.07	0.00009
31.82	3.54	0.00010	28.28	0.00	0.00010
26.16	-2.12	0.00010	24.75	-3.54	0.00010
23.33	-4.95	0.00010	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00012

18NCRA\_NAPA97-300\_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	0.00015
-21.21	-49.50	0.00016	-28.28	-56.57	0.00017
-35.36	-63.64	0.00018	-42.43	-70.71	0.00018
-49.50	-77.78	0.00019	-56.57	-84.85	0.00019
91.92	49.50	0.00006	84.85	42.43	0.00006
77.78	35.36	0.00006	70.71	28.28	0.00007
63.64	21.21	0.00007	56.57	14.14	0.00007
49.50	7.07	0.00008	42.43	0.00	0.00008
38.89	-3.54	0.00009	35.36	-7.07	0.00009
33.23	-9.19	0.00009	31.82	-10.61	0.00009
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	0.00015
-28.28	-70.71	0.00016	-35.36	-77.78	0.00017
-42.43	-84.85	0.00017	-49.50	-91.92	0.00017
98.99	42.43	0.00006	91.92	35.36	0.00006
84.85	28.28	0.00006	77.78	21.21	0.00006
70.71	14.14	0.00006	63.64	7.07	0.00007
56.57	0.00	0.00007	49.50	-7.07	0.00008
45.96	-10.61	0.00008	42.43	-14.14	0.00008

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\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00009	38.89	-17.68	0.00009
37.48	-19.09	0.00009	36.06	-20.51	0.00009
34.65	-21.92	0.00009	21.92	-34.65	0.00010
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	0.00012



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00005	98.99	0.00	0.00005
91.92	-7.07	0.00005	84.85	-14.14	0.00006
77.78	-21.21	0.00006	70.71	-28.28	0.00006
67.18	-31.82	0.00007	63.64	-35.36	0.00007
61.52	-37.48	0.00007	60.10	-38.89	0.00007
58.69	-40.31	0.00007	57.28	-41.72	0.00007
55.86	-43.13	0.00007	43.13	-55.86	0.00008
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	0.00009
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00011
-14.14	-113.14	0.00012	-21.21	-120.21	0.00012
127.28	14.14	0.00004	120.21	7.07	0.00004
113.14	0.00	0.00005	106.07	-7.07	0.00005
98.99	-14.14	0.00005	91.92	-21.21	0.00005
84.85	-28.28	0.00006	77.78	-35.36	0.00006
74.25	-38.89	0.00006	70.71	-42.43	0.00006
68.59	-44.55	0.00006	67.18	-45.96	0.00006
65.76	-47.38	0.00006	64.35	-48.79	0.00007
62.93	-50.20	0.00007	50.20	-62.93	0.00007
48.79	-64.35	0.00007	47.38	-65.76	0.00007
45.96	-67.18	0.00007	44.55	-68.59	0.00008
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	0.00011
134.35	7.07	0.00004	127.28	0.00	0.00004
120.21	-7.07	0.00004	113.14	-14.14	0.00004
106.07	-21.21	0.00005	98.99	-28.28	0.00005
91.92	-35.36	0.00005	84.85	-42.43	0.00006
81.32	-45.96	0.00006	77.78	-49.50	0.00006
75.66	-51.62	0.00006	74.25	-53.03	0.00006
72.83	-54.45	0.00006	71.42	-55.86	0.00006
70.00	-57.28	0.00006	57.28	-70.00	0.00007
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 \*\*\*  
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\_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	0.00008	21.21	-106.07	0.00009
14.14	-113.14	0.00009	7.07	-120.21	0.00010
0.00	-127.28	0.00010	-7.07	-134.35	0.00010
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00004	120.21	-21.21	0.00004
113.14	-28.28	0.00004	106.07	-35.36	0.00005
98.99	-42.43	0.00005	91.92	-49.50	0.00005
88.39	-53.03	0.00005	84.85	-56.57	0.00005
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00006	64.35	-77.07	0.00006
62.93	-78.49	0.00006	61.52	-79.90	0.00006
60.10	-81.32	0.00006	58.69	-82.73	0.00007
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	0.00009	0.00	-141.42	0.00010
148.49	-7.07	0.00004	141.42	-14.14	0.00004
134.35	-21.21	0.00004	127.28	-28.28	0.00004
120.21	-35.36	0.00004	113.14	-42.43	0.00004
106.07	-49.50	0.00005	98.99	-56.57	0.00005
95.46	-60.10	0.00005	91.92	-63.64	0.00005
89.80	-65.76	0.00005	88.39	-67.18	0.00005
86.97	-68.59	0.00005	85.56	-70.00	0.00005
84.15	-71.42	0.00005	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	0.00008
14.14	-141.42	0.00009	7.07	-148.49	0.00009
155.56	-14.14	0.00003	148.49	-21.21	0.00004
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00004	120.21	-49.50	0.00004
113.14	-56.57	0.00004	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

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

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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
96.87	-72.83	0.00005	95.46	-74.25	0.00005
94.05	-75.66	0.00005	92.63	-77.07	0.00005
91.22	-78.49	0.00005	78.49	-91.22	0.00005
77.07	-92.63	0.00006	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	0.00007	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00008
162.63	-21.21	0.00003	155.56	-28.28	0.00003
148.49	-35.36	0.00003	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00004
120.21	-63.64	0.00004	113.14	-70.71	0.00004
109.60	-74.25	0.00004	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	0.00007	21.21	-162.63	0.00008
169.71	-28.28	0.00003	162.63	-35.36	0.00003
155.56	-42.43	0.00003	148.49	-49.50	0.00003
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00004	120.21	-77.78	0.00004
116.67	-81.32	0.00004	113.14	-84.85	0.00004
111.02	-86.97	0.00004	109.60	-88.39	0.00004
108.19	-89.80	0.00004	106.77	-91.22	0.00004
105.36	-92.63	0.00005	92.63	-105.36	0.00005

18NCRA\_NAPA97-300\_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	0.00006	42.43	-155.56	0.00007
35.36	-162.63	0.00007	28.28	-169.71	0.00007

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S5 ,

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

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

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

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00004	102.53	-137.89	0.00004
98.99	-141.42	0.00004	91.92	-148.49	0.00005
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	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00003
155.56	-98.99	0.00003	148.49	-106.07	0.00003
144.96	-109.60	0.00003	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	0.00005	56.57	-197.99	0.00006
205.06	-63.64	0.00002	197.99	-70.71	0.00003

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00003	155.56	-113.14	0.00003
152.03	-116.67	0.00003	148.49	-120.21	0.00003
146.37	-122.33	0.00003	144.96	-123.74	0.00003
143.54	-125.16	0.00003	142.13	-126.57	0.00003
140.71	-127.99	0.00003	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	0.00002	205.06	-77.78	0.00002
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      \*\*\*  
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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\_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	0.00004	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00002	212.13	-84.85	0.00002
205.06	-91.92	0.00002	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

18NCRA\_NAPA97-300\_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	0.00002	219.20	-91.92	0.00002
212.13	-98.99	0.00002	205.06	-106.07	0.00002
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	163.34	-147.79	0.00003
161.93	-149.20	0.00003	149.20	-161.93	0.00003
147.79	-163.34	0.00003	146.37	-164.76	0.00003
144.96	-166.17	0.00003	143.54	-167.58	0.00003
141.42	-169.71	0.00003	137.89	-173.24	0.00003
134.35	-176.78	0.00003	127.28	-183.85	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00002	212.13	-113.14	0.00002
205.06	-120.21	0.00002	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00003
154.86	-170.41	0.00003	153.44	-171.83	0.00003



