

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 18:03:21

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

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

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -162.28 -155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 45 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 45 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 45 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 45 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 45 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\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\13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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

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

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\*\*MODELOPTs:

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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\13NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\13NCRA-1.LST

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

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\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA\_S1 through NCRA\_S5 with various emission and coordinate data.

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

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\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* 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 NE/SW Bound Direction \*\*\*

18:03:23
\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

( -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);

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

18:03:23  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
(METERS)

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -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);

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

( -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);
( -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);



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

04/20/08

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

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

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18:03:23

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

18:03:23  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
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 NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00013	-240.42	-113.14	0.00014
-233.35	-120.21	0.00014	-226.27	-127.28	0.00014
-219.20	-134.35	0.00014	-212.13	-141.42	0.00015
-205.06	-148.49	0.00015	-197.99	-155.56	0.00015
-194.45	-159.10	0.00015	-190.92	-162.63	0.00015
-188.80	-164.76	0.00015	-187.38	-166.17	0.00015
-185.97	-167.58	0.00015	-184.55	-169.00	0.00015
-183.14	-170.41	0.00015	-170.41	-183.14	0.00015
-169.00	-184.55	0.00015	-167.58	-185.97	0.00015
-166.17	-187.38	0.00015	-164.76	-188.80	0.00015
-162.63	-190.92	0.00015	-159.10	-194.45	0.00015
-155.56	-197.99	0.00015	-148.49	-205.06	0.00014
-141.42	-212.13	0.00014	-134.35	-219.20	0.00014
-127.28	-226.27	0.00013	-120.21	-233.35	0.00013
-113.14	-240.42	0.00013	-106.07	-247.49	0.00013
-240.42	-98.99	0.00014	-233.35	-106.07	0.00014
-226.27	-113.14	0.00014	-219.20	-120.21	0.00015



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-164.76	-146.37	0.00017	-163.34	-147.79	0.00017
-161.93	-149.20	0.00017	-149.20	-161.93	0.00017
-147.79	-163.34	0.00017	-146.37	-164.76	0.00017
-144.96	-166.17	0.00017	-143.54	-167.58	0.00017
-141.42	-169.71	0.00017	-137.89	-173.24	0.00017
-134.35	-176.78	0.00017	-127.28	-183.85	0.00016
-120.21	-190.92	0.00016	-113.14	-197.99	0.00015
-106.07	-205.06	0.00015	-98.99	-212.13	0.00015
-91.92	-219.20	0.00014	-84.85	-226.27	0.00014
-219.20	-77.78	0.00016	-212.13	-84.85	0.00016
-205.06	-91.92	0.00016	-197.99	-99.00	0.00017
-190.92	-106.07	0.00017	-183.85	-113.14	0.00017
-176.78	-120.21	0.00017	-169.71	-127.28	0.00018
-166.17	-130.81	0.00018	-162.63	-134.35	0.00018
-160.51	-136.47	0.00018	-159.10	-137.89	0.00018
-157.68	-139.30	0.00018	-156.27	-140.71	0.00018
-154.86	-142.13	0.00018	-142.13	-154.86	0.00018
-140.71	-156.27	0.00018	-139.30	-157.68	0.00018
-137.89	-159.10	0.00018	-136.47	-160.51	0.00018
-134.35	-162.63	0.00018	-130.81	-166.17	0.00018
-127.28	-169.71	0.00017	-120.21	-176.78	0.00017
-113.14	-183.85	0.00017	-106.07	-190.92	0.00016
-98.99	-197.99	0.00016	-91.92	-205.06	0.00015
-84.85	-212.13	0.00015	-77.78	-219.20	0.00015
-212.13	-70.71	0.00016	-205.06	-77.78	0.00017
-197.99	-84.85	0.00017	-190.92	-91.92	0.00017
-183.85	-98.99	0.00018	-176.78	-106.07	0.00018
-169.71	-113.14	0.00018	-162.63	-120.21	0.00019
-159.10	-123.74	0.00019	-155.56	-127.28	0.00019

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

18:03:23  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00019	-152.03	-130.81	0.00019
-150.61	-132.23	0.00019	-149.20	-133.64	0.00019
-147.79	-135.06	0.00019	-135.06	-147.79	0.00019
-133.64	-149.20	0.00019	-132.23	-150.61	0.00019
-130.81	-152.03	0.00019	-129.40	-153.44	0.00019