18NCRA\_NAPA97-300\_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	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00002
212.13	-127.28	0.00002	205.06	-134.35	0.00002
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00003
161.93	-177.48	0.00003	160.51	-178.90	0.00003
159.10	-180.31	0.00003	157.68	-181.73	0.00003
155.56	-183.85	0.00003	152.03	-187.38	0.00003
148.49	-190.92	0.00003	141.42	-197.99	0.00003
134.35	-205.06	0.00003	127.28	-212.13	0.00003
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00002	212.13	-141.42	0.00002
205.06	-148.49	0.00002	197.99	-155.56	0.00002
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00003	159.10	-194.45	0.00003
155.56	-197.99	0.00003	148.49	-205.06	0.00003
141.42	-212.13	0.00003	134.35	-219.20	0.00003

18NCRA\_NAPA97-300\_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:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00229	-113.14	240.42	0.00246
-120.21	233.35	0.00266	-127.28	226.27	0.00288
-134.35	219.20	0.00311	-141.42	212.13	0.00335
-148.49	205.06	0.00354	-155.56	197.99	0.00356
-159.10	194.45	0.00342	-162.63	190.92	0.00314
-164.76	188.80	0.00289	-166.17	187.38	0.00271
-167.58	185.97	0.00253	-169.00	184.55	0.00234
-170.41	183.14	0.00217	-183.14	170.41	0.00143
-184.55	169.00	0.00143	-185.97	167.58	0.00143
-187.38	166.17	0.00145	-188.80	164.76	0.00147
-190.92	162.63	0.00150	-194.45	159.10	0.00156
-197.99	155.56	0.00161	-205.06	148.49	0.00168
-212.13	141.42	0.00171	-219.20	134.35	0.00169
-226.27	127.28	0.00164	-233.35	120.21	0.00158
-240.42	113.14	0.00152	-247.49	106.07	0.00145
-98.99	240.42	0.00241	-106.07	233.35	0.00261
-113.14	226.27	0.00285	-120.21	219.20	0.00311
-127.28	212.13	0.00341	-134.35	205.06	0.00374
-141.42	197.99	0.00408	-148.49	190.92	0.00437
-152.03	187.38	0.00444	-155.56	183.85	0.00437
-157.68	181.73	0.00421	-159.10	180.31	0.00404
-160.51	178.90	0.00380	-161.93	177.48	0.00350
-163.34	176.07	0.00317	-176.07	163.34	0.00176
-177.48	161.93	0.00178	-178.90	160.51	0.00181
-180.31	159.10	0.00185	-181.73	157.68	0.00189
-183.85	155.56	0.00195	-187.38	152.03	0.00204
-190.92	148.49	0.00210	-197.99	141.42	0.00214
-205.06	134.35	0.00211	-212.13	127.28	0.00203
-219.20	120.21	0.00194	-226.27	113.14	0.00184
-233.35	106.07	0.00173	-240.42	98.99	0.00164
-91.92	233.35	0.00253	-99.00	226.27	0.00275
-106.07	219.20	0.00302	-113.14	212.13	0.00333

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00369	-127.28	197.99	0.00410
-134.35	190.92	0.00458	-141.42	183.85	0.00508
-144.96	180.31	0.00533	-148.49	176.78	0.00553
-150.61	174.66	0.00559	-152.03	173.24	0.00559
-153.44	171.83	0.00556	-154.86	170.41	0.00545
-156.27	169.00	0.00520	-169.00	156.27	0.00246
-170.41	154.86	0.00253	-171.83	153.44	0.00258
-173.24	152.03	0.00262	-174.66	150.61	0.00266

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

18:47:39  
 \*\*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	0.00270	-180.31	144.96	0.00274
-183.85	141.42	0.00275	-190.92	134.35	0.00269
-197.99	127.28	0.00257	-205.06	120.21	0.00242
-212.13	113.14	0.00226	-219.20	106.07	0.00211
-226.27	98.99	0.00197	-233.35	91.92	0.00184
-84.85	226.27	0.00263	-91.92	219.20	0.00288
-99.00	212.13	0.00317	-106.07	205.06	0.00351
-113.14	197.99	0.00392	-120.21	190.92	0.00441
-127.28	183.85	0.00498	-134.35	176.78	0.00565
-137.89	173.24	0.00601	-141.42	169.71	0.00637
-143.54	167.58	0.00655	-144.96	166.17	0.00663
-146.37	164.76	0.00670	-147.79	163.34	0.00680
-149.20	161.93	0.00682	-161.93	149.20	0.00404
-163.34	147.79	0.00389	-164.76	146.37	0.00379
-166.17	144.96	0.00373	-167.58	143.54	0.00368
-169.71	141.42	0.00363	-173.24	137.89	0.00356
-176.78	134.35	0.00348	-183.85	127.28	0.00329
-190.92	120.21	0.00306	-197.99	113.14	0.00283
-205.06	106.07	0.00260	-212.13	98.99	0.00239
-219.20	91.92	0.00221	-226.27	84.85	0.00204
-77.78	219.20	0.00271	-84.85	212.13	0.00298
-91.92	205.06	0.00329	-99.00	197.99	0.00367
-106.07	190.92	0.00411	-113.14	183.85	0.00464
-120.21	176.78	0.00528	-127.28	169.71	0.00602
-130.81	166.17	0.00642	-134.35	162.63	0.00682
-136.47	160.51	0.00701	-137.89	159.10	0.00710



18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00540	-152.03	116.67	0.00528
-155.56	113.14	0.00513	-162.63	106.07	0.00473
-169.71	98.99	0.00428	-176.78	91.92	0.00385
-183.85	84.85	0.00346	-190.92	77.78	0.00312
-197.99	70.71	0.00283	-205.06	63.64	0.00258
-56.57	197.99	0.00290	-63.64	190.92	0.00319
-70.71	183.85	0.00354	-77.78	176.78	0.00395
-84.85	169.71	0.00445	-91.92	162.63	0.00503
-98.99	155.56	0.00572	-106.07	148.49	0.00649
-109.60	144.96	0.00689	-113.14	141.42	0.00726
-115.26	139.30	0.00743	-116.67	137.89	0.00753
-118.09	136.47	0.00759	-119.50	135.06	0.00760
-120.92	133.64	0.00759	-133.64	120.92	0.00581
-135.06	119.50	0.00576	-136.47	118.09	0.00573
-137.89	116.67	0.00570	-139.30	115.26	0.00568
-141.42	113.14	0.00564	-144.96	109.60	0.00554
-148.49	106.07	0.00541	-155.56	98.99	0.00503
-162.63	91.92	0.00458	-169.71	84.85	0.00413
-176.78	77.78	0.00370	-183.85	70.71	0.00333
-190.92	63.64	0.00301	-197.99	56.57	0.00273