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-155.56	0.00019	-123.74	-159.10	0.00018
-120.21	-162.63	0.00018	-113.14	-169.71	0.00018
-106.07	-176.78	0.00017	-98.99	-183.85	0.00017
-91.92	-190.92	0.00016	-84.85	-197.99	0.00016
-77.78	-205.06	0.00016	-70.71	-212.13	0.00015
-205.06	-63.64	0.00017	-197.99	-70.71	0.00017
-190.92	-77.78	0.00018	-183.85	-84.85	0.00018
-176.78	-91.92	0.00018	-169.71	-98.99	0.00019
-162.63	-106.07	0.00019	-155.56	-113.14	0.00019
-152.03	-116.67	0.00020	-148.49	-120.21	0.00020
-146.37	-122.33	0.00020	-144.96	-123.74	0.00020
-143.54	-125.16	0.00020	-142.13	-126.57	0.00020
-140.71	-127.99	0.00020	-127.99	-140.71	0.00020
-126.57	-142.13	0.00020	-125.16	-143.54	0.00020
-123.74	-144.96	0.00020	-122.33	-146.37	0.00020
-120.21	-148.49	0.00019	-116.67	-152.03	0.00019
-113.14	-155.56	0.00019	-106.07	-162.63	0.00019
-98.99	-169.71	0.00018	-91.92	-176.78	0.00018
-84.85	-183.85	0.00017	-77.78	-190.92	0.00017
-70.71	-197.99	0.00016	-63.64	-205.06	0.00016
-197.99	-56.57	0.00018	-190.92	-63.64	0.00018
-183.85	-70.71	0.00019	-176.78	-77.78	0.00019
-169.71	-84.85	0.00019	-162.63	-91.92	0.00020
-155.56	-98.99	0.00020	-148.49	-106.07	0.00020
-144.96	-109.60	0.00021	-141.42	-113.14	0.00021
-139.30	-115.26	0.00021	-137.89	-116.67	0.00021
-136.47	-118.09	0.00021	-135.06	-119.50	0.00021
-133.64	-120.92	0.00021	-120.92	-133.64	0.00021
-119.50	-135.06	0.00021	-118.09	-136.47	0.00021
-116.67	-137.89	0.00021	-115.26	-139.30	0.00021
-113.14	-141.42	0.00020	-109.60	-144.96	0.00020
-106.07	-148.49	0.00020	-98.99	-155.56	0.00019
-91.92	-162.63	0.00019	-84.85	-169.71	0.00018
-77.78	-176.78	0.00018	-70.71	-183.85	0.00018
-63.64	-190.92	0.00017	-56.57	-197.99	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 18:03:23  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

13NCRA NAPA97-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00018	-183.85	-56.57	0.00019
-176.78	-63.64	0.00019	-169.71	-70.71	0.00020
-162.63	-77.78	0.00020	-155.56	-84.85	0.00021
-148.49	-91.92	0.00021	-141.42	-98.99	0.00021
-137.89	-102.53	0.00022	-134.35	-106.07	0.00022
-132.23	-108.19	0.00022	-130.81	-109.60	0.00022
-129.40	-111.02	0.00022	-127.99	-112.43	0.00022
-126.57	-113.84	0.00022	-113.84	-126.57	0.00022
-112.43	-127.99	0.00022	-111.02	-129.40	0.00022
-109.60	-130.81	0.00022	-108.19	-132.23	0.00022
-106.07	-134.35	0.00021	-102.53	-137.89	0.00021
-98.99	-141.42	0.00021	-91.92	-148.49	0.00020
-84.85	-155.56	0.00020	-77.78	-162.63	0.00019
-70.71	-169.71	0.00019	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00018
-183.85	-42.43	0.00019	-176.78	-49.50	0.00020
-169.71	-56.57	0.00020	-162.63	-63.64	0.00021
-155.56	-70.71	0.00021	-148.49	-77.78	0.00022
-141.42	-84.85	0.00022	-134.35	-91.92	0.00023
-130.81	-95.46	0.00023	-127.28	-98.99	0.00023
-125.16	-101.12	0.00023	-123.74	-102.53	0.00023
-122.33	-103.94	0.00023	-120.92	-105.36	0.00023
-119.50	-106.77	0.00023	-106.77	-119.50	0.00023
-105.36	-120.92	0.00023	-103.94	-122.33	0.00023
-102.53	-123.74	0.00023	-101.12	-125.16	0.00023
-98.99	-127.28	0.00023	-95.46	-130.81	0.00022
-91.92	-134.35	0.00022	-84.85	-141.42	0.00021
-77.78	-148.49	0.00021	-70.71	-155.56	0.00020
-63.64	-162.63	0.00020	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00019
-176.78	-35.36	0.00020	-169.71	-42.43	0.00021
-162.63	-49.50	0.00021	-155.56	-56.57	0.00022
-148.49	-63.64	0.00022	-141.42	-70.71	0.00023
-134.35	-77.78	0.00023	-127.28	-84.85	0.00024
-123.74	-88.39	0.00024	-120.21	-91.92	0.00024
-118.09	-94.05	0.00024	-116.67	-95.46	0.00024
-115.26	-96.87	0.00024	-113.84	-98.29	0.00024
-112.43	-99.70	0.00024	-99.70	-112.43	0.00024
-98.29	-113.84	0.00024	-96.87	-115.26	0.00024
-95.46	-116.67	0.00024	-94.05	-118.09	0.00024

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:03:23

\*\*MODELOPTs:



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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00024	-88.39	-123.74	0.00024
-84.85	-127.28	0.00023	-77.78	-134.35	0.00023
-70.71	-141.42	0.00022	-63.64	-148.49	0.00021
-56.57	-155.56	0.00021	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00020
-169.71	-28.28	0.00021	-162.63	-35.36	0.00022
-155.56	-42.43	0.00022	-148.49	-49.50	0.00023
-141.42	-56.57	0.00024	-134.35	-63.64	0.00024
-127.28	-70.71	0.00025	-120.21	-77.78	0.00025
-116.67	-81.32	0.00025	-113.14	-84.85	0.00026
-111.02	-86.97	0.00026	-109.60	-88.39	0.00026
-108.19	-89.80	0.00026	-106.77	-91.22	0.00026
-105.36	-92.63	0.00026	-92.63	-105.36	0.00026
-91.22	-106.77	0.00026	-89.80	-108.19	0.00026
-88.39	-109.60	0.00025	-86.97	-111.02	0.00025
-84.85	-113.14	0.00025	-81.32	-116.67	0.00025
-77.78	-120.21	0.00025	-70.71	-127.28	0.00024
-63.64	-134.35	0.00023	-56.57	-141.42	0.00022
-49.50	-148.49	0.00022	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00021
-162.63	-21.21	0.00022	-155.56	-28.28	0.00023
-148.49	-35.36	0.00024	-141.42	-42.43	0.00024
-134.35	-49.50	0.00025	-127.28	-56.57	0.00025
-120.21	-63.64	0.00026	-113.14	-70.71	0.00027
-109.60	-74.25	0.00027	-106.07	-77.78	0.00027
-103.94	-79.90	0.00027	-102.53	-81.32	0.00027
-101.12	-82.73	0.00027	-99.70	-84.15	0.00027
-98.29	-85.56	0.00027	-85.56	-98.29	0.00027
-84.15	-99.70	0.00027	-82.73	-101.12	0.00027
-81.32	-102.53	0.00027	-79.90	-103.94	0.00027
-77.78	-106.07	0.00027	-74.25	-109.60	0.00026
-70.71	-113.14	0.00026	-63.64	-120.21	0.00025
-56.57	-127.28	0.00024	-49.50	-134.35	0.00024
-42.43	-141.42	0.00023	-35.36	-148.49	0.00023
-28.28	-155.56	0.00022	-21.21	-162.63	0.00022
-155.56	-14.14	0.00023	-148.49	-21.21	0.00024
-141.42	-28.28	0.00025	-134.35	-35.36	0.00026



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-79.90	-61.52	0.00033	-78.49	-62.93	0.00033
-77.07	-64.35	0.00033	-64.35	-77.07	0.00033
-62.93	-78.49	0.00033	-61.52	-79.90	0.00032
-60.10	-81.32	0.00032	-58.69	-82.73	0.00032
-56.57	-84.85	0.00032	-53.03	-88.39	0.00031
-49.50	-91.92	0.00031	-42.43	-98.99	0.00030
-35.36	-106.07	0.00029	-28.28	-113.14	0.00028
-21.21	-120.21	0.00027	-14.14	-127.28	0.00027
-7.07	-134.35	0.00026	0.00	-141.42	0.00026

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 29  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00027	-127.28	0.00	0.00028
-120.21	-7.07	0.00029	-113.14	-14.14	0.00030
-106.07	-21.21	0.00031	-98.99	-28.28	0.00032
-91.92	-35.36	0.00033	-84.85	-42.43	0.00034
-81.32	-45.96	0.00034	-77.78	-49.50	0.00035
-75.66	-51.62	0.00035	-74.25	-53.03	0.00035
-72.83	-54.45	0.00035	-71.42	-55.86	0.00035
-70.00	-57.28	0.00035	-57.28	-70.00	0.00035
-55.86	-71.42	0.00035	-54.45	-72.83	0.00035
-53.03	-74.25	0.00034	-51.62	-75.66	0.00034
-49.50	-77.78	0.00034	-45.96	-81.32	0.00033
-42.43	-84.85	0.00033	-35.36	-91.92	0.00032
-28.28	-98.99	0.00031	-21.21	-106.07	0.00030
-14.14	-113.14	0.00029	-7.07	-120.21	0.00028
0.00	-127.28	0.00028	7.07	-134.35	0.00027
-127.28	14.14	0.00029	-120.21	7.07	0.00030
-113.14	0.00	0.00031	-106.07	-7.07	0.00032
-98.99	-14.14	0.00033	-91.92	-21.21	0.00034
-84.85	-28.28	0.00035	-77.78	-35.36	0.00036
-74.25	-38.89	0.00037	-70.71	-42.43	0.00037
-68.59	-44.55	0.00037	-67.18	-45.96	0.00037
-65.76	-47.38	0.00038	-64.35	-48.79	0.00038
-62.93	-50.20	0.00038	-50.20	-62.93	0.00037
-48.79	-64.35	0.00037	-47.38	-65.76	0.00037
-45.96	-67.18	0.00037	-44.55	-68.59	0.00037