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

18:47:39  
 \*\*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	0.00294	-56.57	183.85	0.00324
-63.64	176.78	0.00359	-70.71	169.71	0.00401
-77.78	162.63	0.00451	-84.85	155.56	0.00510
-91.92	148.49	0.00578	-98.99	141.42	0.00656
-102.53	137.89	0.00696	-106.07	134.35	0.00733
-108.19	132.23	0.00751	-109.60	130.81	0.00760
-111.02	129.40	0.00766	-112.43	127.99	0.00767
-113.84	126.57	0.00765	-126.57	113.84	0.00595
-127.99	112.43	0.00590	-129.40	111.02	0.00587
-130.81	109.60	0.00586	-132.23	108.19	0.00584
-134.35	106.07	0.00580	-137.89	102.53	0.00572
-141.42	98.99	0.00560	-148.49	91.92	0.00525
-155.56	84.85	0.00481	-162.63	77.78	0.00435
-169.71	70.71	0.00391	-176.78	63.64	0.00352

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00318	-190.92	49.50	0.00288
-42.43	183.85	0.00298	-49.50	176.78	0.00328
-56.57	169.71	0.00364	-63.64	162.63	0.00406
-70.71	155.56	0.00456	-77.78	148.49	0.00514
-84.85	141.42	0.00583	-91.92	134.35	0.00661
-95.46	130.81	0.00701	-98.99	127.28	0.00738
-101.12	125.16	0.00757	-102.53	123.74	0.00766
-103.94	122.33	0.00772	-105.36	120.92	0.00773
-106.77	119.50	0.00771	-119.50	106.77	0.00605
-120.92	105.36	0.00600	-122.33	103.94	0.00598
-123.74	102.53	0.00597	-125.16	101.12	0.00596
-127.28	98.99	0.00593	-130.81	95.46	0.00586
-134.35	91.92	0.00574	-141.42	84.85	0.00541
-148.49	77.78	0.00498	-155.56	70.71	0.00452
-162.63	63.64	0.00408	-169.71	56.57	0.00368
-176.78	49.50	0.00332	-183.85	42.43	0.00301
-35.36	176.78	0.00301	-42.43	169.71	0.00331
-49.50	162.63	0.00367	-56.57	155.56	0.00409
-63.64	148.49	0.00459	-70.71	141.42	0.00518
-77.78	134.35	0.00586	-84.85	127.28	0.00664
-88.39	123.74	0.00706	-91.92	120.21	0.00744
-94.05	118.09	0.00762	-95.46	116.67	0.00771
-96.87	115.26	0.00777	-98.29	113.84	0.00778
-99.70	112.43	0.00776	-112.43	99.70	0.00613
-113.84	98.29	0.00609	-115.26	96.87	0.00607
-116.67	95.46	0.00606	-118.09	94.05	0.00605

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	91.92	0.00603	-123.74	88.39	0.00596
-127.28	84.85	0.00585	-134.35	77.78	0.00552
-141.42	70.71	0.00510	-148.49	63.64	0.00465
-155.56	56.57	0.00422	-162.63	49.50	0.00381
-169.71	42.43	0.00345	-176.78	35.36	0.00313
-28.28	169.71	0.00303	-35.36	162.63	0.00334
-42.43	155.56	0.00370	-49.50	148.49	0.00412
-56.57	141.42	0.00462	-63.64	134.35	0.00521

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00589	-77.78	120.21	0.00667
-81.32	116.67	0.00708	-84.85	113.14	0.00747
-86.97	111.02	0.00766	-88.39	109.60	0.00776
-89.80	108.19	0.00784	-91.22	106.77	0.00786
-92.63	105.36	0.00781	-105.36	92.63	0.00620
-106.77	91.22	0.00616	-108.19	89.80	0.00613
-109.60	88.39	0.00612	-111.02	86.97	0.00612
-113.14	84.85	0.00611	-116.67	81.32	0.00604
-120.21	77.78	0.00594	-127.28	70.71	0.00562
-134.35	63.64	0.00520	-141.42	56.57	0.00476
-148.49	49.50	0.00432	-155.56	42.43	0.00392
-162.63	35.36	0.00356	-169.71	28.28	0.00323
-21.21	162.63	0.00305	-28.28	155.56	0.00335
-35.36	148.49	0.00372	-42.43	141.42	0.00414
-49.50	134.35	0.00464	-56.57	127.28	0.00523
-63.64	120.21	0.00591	-70.71	113.14	0.00669
-74.25	109.60	0.00710	-77.78	106.07	0.00749
-79.90	103.94	0.00768	-81.32	102.53	0.00777
-82.73	101.12	0.00783	-84.15	99.70	0.00792
-85.56	98.29	0.00794	-98.29	85.56	0.00623
-99.70	84.15	0.00621	-101.12	82.73	0.00619
-102.53	81.32	0.00618	-103.94	79.90	0.00618
-106.07	77.78	0.00616	-109.60	74.25	0.00611
-113.14	70.71	0.00600	-120.21	63.64	0.00569
-127.28	56.57	0.00528	-134.35	49.50	0.00484
-141.42	42.43	0.00441	-148.49	35.36	0.00401
-155.56	28.28	0.00364	-162.63	21.21	0.00332
-14.14	155.56	0.00306	-21.21	148.49	0.00337
-28.28	141.42	0.00373	-35.36	134.35	0.00415
-42.43	127.28	0.00465	-49.50	120.21	0.00524
-56.57	113.14	0.00593	-63.64	106.07	0.00671
-67.18	102.53	0.00712	-70.71	98.99	0.00752

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
-72.83	96.87	0.00771	-74.25	95.46	0.00780
-75.66	94.05	0.00786	-77.07	92.63	0.00791

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.00794	-91.22	78.49	0.00626
-92.63	77.07	0.00623	-94.05	75.66	0.00623
-95.46	74.25	0.00623	-96.87	72.83	0.00622
-98.99	70.71	0.00621	-102.53	67.18	0.00616
-106.07	63.64	0.00606	-113.14	56.57	0.00575
-120.21	49.50	0.00534	-127.28	42.43	0.00490
-134.35	35.36	0.00448	-141.42	28.28	0.00408
-148.49	21.21	0.00372	-155.56	14.14	0.00339
-7.07	148.49	0.00307	-14.14	141.42	0.00338
-21.21	134.35	0.00374	-28.28	127.28	0.00416
-35.36	120.21	0.00466	-42.43	113.14	0.00526
-49.50	106.07	0.00595	-56.57	98.99	0.00673
-60.10	95.46	0.00713	-63.64	91.92	0.00753
-65.76	89.80	0.00773	-67.18	88.39	0.00783
-68.59	86.97	0.00789	-70.00	85.56	0.00791
-71.42	84.15	0.00795	-84.15	71.42	0.00629
-85.56	70.00	0.00626	-86.97	68.59	0.00626
-88.39	67.18	0.00626	-89.80	65.76	0.00626
-91.92	63.64	0.00625	-95.46	60.10	0.00620
-98.99	56.57	0.00611	-106.07	49.50	0.00580
-113.14	42.43	0.00539	-120.21	35.36	0.00496
-127.28	28.28	0.00453	-134.35	21.21	0.00413
-141.42	14.14	0.00378	-148.49	7.07	0.00345
0.00	141.42	0.00307	-7.07	134.35	0.00338
-14.14	127.28	0.00375	-21.21	120.21	0.00417
-28.28	113.14	0.00467	-35.36	106.07	0.00527
-42.43	98.99	0.00596	-49.50	91.92	0.00675
-53.03	88.39	0.00716	-56.57	84.85	0.00754
-58.69	82.73	0.00774	-60.10	81.32	0.00784
-61.52	79.90	0.00791	-62.93	78.49	0.00794
-64.35	77.07	0.00795	-77.07	64.35	0.00632
-78.49	62.93	0.00629	-79.90	61.52	0.00628
-81.32	60.10	0.00628	-82.73	58.69	0.00628
-84.85	56.57	0.00628	-88.39	53.03	0.00623
-91.92	49.50	0.00614	-98.99	42.43	0.00584
-106.07	35.36	0.00544	-113.14	28.28	0.00500
-120.21	21.21	0.00458	-127.28	14.14	0.00418
-134.35	7.07	0.00382	-141.42	0.00	0.00350