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-70.71	0.00036	-38.89	-74.25	0.00036
-35.36	-77.78	0.00035	-28.28	-84.85	0.00034
-21.21	-91.92	0.00033	-14.14	-98.99	0.00032
-7.07	-106.07	0.00031	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00029
-120.21	21.21	0.00030	-113.14	14.14	0.00032
-106.07	7.07	0.00033	-98.99	0.00	0.00034
-91.92	-7.07	0.00035	-84.85	-14.14	0.00037
-77.78	-21.21	0.00038	-70.71	-28.28	0.00039
-67.18	-31.82	0.00039	-63.64	-35.36	0.00040
-61.52	-37.48	0.00040	-60.10	-38.89	0.00040
-58.69	-40.31	0.00040	-57.28	-41.72	0.00040
-55.86	-43.13	0.00040	-43.13	-55.86	0.00040
-41.72	-57.28	0.00040	-40.31	-58.69	0.00040
-38.89	-60.10	0.00040	-37.48	-61.52	0.00039

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

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

18:03:23

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00039	-31.82	-67.18	0.00038
-28.28	-70.71	0.00038	-21.21	-77.78	0.00036
-14.14	-84.85	0.00035	-7.07	-91.92	0.00034
0.00	-98.99	0.00033	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00030
-113.14	28.28	0.00032	-106.07	21.21	0.00033
-98.99	14.14	0.00035	-91.92	7.07	0.00036
-84.85	0.00	0.00038	-77.78	-7.07	0.00039
-70.71	-14.14	0.00040	-63.64	-21.21	0.00042
-60.10	-24.75	0.00042	-56.57	-28.28	0.00043
-54.45	-30.41	0.00043	-53.03	-31.82	0.00043
-51.62	-33.23	0.00043	-50.20	-34.65	0.00044
-48.79	-36.06	0.00044	-36.06	-48.79	0.00043
-34.65	-50.20	0.00043	-33.23	-51.62	0.00043
-31.82	-53.03	0.00043	-30.41	-54.45	0.00042
-28.28	-56.57	0.00042	-24.75	-60.10	0.00041
-21.21	-63.64	0.00040	-14.14	-70.71	0.00039
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00032
-106.07	35.36	0.00033	-98.99	28.28	0.00035
-91.92	21.21	0.00037	-84.85	14.14	0.00039
-77.78	7.07	0.00041	-70.71	0.00	0.00042
-63.64	-7.07	0.00044	-56.57	-14.14	0.00045
-53.03	-17.68	0.00046	-49.50	-21.21	0.00046
-47.38	-23.33	0.00047	-45.96	-24.75	0.00047
-44.55	-26.16	0.00047	-43.13	-27.58	0.00047
-41.72	-28.99	0.00047	-28.99	-41.72	0.00047
-27.58	-43.13	0.00046	-26.16	-44.55	0.00046
-24.75	-45.96	0.00046	-23.33	-47.38	0.00046
-21.21	-49.50	0.00045	-17.68	-53.03	0.00044
-14.14	-56.57	0.00043	-7.07	-63.64	0.00042
0.00	-70.71	0.00040	7.07	-77.78	0.00039
14.14	-84.85	0.00038	21.21	-91.92	0.00037
28.28	-98.99	0.00036	35.36	-106.07	0.00035
-98.99	42.43	0.00035	-91.92	35.36	0.00037
-84.85	28.28	0.00040	-77.78	21.21	0.00042
-70.71	14.14	0.00043	-63.64	7.07	0.00045
-56.57	0.00	0.00047	-49.50	-7.07	0.00049
-45.96	-10.61	0.00049	-42.43	-14.14	0.00050

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00050	-38.89	-17.68	0.00051
-37.48	-19.09	0.00051	-36.06	-20.51	0.00051
-34.65	-21.92	0.00051	-21.92	-34.65	0.00051
-20.51	-36.06	0.00050	-19.09	-37.48	0.00050
-17.68	-38.89	0.00050	-16.26	-40.31	0.00049
-14.14	-42.43	0.00049	-10.61	-45.96	0.00048
-7.07	-49.50	0.00047	0.00	-56.57	0.00045
7.07	-63.64	0.00043	14.14	-70.71	0.00042
21.21	-77.78	0.00041	28.28	-84.85	0.00040
35.36	-91.92	0.00038	42.43	-98.99	0.00037
-91.92	49.50	0.00037	-84.85	42.43	0.00040
-77.78	35.36	0.00042	-70.71	28.28	0.00045
-63.64	21.21	0.00047	-56.57	14.14	0.00049

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	7.07	0.00051	-42.43	0.00	0.00053
-38.89	-3.54	0.00054	-35.36	-7.07	0.00054
-33.23	-9.19	0.00055	-31.82	-10.61	0.00055
-30.41	-12.02	0.00055	-28.99	-13.44	0.00055
-27.58	-14.85	0.00056	-14.85	-27.58	0.00055
-13.44	-28.99	0.00055	-12.02	-30.41	0.00054
-10.61	-31.82	0.00054	-9.19	-33.23	0.00054
-7.07	-35.36	0.00053	-3.54	-38.89	0.00052
0.00	-42.43	0.00051	7.07	-49.50	0.00048
14.14	-56.57	0.00047	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00042
42.43	-84.85	0.00041	49.50	-91.92	0.00039
-84.85	56.57	0.00039	-77.78	49.50	0.00042
-70.71	42.43	0.00045	-63.64	35.36	0.00048
-56.57	28.28	0.00050	-49.50	21.21	0.00053
-42.43	14.14	0.00055	-35.36	7.07	0.00057
-31.82	3.54	0.00058	-28.28	0.00	0.00059
-26.16	-2.12	0.00060	-24.75	-3.54	0.00060
-23.33	-4.95	0.00060	-21.92	-6.36	0.00061
-20.51	-7.78	0.00061	-7.78	-20.51	0.00060
-6.36	-21.92	0.00060	-4.95	-23.33	0.00059
-3.54	-24.75	0.00059	-2.12	-26.16	0.00058
0.00	-28.28	0.00058	3.54	-31.82	0.00056
7.07	-35.36	0.00055	14.14	-42.43	0.00052
21.21	-49.50	0.00051	28.28	-56.57	0.00049
35.36	-63.64	0.00047	42.43	-70.71	0.00046
49.50	-77.78	0.00044	56.57	-84.85	0.00042

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 32  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00041	-70.71	56.57	0.00045
-63.64	49.50	0.00048	-56.57	42.43	0.00051
-49.50	35.36	0.00054	-42.43	28.28	0.00057
-35.36	21.21	0.00060	-28.28	14.14	0.00062
-24.75	10.61	0.00064	-21.21	7.07	0.00065
-19.09	4.95	0.00065	-17.68	3.54	0.00066
-16.26	2.12	0.00066	-14.85	0.71	0.00067

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-13.44	-0.71	0.00067	-0.71	-13.44	0.00066
0.71	-14.85	0.00066	2.12	-16.26	0.00065
3.54	-17.68	0.00064	4.95	-19.09	0.00064
7.07	-21.21	0.00063	10.61	-24.75	0.00061
14.14	-28.28	0.00060	21.21	-35.36	0.00057
28.28	-42.43	0.00055	35.36	-49.50	0.00053
42.43	-56.57	0.00052	49.50	-63.64	0.00049
56.57	-70.71	0.00047	63.64	-77.78	0.00045
-70.71	70.71	0.00044	-63.64	63.64	0.00048
-56.57	56.57	0.00051	-49.50	49.50	0.00055
-42.43	42.43	0.00059	-35.36	35.36	0.00062
-28.28	28.28	0.00066	-21.21	21.21	0.00069
-17.68	17.68	0.00070	-14.14	14.14	0.00071
-12.02	12.02	0.00072	-10.61	10.61	0.00073
-9.19	9.19	0.00073	-7.78	7.78	0.00073
-6.36	6.36	0.00074	6.36	-6.36	0.00073
7.78	-7.78	0.00072	9.19	-9.19	0.00072
10.61	-10.61	0.00071	12.02	-12.02	0.00070
14.14	-14.14	0.00069	17.68	-17.68	0.00067
21.21	-21.21	0.00066	28.28	-28.28	0.00063
35.36	-35.36	0.00060	42.43	-42.43	0.00058
49.50	-49.50	0.00056	56.57	-56.57	0.00054
63.64	-63.64	0.00051	70.71	-70.71	0.00048
-63.64	77.78	0.00046	-56.57	70.71	0.00050
-49.50	63.64	0.00055	-42.43	56.57	0.00059
-35.36	49.50	0.00064	-28.28	42.43	0.00068
-21.21	35.36	0.00072	-14.14	28.28	0.00075
-10.61	24.75	0.00077	-7.07	21.21	0.00079
-4.95	19.09	0.00080	-3.54	17.68	0.00080
-2.12	16.26	0.00081	-0.71	14.85	0.00081
0.71	13.44	0.00082	13.44	0.71	0.00081
14.85	-0.71	0.00080	16.26	-2.12	0.00079
17.68	-3.54	0.00078	19.09	-4.95	0.00078