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	0.00307	0.00	127.28	0.00339
-7.07	120.21	0.00375	-14.14	113.14	0.00417
-21.21	106.07	0.00468	-28.28	98.99	0.00527
-35.36	91.92	0.00597	-42.43	84.85	0.00676
-45.96	81.32	0.00717	-49.50	77.78	0.00756
-51.62	75.66	0.00774	-53.03	74.25	0.00785
-54.45	72.83	0.00792	-55.86	71.42	0.00795
-57.28	70.00	0.00795	-70.00	57.28	0.00634
-71.42	55.86	0.00631	-72.83	54.45	0.00631
-74.25	53.03	0.00631	-75.66	51.62	0.00631
-77.78	49.50	0.00630	-81.32	45.96	0.00626
-84.85	42.43	0.00617	-91.92	35.36	0.00587
-98.99	28.28	0.00547	-106.07	21.21	0.00504
-113.14	14.14	0.00461	-120.21	7.07	0.00422
-127.28	0.00	0.00386	-134.35	-7.07	0.00354
14.14	127.28	0.00307	7.07	120.21	0.00339
0.00	113.14	0.00375	-7.07	106.07	0.00418
-14.14	98.99	0.00468	-21.21	91.92	0.00528
-28.28	84.85	0.00597	-35.36	77.78	0.00677
-38.89	74.25	0.00718	-42.43	70.71	0.00757
-44.55	68.59	0.00776	-45.96	67.18	0.00786
-47.38	65.76	0.00793	-48.79	64.35	0.00795
-50.20	62.93	0.00794	-62.93	50.20	0.00636
-64.35	48.79	0.00633	-65.76	47.38	0.00632
-67.18	45.96	0.00632	-68.59	44.55	0.00633
-70.71	42.43	0.00632	-74.25	38.89	0.00628
-77.78	35.36	0.00619	-84.85	28.28	0.00589
-91.92	21.21	0.00550	-98.99	14.14	0.00507
-106.07	7.07	0.00465	-113.14	0.00	0.00425
-120.21	-7.07	0.00390	-127.28	-14.14	0.00358
21.21	120.21	0.00307	14.14	113.14	0.00338
7.07	106.07	0.00375	0.00	98.99	0.00418
-7.07	91.92	0.00468	-14.14	84.85	0.00527
-21.21	77.78	0.00598	-28.28	70.71	0.00677
-31.82	67.18	0.00719	-35.36	63.64	0.00758
-37.48	61.52	0.00777	-38.89	60.10	0.00787
-40.31	58.69	0.00794	-41.72	57.28	0.00796
-43.13	55.86	0.00795	-55.86	43.13	0.00638
-57.28	41.72	0.00634	-58.69	40.31	0.00634
-60.10	38.89	0.00634	-61.52	37.48	0.00634

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: 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	0.00634	-67.18	31.82	0.00629
-70.71	28.28	0.00621	-77.78	21.21	0.00592
-84.85	14.14	0.00552	-91.92	7.07	0.00509
-98.99	0.00	0.00467	-106.07	-7.07	0.00428
-113.14	-14.14	0.00393	-120.21	-21.21	0.00361
28.28	113.14	0.00307	21.21	106.07	0.00338
14.14	98.99	0.00375	7.07	91.92	0.00417
0.00	84.85	0.00468	-7.07	77.78	0.00528
-14.14	70.71	0.00597	-21.21	63.64	0.00677
-24.75	60.10	0.00720	-28.28	56.57	0.00759
-30.41	54.45	0.00779	-31.82	53.03	0.00788
-33.23	51.62	0.00794	-34.65	50.20	0.00797
-36.06	48.79	0.00795	-48.79	36.06	0.00640
-50.20	34.65	0.00636	-51.62	33.23	0.00635
-53.03	31.82	0.00635	-54.45	30.41	0.00636
-56.57	28.28	0.00635	-60.10	24.75	0.00631
-63.64	21.21	0.00622	-70.71	14.14	0.00593
-77.78	7.07	0.00554	-84.85	0.00	0.00511
-91.92	-7.07	0.00469	-98.99	-14.14	0.00430
-106.07	-21.21	0.00395	-113.14	-28.28	0.00363
35.36	106.07	0.00306	28.28	98.99	0.00337
21.21	91.92	0.00374	14.14	84.85	0.00417
7.07	77.78	0.00468	0.00	70.71	0.00527
-7.07	63.64	0.00597	-14.14	56.57	0.00677
-17.68	53.03	0.00719	-21.21	49.50	0.00759
-23.33	47.38	0.00780	-24.75	45.96	0.00790
-26.16	44.55	0.00798	-27.58	43.13	0.00801
-28.99	41.72	0.00797	-41.72	28.99	0.00641
-43.13	27.58	0.00638	-44.55	26.16	0.00636
-45.96	24.75	0.00636	-47.38	23.33	0.00636
-49.50	21.21	0.00636	-53.03	17.68	0.00632
-56.57	14.14	0.00623	-63.64	7.07	0.00595
-70.71	0.00	0.00555	-77.78	-7.07	0.00513
-84.85	-14.14	0.00471	-91.92	-21.21	0.00432

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00397	-106.07	-35.36	0.00365
42.43	98.99	0.00305	35.36	91.92	0.00336
28.28	84.85	0.00373	21.21	77.78	0.00416
14.14	70.71	0.00467	7.07	63.64	0.00527
0.00	56.57	0.00597	-7.07	49.50	0.00676
-10.61	45.96	0.00719	-14.14	42.43	0.00759

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	0.00778	-17.68	38.89	0.00788
-19.09	37.48	0.00795	-20.51	36.06	0.00804
-21.92	34.65	0.00806	-34.65	21.92	0.00640
-36.06	20.51	0.00638	-37.48	19.09	0.00637
-38.89	17.68	0.00637	-40.31	16.26	0.00637
-42.43	14.14	0.00637	-45.96	10.61	0.00633
-49.50	7.07	0.00624	-56.57	0.00	0.00596
-63.64	-7.07	0.00557	-70.71	-14.14	0.00514
-77.78	-21.21	0.00473	-84.85	-28.28	0.00434
-91.92	-35.36	0.00398	-98.99	-42.43	0.00366
49.50	91.92	0.00304	42.43	84.85	0.00335
35.36	77.78	0.00372	28.28	70.71	0.00416
21.21	63.64	0.00467	14.14	56.57	0.00527
7.07	49.50	0.00597	0.00	42.43	0.00676
-3.54	38.89	0.00718	-7.07	35.36	0.00759
-9.19	33.23	0.00779	-10.61	31.82	0.00788
-12.02	30.41	0.00795	-13.44	28.99	0.00800
-14.85	27.58	0.00804	-27.58	14.85	0.00639
-28.99	13.44	0.00637	-30.41	12.02	0.00637
-31.82	10.61	0.00637	-33.23	9.19	0.00638
-35.36	7.07	0.00637	-38.89	3.54	0.00634
-42.43	0.00	0.00625	-49.50	-7.07	0.00596
-56.57	-14.14	0.00558	-63.64	-21.21	0.00515
-70.71	-28.28	0.00474	-77.78	-35.36	0.00435
-84.85	-42.43	0.00400	-91.92	-49.50	0.00368
56.57	84.85	0.00302	49.50	77.78	0.00334
42.43	70.71	0.00371	35.36	63.64	0.00415
28.28	56.57	0.00466	21.21	49.50	0.00526