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00076	24.75	-10.61	0.00074

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-14.14	0.00072	35.36	-21.21	0.00069
42.43	-28.28	0.00066	49.50	-35.36	0.00064
56.57	-42.43	0.00061	63.64	-49.50	0.00058
70.71	-56.57	0.00055	77.78	-63.64	0.00051
-56.57	84.85	0.00047	-49.50	77.78	0.00053
-42.43	70.71	0.00058	-35.36	63.64	0.00064
-28.28	56.57	0.00069	-21.21	49.50	0.00074
-14.14	42.43	0.00079	-7.07	35.36	0.00083
-3.54	31.82	0.00086	0.00	28.28	0.00088
2.12	26.16	0.00089	3.54	24.75	0.00089
4.95	23.33	0.00090	6.36	21.92	0.00091
7.78	20.51	0.00091	20.51	7.78	0.00090
21.92	6.36	0.00089	23.33	4.95	0.00088
24.75	3.54	0.00087	26.16	2.12	0.00086
28.28	0.00	0.00084	31.82	-3.54	0.00082
35.36	-7.07	0.00080	42.43	-14.14	0.00076
49.50	-21.21	0.00073	56.57	-28.28	0.00070
63.64	-35.36	0.00067	70.71	-42.43	0.00063
77.78	-49.50	0.00059	84.85	-56.57	0.00054
-49.50	91.92	0.00049	-42.43	84.85	0.00055
-35.36	77.78	0.00062	-28.28	70.71	0.00069
-21.21	63.64	0.00075	-14.14	56.57	0.00082
-7.07	49.50	0.00088	0.00	42.43	0.00093
3.54	38.89	0.00095	7.07	35.36	0.00098
9.19	33.23	0.00099	10.61	31.82	0.00100
12.02	30.41	0.00101	13.44	28.99	0.00102
14.85	27.58	0.00102	27.58	14.85	0.00101
28.99	13.44	0.00100	30.41	12.02	0.00098
31.82	10.61	0.00097	33.23	9.19	0.00096
35.36	7.07	0.00094	38.89	3.54	0.00091
42.43	0.00	0.00089	49.50	-7.07	0.00085
56.57	-14.14	0.00081	63.64	-21.21	0.00077
70.71	-28.28	0.00073	77.78	-35.36	0.00068
84.85	-42.43	0.00063	91.92	-49.50	0.00057
-42.43	98.99	0.00051	-35.36	91.92	0.00058
-28.28	84.85	0.00065	-21.21	77.78	0.00074
-14.14	70.71	0.00082	-7.07	63.64	0.00090
0.00	56.57	0.00097	7.07	49.50	0.00104
10.61	45.96	0.00107	14.14	42.43	0.00110

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_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	0.00112	17.68	38.89	0.00113	
19.09	37.48	0.00114	20.51	36.06	0.00115	
21.92	34.65	0.00115	34.65	21.92	0.00113	
36.06	20.51	0.00112	37.48	19.09	0.00111	
38.89	17.68	0.00109	40.31	16.26	0.00108	
42.43	14.14	0.00106	45.96	10.61	0.00102	
49.50	7.07	0.00099	56.57	0.00	0.00095	
63.64	-7.07	0.00090	70.71	-14.14	0.00085	
77.78	-21.21	0.00080	84.85	-28.28	0.00073	
91.92	-35.36	0.00067	98.99	-42.43	0.00060	
-35.36	106.07	0.00052	-28.28	98.99	0.00060	
-21.21	91.92	0.00069	-14.14	84.85	0.00078	
-7.07	77.78	0.00089	0.00	70.71	0.00099	
7.07	63.64	0.00108	14.14	56.57	0.00117	
17.68	53.03	0.00120	21.21	49.50	0.00124	
23.33	47.38	0.00126	24.75	45.96	0.00128	
26.16	44.55	0.00129	27.58	43.13	0.00130	
28.99	41.72	0.00131	41.72	28.99	0.00129	
43.13	27.58	0.00127	44.55	26.16	0.00125	
45.96	24.75	0.00124	47.38	23.33	0.00122	
49.50	21.21	0.00119	53.03	17.68	0.00115	
56.57	14.14	0.00112	63.64	7.07	0.00107	
70.71	0.00	0.00101	77.78	-7.07	0.00094	
84.85	-14.14	0.00087	91.92	-21.21	0.00079	
98.99	-28.28	0.00070	106.07	-35.36	0.00063	
-28.28	113.14	0.00054	-21.21	106.07	0.00062	
-14.14	98.99	0.00072	-7.07	91.92	0.00083	
0.00	84.85	0.00095	7.07	77.78	0.00108	
14.14	70.71	0.00120	21.21	63.64	0.00132	
24.75	60.10	0.00137	28.28	56.57	0.00141	
30.41	54.45	0.00144	31.82	53.03	0.00146	
33.23	51.62	0.00148	34.65	50.20	0.00149	
36.06	48.79	0.00151	48.79	36.06	0.00147	
50.20	34.65	0.00145	51.62	33.23	0.00143	
53.03	31.82	0.00141	54.45	30.41	0.00139	
56.57	28.28	0.00136	60.10	24.75	0.00131	
63.64	21.21	0.00128	70.71	14.14	0.00121	
77.78	7.07	0.00113	84.85	0.00	0.00104	
91.92	-7.07	0.00094	98.99	-14.14	0.00084	

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07 -21.21 0.00074 113.14 -28.28 0.00065