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00596	7.07	35.36	0.00676
3.54	31.82	0.00717	0.00	28.28	0.00757
-2.12	26.16	0.00778	-3.54	24.75	0.00789
-4.95	23.33	0.00795	-6.36	21.92	0.00798
-7.78	20.51	0.00802	-20.51	7.78	0.00639
-21.92	6.36	0.00637	-23.33	4.95	0.00637
-24.75	3.54	0.00637	-26.16	2.12	0.00637
-28.28	0.00	0.00637	-31.82	-3.54	0.00634
-35.36	-7.07	0.00626	-42.43	-14.14	0.00597
-49.50	-21.21	0.00558	-56.57	-28.28	0.00516
-63.64	-35.36	0.00475	-70.71	-42.43	0.00436
-77.78	-49.50	0.00400	-84.85	-56.57	0.00369

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00300	56.57	70.71	0.00332
49.50	63.64	0.00370	42.43	56.57	0.00413
35.36	49.50	0.00464	28.28	42.43	0.00525
21.21	35.36	0.00595	14.14	28.28	0.00676
10.61	24.75	0.00717	7.07	21.21	0.00756
4.95	19.09	0.00777	3.54	17.68	0.00788
2.12	16.26	0.00795	0.71	14.85	0.00798
-0.71	13.44	0.00800	-13.44	0.71	0.00639
-14.85	-0.71	0.00637	-16.26	-2.12	0.00637
-17.68	-3.54	0.00637	-19.09	-4.95	0.00637
-21.21	-7.07	0.00637	-24.75	-10.61	0.00634
-28.28	-14.14	0.00626	-35.36	-21.21	0.00597
-42.43	-28.28	0.00559	-49.50	-35.36	0.00517
-56.57	-42.43	0.00475	-63.64	-49.50	0.00436
-70.71	-56.57	0.00401	-77.78	-63.64	0.00369
70.71	70.71	0.00298	63.64	63.64	0.00331
56.57	56.57	0.00368	49.50	49.50	0.00412
42.43	42.43	0.00463	35.36	35.36	0.00524
28.28	28.28	0.00594	21.21	21.21	0.00675
17.68	17.68	0.00717	14.14	14.14	0.00756
12.02	12.02	0.00776	10.61	10.61	0.00786
9.19	9.19	0.00794	7.78	7.78	0.00797

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.00797	-6.36	-6.36	0.00639
-7.78	-7.78	0.00637	-9.19	-9.19	0.00636
-10.61	-10.61	0.00637	-12.02	-12.02	0.00637
-14.14	-14.14	0.00637	-17.68	-17.68	0.00634
-21.21	-21.21	0.00626	-28.28	-28.28	0.00597
-35.36	-35.36	0.00559	-42.43	-42.43	0.00517
-49.50	-49.50	0.00475	-56.57	-56.57	0.00437
-63.64	-63.64	0.00401	-70.71	-70.71	0.00370
77.78	63.64	0.00296	70.71	56.57	0.00328
63.64	49.50	0.00366	56.57	42.43	0.00410
49.50	35.36	0.00461	42.43	28.28	0.00522
35.36	21.21	0.00593	28.28	14.14	0.00674
24.75	10.61	0.00716	21.21	7.07	0.00756
19.09	4.95	0.00776	17.68	3.54	0.00786
16.26	2.12	0.00792	14.85	0.71	0.00796
13.44	-0.71	0.00794	0.71	-13.44	0.00639
-0.71	-14.85	0.00636	-2.12	-16.26	0.00636
-3.54	-17.68	0.00636	-4.95	-19.09	0.00637

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	0.00636	-10.61	-24.75	0.00633
-14.14	-28.28	0.00625	-21.21	-35.36	0.00597
-28.28	-42.43	0.00559	-35.36	-49.50	0.00517
-42.43	-56.57	0.00476	-49.50	-63.64	0.00437
-56.57	-70.71	0.00401	-63.64	-77.78	0.00370
84.85	56.57	0.00293	77.78	49.50	0.00326
70.71	42.43	0.00364	63.64	35.36	0.00408
56.57	28.28	0.00459	49.50	21.21	0.00520
42.43	14.14	0.00592	35.36	7.07	0.00673
31.82	3.54	0.00715	28.28	0.00	0.00755
26.16	-2.12	0.00775	24.75	-3.54	0.00785
23.33	-4.95	0.00792	21.92	-6.36	0.00794
20.51	-7.78	0.00793	7.78	-20.51	0.00639
6.36	-21.92	0.00635	4.95	-23.33	0.00635
3.54	-24.75	0.00636	2.12	-26.16	0.00636
0.00	-28.28	0.00636	-3.54	-31.82	0.00633

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00625	-14.14	-42.43	0.00597
-21.21	-49.50	0.00559	-28.28	-56.57	0.00517
-35.36	-63.64	0.00475	-42.43	-70.71	0.00437
-49.50	-77.78	0.00401	-56.57	-84.85	0.00369
91.92	49.50	0.00289	84.85	42.43	0.00323
77.78	35.36	0.00361	70.71	28.28	0.00405
63.64	21.21	0.00457	56.57	14.14	0.00518
49.50	7.07	0.00589	42.43	0.00	0.00670
38.89	-3.54	0.00714	35.36	-7.07	0.00754
33.23	-9.19	0.00774	31.82	-10.61	0.00784
30.41	-12.02	0.00791	28.99	-13.44	0.00793
27.58	-14.85	0.00791	14.85	-27.58	0.00638
13.44	-28.99	0.00635	12.02	-30.41	0.00634
10.61	-31.82	0.00635	9.19	-33.23	0.00636
7.07	-35.36	0.00635	3.54	-38.89	0.00632
0.00	-42.43	0.00624	-7.07	-49.50	0.00596
-14.14	-56.57	0.00558	-21.21	-63.64	0.00516
-28.28	-70.71	0.00475	-35.36	-77.78	0.00436
-42.43	-84.85	0.00401	-49.50	-91.92	0.00369
98.99	42.43	0.00285	91.92	35.36	0.00319
84.85	28.28	0.00358	77.78	21.21	0.00402
70.71	14.14	0.00455	63.64	7.07	0.00516
56.57	0.00	0.00587	49.50	-7.07	0.00668
45.96	-10.61	0.00712	42.43	-14.14	0.00753

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00773	38.89	-17.68	0.00784
37.48	-19.09	0.00792	36.06	-20.51	0.00795
34.65	-21.92	0.00792	21.92	-34.65	0.00638
20.51	-36.06	0.00635	19.09	-37.48	0.00633
17.68	-38.89	0.00634	16.26	-40.31	0.00634
14.14	-42.43	0.00634	10.61	-45.96	0.00631
7.07	-49.50	0.00623	0.00	-56.57	0.00595
-7.07	-63.64	0.00557	-14.14	-70.71	0.00516
-21.21	-77.78	0.00474	-28.28	-84.85	0.00436
-35.36	-91.92	0.00400	-42.43	-98.99	0.00368

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00281	98.99	28.28	0.00315
91.92	21.21	0.00354	84.85	14.14	0.00399
77.78	7.07	0.00452	70.71	0.00	0.00513
63.64	-7.07	0.00585	56.57	-14.14	0.00666
53.03	-17.68	0.00709	49.50	-21.21	0.00750
47.38	-23.33	0.00770	45.96	-24.75	0.00780
44.55	-26.16	0.00787	43.13	-27.58	0.00796
41.72	-28.99	0.00799	28.99	-41.72	0.00635
27.58	-43.13	0.00633	26.16	-44.55	0.00632
24.75	-45.96	0.00633	23.33	-47.38	0.00633
21.21	-49.50	0.00633	17.68	-53.03	0.00630
14.14	-56.57	0.00622	7.07	-63.64	0.00594
0.00	-70.71	0.00556	-7.07	-77.78	0.00515
-14.14	-84.85	0.00473	-21.21	-91.92	0.00434
-28.28	-98.99	0.00399	-35.36	-106.07	0.00367
113.14	28.28	0.00275	106.07	21.21	0.00310
98.99	14.14	0.00349	91.92	7.07	0.00395
84.85	0.00	0.00448	77.78	-7.07	0.00510
70.71	-14.14	0.00582	63.64	-21.21	0.00663
60.10	-24.75	0.00706	56.57	-28.28	0.00748
54.45	-30.41	0.00768	53.03	-31.82	0.00778
51.62	-33.23	0.00785	50.20	-34.65	0.00790
48.79	-36.06	0.00794	36.06	-48.79	0.00632
34.65	-50.20	0.00630	33.23	-51.62	0.00630
31.82	-53.03	0.00631	30.41	-54.45	0.00632
28.28	-56.57	0.00632	24.75	-60.10	0.00629
21.21	-63.64	0.00620	14.14	-70.71	0.00593
7.07	-77.78	0.00555	0.00	-84.85	0.00513
-7.07	-91.92	0.00472	-14.14	-98.99	0.00433
-21.21	-106.07	0.00397	-28.28	-113.14	0.00365

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	0.00269	113.14	14.14	0.00304
106.07	7.07	0.00344	98.99	0.00	0.00390
91.92	-7.07	0.00444	84.85	-14.14	0.00506
77.78	-21.21	0.00579	70.71	-28.28	0.00661

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00703	63.64	-35.36	0.00744
61.52	-37.48	0.00765	60.10	-38.89	0.00776
58.69	-40.31	0.00783	57.28	-41.72	0.00786
55.86	-43.13	0.00790	43.13	-55.86	0.00630
41.72	-57.28	0.00628	40.31	-58.69	0.00628
38.89	-60.10	0.00629	37.48	-61.52	0.00630
35.36	-63.64	0.00630	31.82	-67.18	0.00627
28.28	-70.71	0.00619	21.21	-77.78	0.00592
14.14	-84.85	0.00553	7.07	-91.92	0.00512
0.00	-98.99	0.00470	-7.07	-106.07	0.00431
-14.14	-113.14	0.00396	-21.21	-120.21	0.00364
127.28	14.14	0.00261	120.21	7.07	0.00297
113.14	0.00	0.00337	106.07	-7.07	0.00384
98.99	-14.14	0.00438	91.92	-21.21	0.00501
84.85	-28.28	0.00575	77.78	-35.36	0.00657
74.25	-38.89	0.00700	70.71	-42.43	0.00740
68.59	-44.55	0.00761	67.18	-45.96	0.00772
65.76	-47.38	0.00780	64.35	-48.79	0.00783
62.93	-50.20	0.00786	50.20	-62.93	0.00628
48.79	-64.35	0.00626	47.38	-65.76	0.00626
45.96	-67.18	0.00627	44.55	-68.59	0.00627
42.43	-70.71	0.00627	38.89	-74.25	0.00625
35.36	-77.78	0.00617	28.28	-84.85	0.00590
21.21	-91.92	0.00552	14.14	-98.99	0.00510
7.07	-106.07	0.00468	0.00	-113.14	0.00429
-7.07	-120.21	0.00393	-14.14	-127.28	0.00361
134.35	7.07	0.00253	127.28	0.00	0.00288
120.21	-7.07	0.00329	113.14	-14.14	0.00377
106.07	-21.21	0.00432	98.99	-28.28	0.00496
91.92	-35.36	0.00570	84.85	-42.43	0.00653
81.32	-45.96	0.00696	77.78	-49.50	0.00737
75.66	-51.62	0.00757	74.25	-53.03	0.00768
72.83	-54.45	0.00776	71.42	-55.86	0.00779
70.00	-57.28	0.00780	57.28	-70.00	0.00626
55.86	-71.42	0.00623	54.45	-72.83	0.00623
53.03	-74.25	0.00624	51.62	-75.66	0.00625

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 \*\*\*



18NCRA\_NAPA97-300\_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	0.00625	45.96	-81.32	0.00622
42.43	-84.85	0.00615	35.36	-91.92	0.00587
28.28	-98.99	0.00549	21.21	-106.07	0.00507
14.14	-113.14	0.00465	7.07	-120.21	0.00426
0.00	-127.28	0.00391	-7.07	-134.35	0.00358
141.42	0.00	0.00243	134.35	-7.07	0.00278
127.28	-14.14	0.00320	120.21	-21.21	0.00368
113.14	-28.28	0.00424	106.07	-35.36	0.00489
98.99	-42.43	0.00564	91.92	-49.50	0.00648
88.39	-53.03	0.00691	84.85	-56.57	0.00733
82.73	-58.69	0.00754	81.32	-60.10	0.00764
79.90	-61.52	0.00772	78.49	-62.93	0.00775
77.07	-64.35	0.00774	64.35	-77.07	0.00623
62.93	-78.49	0.00620	61.52	-79.90	0.00620
60.10	-81.32	0.00621	58.69	-82.73	0.00622
56.57	-84.85	0.00622	53.03	-88.39	0.00619
49.50	-91.92	0.00612	42.43	-98.99	0.00584
35.36	-106.07	0.00546	28.28	-113.14	0.00504
21.21	-120.21	0.00462	14.14	-127.28	0.00423
7.07	-134.35	0.00387	0.00	-141.42	0.00355
148.49	-7.07	0.00231	141.42	-14.14	0.00267
134.35	-21.21	0.00308	127.28	-28.28	0.00357
120.21	-35.36	0.00415	113.14	-42.43	0.00481
106.07	-49.50	0.00557	98.99	-56.57	0.00642
95.46	-60.10	0.00686	91.92	-63.64	0.00728
89.80	-65.76	0.00748	88.39	-67.18	0.00759
86.97	-68.59	0.00767	85.56	-70.00	0.00770
84.15	-71.42	0.00770	71.42	-84.15	0.00620
70.00	-85.56	0.00617	68.59	-86.97	0.00617
67.18	-88.39	0.00618	65.76	-89.80	0.00618
63.64	-91.92	0.00619	60.10	-95.46	0.00616
56.57	-98.99	0.00609	49.50	-106.07	0.00581
42.43	-113.14	0.00543	35.36	-120.21	0.00500
28.28	-127.28	0.00458	21.21	-134.35	0.00419
14.14	-141.42	0.00383	7.07	-148.49	0.00351
155.56	-14.14	0.00219	148.49	-21.21	0.00253
141.42	-28.28	0.00295	134.35	-35.36	0.00344
127.28	-42.43	0.00403	120.21	-49.50	0.00470
113.14	-56.57	0.00548	106.07	-63.64	0.00634
102.53	-67.18	0.00680	98.99	-70.71	0.00722