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00055	-14.14	113.14	0.00064
-7.07	106.07	0.00074	0.00	98.99	0.00087
7.07	91.92	0.00102	14.14	84.85	0.00118
21.21	77.78	0.00134	28.28	70.71	0.00149
31.82	67.18	0.00156	35.36	63.64	0.00162
37.48	61.52	0.00165	38.89	60.10	0.00168
40.31	58.69	0.00170	41.72	57.28	0.00172
43.13	55.86	0.00174	55.86	43.13	0.00170
57.28	41.72	0.00167	58.69	40.31	0.00164
60.10	38.89	0.00162	61.52	37.48	0.00159
63.64	35.36	0.00156	67.18	31.82	0.00151
70.71	28.28	0.00146	77.78	21.21	0.00137
84.85	14.14	0.00126	91.92	7.07	0.00114
98.99	0.00	0.00101	106.07	-7.07	0.00088
113.14	-14.14	0.00076	120.21	-21.21	0.00066
-14.14	127.28	0.00055	-7.07	120.21	0.00065
0.00	113.14	0.00077	7.07	106.07	0.00091
14.14	98.99	0.00108	21.21	91.92	0.00128
28.28	84.85	0.00149	35.36	77.78	0.00169
38.89	74.25	0.00178	42.43	70.71	0.00187
44.55	68.59	0.00191	45.96	67.18	0.00194
47.38	65.76	0.00197	48.79	64.35	0.00200
50.20	62.93	0.00203	62.93	50.20	0.00197
64.35	48.79	0.00194	65.76	47.38	0.00190
67.18	45.96	0.00187	68.59	44.55	0.00184
70.71	42.43	0.00180	74.25	38.89	0.00174
77.78	35.36	0.00169	84.85	28.28	0.00156
91.92	21.21	0.00140	98.99	14.14	0.00123
106.07	7.07	0.00107	113.14	0.00	0.00091
120.21	-7.07	0.00078	127.28	-14.14	0.00067
-7.07	134.35	0.00056	0.00	127.28	0.00066
7.07	120.21	0.00078	14.14	113.14	0.00094
21.21	106.07	0.00113	28.28	98.99	0.00136

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	91.92	0.00163	42.43	84.85	0.00191
45.96	81.32	0.00204	49.50	77.78	0.00216
51.62	75.66	0.00222	53.03	74.25	0.00226
54.45	72.83	0.00230	55.86	71.42	0.00234
57.28	70.00	0.00238	70.00	57.28	0.00231
71.42	55.86	0.00227	72.83	54.45	0.00222
74.25	53.03	0.00219	75.66	51.62	0.00215

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00211	81.32	45.96	0.00203
84.85	42.43	0.00195	91.92	35.36	0.00176
98.99	28.28	0.00154	106.07	21.21	0.00132
113.14	14.14	0.00111	120.21	7.07	0.00094
127.28	0.00	0.00079	134.35	-7.07	0.00067
0.00	141.42	0.00055	7.07	134.35	0.00066
14.14	127.28	0.00079	21.21	120.21	0.00096
28.28	113.14	0.00117	35.36	106.07	0.00143
42.43	98.99	0.00176	49.50	91.92	0.00213
53.03	88.39	0.00232	56.57	84.85	0.00249
58.69	82.73	0.00259	60.10	81.32	0.00264
61.52	79.90	0.00270	62.93	78.49	0.00275
64.35	77.07	0.00280	77.07	64.35	0.00273
78.49	62.93	0.00267	79.90	61.52	0.00262
81.32	60.10	0.00258	82.73	58.69	0.00254
84.85	56.57	0.00248	88.39	53.03	0.00237
91.92	49.50	0.00225	98.99	42.43	0.00196
106.07	35.36	0.00165	113.14	28.28	0.00138
120.21	21.21	0.00114	127.28	14.14	0.00095
134.35	7.07	0.00079	141.42	0.00	0.00066
7.07	148.49	0.00054	14.14	141.42	0.00065
21.21	134.35	0.00079	28.28	127.28	0.00096
35.36	120.21	0.00119	42.43	113.14	0.00149
49.50	106.07	0.00186	56.57	98.99	0.00232
60.10	95.46	0.00257	63.64	91.92	0.00284
65.76	89.80	0.00299	67.18	88.39	0.00308
68.59	86.97	0.00316	70.00	85.56	0.00324

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

71.42	84.15	0.00332	84.15	71.42	0.00324
85.56	70.00	0.00318	86.97	68.59	0.00312
88.39	67.18	0.00307	89.80	65.76	0.00301
91.92	63.64	0.00292	95.46	60.10	0.00274
98.99	56.57	0.00254	106.07	49.50	0.00212
113.14	42.43	0.00174	120.21	35.36	0.00142
127.28	28.28	0.00115	134.35	21.21	0.00095
141.42	14.14	0.00078	148.49	7.07	0.00065
14.14	155.56	0.00054	21.21	148.49	0.00064
28.28	141.42	0.00077	35.36	134.35	0.00095
42.43	127.28	0.00119	49.50	120.21	0.00150
56.57	113.14	0.00191	63.64	106.07	0.00244
67.18	102.53	0.00277	70.71	98.99	0.00312