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:47:39  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00743	95.46	-74.25	0.00754	
94.05	-75.66	0.00761	92.63	-77.07	0.00765	
91.22	-78.49	0.00764	78.49	-91.22	0.00616	
77.07	-92.63	0.00613	75.66	-94.05	0.00613	
74.25	-95.46	0.00614	72.83	-96.87	0.00614	
70.71	-98.99	0.00615	67.18	-102.53	0.00612	
63.64	-106.07	0.00604	56.57	-113.14	0.00577	
49.50	-120.21	0.00538	42.43	-127.28	0.00496	
35.36	-134.35	0.00453	28.28	-141.42	0.00414	
21.21	-148.49	0.00378	14.14	-155.56	0.00346	
162.63	-21.21	0.00205	155.56	-28.28	0.00238	
148.49	-35.36	0.00279	141.42	-42.43	0.00328	
134.35	-49.50	0.00388	127.28	-56.57	0.00457	
120.21	-63.64	0.00536	113.14	-70.71	0.00624	
109.60	-74.25	0.00671	106.07	-77.78	0.00714	
103.94	-79.90	0.00736	102.53	-81.32	0.00748	
101.12	-82.73	0.00757	99.70	-84.15	0.00761	
98.29	-85.56	0.00759	85.56	-98.29	0.00611	
84.15	-99.70	0.00609	82.73	-101.12	0.00607	
81.32	-102.53	0.00608	79.90	-103.94	0.00610	
77.78	-106.07	0.00610	74.25	-109.60	0.00607	
70.71	-113.14	0.00600	63.64	-120.21	0.00572	
56.57	-127.28	0.00533	49.50	-134.35	0.00490	
42.43	-141.42	0.00448	35.36	-148.49	0.00408	
28.28	-155.56	0.00373	21.21	-162.63	0.00341	
169.71	-28.28	0.00191	162.63	-35.36	0.00222	
155.56	-42.43	0.00261	148.49	-49.50	0.00309	
141.42	-56.57	0.00369	134.35	-63.64	0.00440	
127.28	-70.71	0.00522	120.21	-77.78	0.00612	
116.67	-81.32	0.00659	113.14	-84.85	0.00704	
111.02	-86.97	0.00726	109.60	-88.39	0.00737	
108.19	-89.80	0.00745	106.77	-91.22	0.00756	
105.36	-92.63	0.00759	92.63	-105.36	0.00604	
91.22	-106.77	0.00603	89.80	-108.19	0.00602	
88.39	-109.60	0.00603	86.97	-111.02	0.00604	
84.85	-113.14	0.00604	81.32	-116.67	0.00602	

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00594	70.71	-127.28	0.00566
63.64	-134.35	0.00526	56.57	-141.42	0.00483
49.50	-148.49	0.00440	42.43	-155.56	0.00401
35.36	-162.63	0.00366	28.28	-169.71	0.00334

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	0.00176	169.71	-42.43	0.00204
162.63	-49.50	0.00240	155.56	-56.57	0.00287
148.49	-63.64	0.00345	141.42	-70.71	0.00417
134.35	-77.78	0.00502	127.28	-84.85	0.00596
123.74	-88.39	0.00645	120.21	-91.92	0.00691
118.09	-94.05	0.00714	116.67	-95.46	0.00726
115.26	-96.87	0.00735	113.84	-98.29	0.00742
112.43	-99.70	0.00747	99.70	-112.43	0.00595
98.29	-113.84	0.00594	96.87	-115.26	0.00595
95.46	-116.67	0.00596	94.05	-118.09	0.00597
91.92	-120.21	0.00598	88.39	-123.74	0.00595
84.85	-127.28	0.00587	77.78	-134.35	0.00558
70.71	-141.42	0.00518	63.64	-148.49	0.00474
56.57	-155.56	0.00432	49.50	-162.63	0.00393
42.43	-169.71	0.00358	35.36	-176.78	0.00326
183.85	-42.43	0.00161	176.78	-49.50	0.00186
169.71	-56.57	0.00219	162.63	-63.64	0.00261
155.56	-70.71	0.00317	148.49	-77.78	0.00388
141.42	-84.85	0.00476	134.35	-91.92	0.00575
130.81	-95.46	0.00625	127.28	-98.99	0.00674
125.16	-101.12	0.00699	123.74	-102.53	0.00713
122.33	-103.94	0.00722	120.92	-105.36	0.00727
119.50	-106.77	0.00733	106.77	-119.50	0.00587
105.36	-120.92	0.00585	103.94	-122.33	0.00586
102.53	-123.74	0.00587	101.12	-125.16	0.00588
98.99	-127.28	0.00589	95.46	-130.81	0.00586
91.92	-134.35	0.00578	84.85	-141.42	0.00548
77.78	-148.49	0.00507	70.71	-155.56	0.00463
63.64	-162.63	0.00421	56.57	-169.71	0.00382
49.50	-176.78	0.00347	42.43	-183.85	0.00316

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00147	183.85	-56.57	0.00169
176.78	-63.64	0.00197	169.71	-70.71	0.00234
162.63	-77.78	0.00284	155.56	-84.85	0.00351
148.49	-91.92	0.00439	141.42	-98.99	0.00544
137.89	-102.53	0.00599	134.35	-106.07	0.00650
132.23	-108.19	0.00677	130.81	-109.60	0.00692
129.40	-111.02	0.00704	127.99	-112.43	0.00710
126.57	-113.84	0.00716	113.84	-126.57	0.00576
112.43	-127.99	0.00575	111.02	-129.40	0.00576
109.60	-130.81	0.00577	108.19	-132.23	0.00578

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
106.07	-134.35	0.00578	102.53	-137.89	0.00575
98.99	-141.42	0.00566	91.92	-148.49	0.00534
84.85	-155.56	0.00493	77.78	-162.63	0.00450
70.71	-169.71	0.00408	63.64	-176.78	0.00369
56.57	-183.85	0.00335	49.50	-190.92	0.00304
197.99	-56.57	0.00133	190.92	-63.64	0.00152
183.85	-70.71	0.00176	176.78	-77.78	0.00207
169.71	-84.85	0.00250	162.63	-91.92	0.00309
155.56	-98.99	0.00390	148.49	-106.07	0.00499
144.96	-109.60	0.00559	141.42	-113.14	0.00617
139.30	-115.26	0.00647	137.89	-116.67	0.00664
136.47	-118.09	0.00678	135.06	-119.50	0.00686
133.64	-120.92	0.00692	120.92	-133.64	0.00563
119.50	-135.06	0.00562	118.09	-136.47	0.00563
116.67	-137.89	0.00564	115.26	-139.30	0.00565
113.14	-141.42	0.00564	109.60	-144.96	0.00559
106.07	-148.49	0.00549	98.99	-155.56	0.00516
91.92	-162.63	0.00475	84.85	-169.71	0.00432
77.78	-176.78	0.00390	70.71	-183.85	0.00353
63.64	-190.92	0.00319	56.57	-197.99	0.00291
205.06	-63.64	0.00119	197.99	-70.71	0.00136
190.92	-77.78	0.00156	183.85	-84.85	0.00182
176.78	-91.92	0.00216	169.71	-98.99	0.00264
162.63	-106.07	0.00332	155.56	-113.14	0.00433

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00496	148.49	-120.21	0.00563
146.37	-122.33	0.00600	144.96	-123.74	0.00621
143.54	-125.16	0.00639	142.13	-126.57	0.00651
140.71	-127.99	0.00659	127.99	-140.71	0.00548
126.57	-142.13	0.00546	125.16	-143.54	0.00546
123.74	-144.96	0.00547	122.33	-146.37	0.00546
120.21	-148.49	0.00545	116.67	-152.03	0.00538
113.14	-155.56	0.00526	106.07	-162.63	0.00493
98.99	-169.71	0.00451	91.92	-176.78	0.00408
84.85	-183.85	0.00368	77.78	-190.92	0.00333
70.71	-197.99	0.00302	63.64	-205.06	0.00275
212.13	-70.71	0.00106	205.06	-77.78	0.00120
197.99	-84.85	0.00136	190.92	-91.92	0.00157
183.85	-98.99	0.00185	176.78	-106.07	0.00221
169.71	-113.14	0.00272	162.63	-120.21	0.00351
159.10	-123.74	0.00406	155.56	-127.28	0.00474

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

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00518	152.03	-130.81	0.00546
150.61	-132.23	0.00572	149.20	-133.64	0.00592
147.79	-135.06	0.00609	135.06	-147.79	0.00527
133.64	-149.20	0.00524	132.23	-150.61	0.00523
130.81	-152.03	0.00522	129.40	-153.44	0.00520
127.28	-155.56	0.00517	123.74	-159.10	0.00507
120.21	-162.63	0.00494	113.14	-169.71	0.00459
106.07	-176.78	0.00419	98.99	-183.85	0.00379
91.92	-190.92	0.00343	84.85	-197.99	0.00310
77.78	-205.06	0.00282	70.71	-212.13	0.00258
219.20	-77.78	0.00094	212.13	-84.85	0.00104
205.06	-91.92	0.00118	197.99	-98.99	0.00134
190.92	-106.07	0.00155	183.85	-113.14	0.00182
176.78	-120.21	0.00218	169.71	-127.28	0.00269
166.17	-130.81	0.00304	162.63	-134.35	0.00351
160.51	-136.47	0.00387	159.10	-137.89	0.00414
157.68	-139.30	0.00444	156.27	-140.71	0.00476
154.86	-142.13	0.00507	142.13	-154.86	0.00495

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00489	139.30	-157.68	0.00485
137.89	-159.10	0.00481	136.47	-160.51	0.00478
134.35	-162.63	0.00472	130.81	-166.17	0.00460
127.28	-169.71	0.00445	120.21	-176.78	0.00413
113.14	-183.85	0.00378	106.07	-190.92	0.00344
98.99	-197.99	0.00313	91.92	-205.06	0.00285
84.85	-212.13	0.00261	77.78	-219.20	0.00239
226.27	-84.85	0.00082	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	0.00168	176.78	-134.35	0.00197
173.24	-137.89	0.00215	169.71	-141.42	0.00236
167.58	-143.54	0.00249	166.17	-144.96	0.00259
164.76	-146.37	0.00271	163.34	-147.79	0.00285
161.93	-149.20	0.00306	149.20	-161.93	0.00424
147.79	-163.34	0.00415	146.37	-164.76	0.00408
144.96	-166.17	0.00404	143.54	-167.58	0.00401
141.42	-169.71	0.00397	137.89	-173.24	0.00389
134.35	-176.78	0.00380	127.28	-183.85	0.00358
120.21	-190.92	0.00332	113.14	-197.99	0.00306
106.07	-205.06	0.00281	98.99	-212.13	0.00258
91.92	-219.20	0.00238	84.85	-226.27	0.00219

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00071	226.27	-98.99	0.00078
219.20	-106.07	0.00085	212.13	-113.14	0.00093
205.06	-120.21	0.00103	197.99	-127.28	0.00114
190.92	-134.35	0.00127	183.85	-141.42	0.00140
180.31	-144.96	0.00146	176.78	-148.49	0.00151
174.66	-150.61	0.00153	173.24	-152.03	0.00153
171.83	-153.44	0.00153	170.41	-154.86	0.00153
169.00	-156.27	0.00152	156.27	-169.00	0.00266
154.86	-170.41	0.00278	153.44	-171.83	0.00287
152.03	-173.24	0.00294	150.61	-174.66	0.00299
148.49	-176.78	0.00304	144.96	-180.31	0.00308
141.42	-183.85	0.00307	134.35	-190.92	0.00298

18NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00283	120.21	-205.06	0.00265
113.14	-212.13	0.00247	106.07	-219.20	0.00230
98.99	-226.27	0.00214	91.92	-233.35	0.00199
240.42	-98.99	0.00062	233.35	-106.07	0.00067
226.27	-113.14	0.00072	219.20	-120.21	0.00078
212.13	-127.28	0.00084	205.06	-134.35	0.00091
197.99	-141.42	0.00097	190.92	-148.49	0.00103
187.38	-152.03	0.00105	183.85	-155.56	0.00106
181.73	-157.68	0.00106	180.31	-159.10	0.00106
178.90	-160.51	0.00107	177.48	-161.93	0.00108
176.07	-163.34	0.00110	163.34	-176.07	0.00173
161.93	-177.48	0.00183	160.51	-178.90	0.00193
159.10	-180.31	0.00202	157.68	-181.73	0.00211
155.56	-183.85	0.00221	152.03	-187.38	0.00234
148.49	-190.92	0.00241	141.42	-197.99	0.00244
134.35	-205.06	0.00238	127.28	-212.13	0.00228
120.21	-219.20	0.00216	113.14	-226.27	0.00203
106.07	-233.35	0.00191	98.99	-240.42	0.00180
247.49	-106.07	0.00054	240.42	-113.14	0.00058
233.35	-120.21	0.00061	226.27	-127.28	0.00065
219.20	-134.35	0.00069	212.13	-141.42	0.00074
205.06	-148.49	0.00077	197.99	-155.56	0.00079
194.45	-159.10	0.00080	190.92	-162.63	0.00082
188.80	-164.76	0.00084	187.38	-166.17	0.00085
185.97	-167.58	0.00086	184.55	-169.00	0.00088
183.14	-170.41	0.00091	170.41	-183.14	0.00131
169.00	-184.55	0.00137	167.58	-185.97	0.00143
166.17	-187.38	0.00149	164.76	-188.80	0.00154

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 18:47:39  
 \*\*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
162.63	-190.92	0.00162	159.10	-194.45	0.00174
155.56	-197.99	0.00184	148.49	-205.06	0.00195
141.42	-212.13	0.00197	134.35	-219.20	0.00194
127.28	-226.27	0.00187	120.21	-233.35	0.00179
113.14	-240.42	0.00170	106.07	-247.49	0.00162

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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 0.00645 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00645 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00645 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA

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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 0.00645 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00645 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA



18NCRA NAPA97-300_DPM TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00630	AT (	-139.30,	157.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630	AT (	-130.81,	152.03,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00806	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00804	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00804	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00802	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00801	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00800	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00800	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00799	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00798	AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00798	AT (	-6.36,	21.92,	0.00,	1.20)	DC	NA

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

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

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

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

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

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

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