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00335	74.25	95.46	0.00351
75.66	94.05	0.00366	77.07	92.63	0.00380
78.49	91.22	0.00393	91.22	78.49	0.00392
92.63	77.07	0.00383	94.05	75.66	0.00373
95.46	74.25	0.00363	96.87	72.83	0.00352
98.99	70.71	0.00335	102.53	67.18	0.00305
106.07	63.64	0.00275	113.14	56.57	0.00222
120.21	49.50	0.00178	127.28	42.43	0.00142
134.35	35.36	0.00114	141.42	28.28	0.00093
148.49	21.21	0.00076	155.56	14.14	0.00062
21.21	162.63	0.00053	28.28	155.56	0.00063
35.36	148.49	0.00076	42.43	141.42	0.00094
49.50	134.35	0.00117	56.57	127.28	0.00149
63.64	120.21	0.00192	70.71	113.14	0.00249
74.25	109.60	0.00285	77.78	106.07	0.00327
79.90	103.94	0.00356	81.32	102.53	0.00377
82.73	101.12	0.00400	84.15	99.70	0.00427
85.56	98.29	0.00456	98.29	85.56	0.00472
99.70	84.15	0.00449	101.12	82.73	0.00426
102.53	81.32	0.00406	103.94	79.90	0.00388
106.07	77.78	0.00361	109.60	74.25	0.00321

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

113.14	70.71	0.00285	120.21	63.64	0.00224
127.28	56.57	0.00176	134.35	49.50	0.00139
141.42	42.43	0.00110	148.49	35.36	0.00089
155.56	28.28	0.00072	162.63	21.21	0.00059
28.28	169.71	0.00053	35.36	162.63	0.00063
42.43	155.56	0.00076	49.50	148.49	0.00093
56.57	141.42	0.00117	63.64	134.35	0.00149
70.71	127.28	0.00194	77.78	120.21	0.00255
81.32	116.67	0.00294	84.85	113.14	0.00343
86.97	111.02	0.00378	88.39	109.60	0.00404
89.80	108.19	0.00436	91.22	106.77	0.00477
92.63	105.36	0.00532	105.36	92.63	0.00501
106.77	91.22	0.00468	108.19	89.80	0.00440
109.60	88.39	0.00417	111.02	86.97	0.00395
113.14	84.85	0.00365	116.67	81.32	0.00322
120.21	77.78	0.00283	127.28	70.71	0.00219
134.35	63.64	0.00170	141.42	56.57	0.00132
148.49	49.50	0.00104	155.56	42.43	0.00083
162.63	35.36	0.00067	169.71	28.28	0.00055

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

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00053	42.43	169.71	0.00064
49.50	162.63	0.00077	56.57	155.56	0.00095
63.64	148.49	0.00120	70.71	141.42	0.00155
77.78	134.35	0.00207	84.85	127.28	0.00287
88.39	123.74	0.00346	91.92	120.21	0.00426
94.05	118.09	0.00486	95.46	116.67	0.00532
96.87	115.26	0.00583	98.29	113.84	0.00640
99.70	112.43	0.00705	112.43	99.70	0.00522
113.84	98.29	0.00480	115.26	96.87	0.00446
116.67	95.46	0.00418	118.09	94.05	0.00394
120.21	91.92	0.00361	123.74	88.39	0.00314
127.28	84.85	0.00274	134.35	77.78	0.00208
141.42	70.71	0.00159	148.49	63.64	0.00123
155.56	56.57	0.00096	162.63	49.50	0.00077
169.71	42.43	0.00062	176.78	35.36	0.00051

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	183.85	0.00055	49.50	176.78	0.00066
56.57	169.71	0.00081	63.64	162.63	0.00101
70.71	155.56	0.00129	77.78	148.49	0.00171
84.85	141.42	0.00239	91.92	134.35	0.00350
95.46	130.81	0.00427	98.99	127.28	0.00519
101.12	125.16	0.00582	102.53	123.74	0.00626
103.94	122.33	0.00673	105.36	120.92	0.00725
106.77	119.50	0.00785	119.50	106.77	0.00538
120.92	105.36	0.00491	122.33	103.94	0.00453
123.74	102.53	0.00421	125.16	101.12	0.00393
127.28	98.99	0.00355	130.81	95.46	0.00303
134.35	91.92	0.00260	141.42	84.85	0.00193
148.49	77.78	0.00145	155.56	70.71	0.00111
162.63	63.64	0.00087	169.71	56.57	0.00069
176.78	49.50	0.00057	183.85	42.43	0.00047
49.50	190.92	0.00059	56.57	183.85	0.00071
63.64	176.78	0.00088	70.71	169.71	0.00112
77.78	162.63	0.00146	84.85	155.56	0.00199
91.92	148.49	0.00281	98.99	141.42	0.00403
102.53	137.89	0.00480	106.07	134.35	0.00567
108.19	132.23	0.00625	109.60	130.81	0.00666
111.02	129.40	0.00710	112.43	127.99	0.00759
113.84	126.57	0.00815	126.57	113.84	0.00539
127.99	112.43	0.00489	129.40	111.02	0.00449
130.81	109.60	0.00415	132.23	108.19	0.00384

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00345	137.89	102.53	0.00289
141.42	98.99	0.00243	148.49	91.92	0.00175
155.56	84.85	0.00130	162.63	77.78	0.00099
169.71	70.71	0.00077	176.78	63.64	0.00062
183.85	56.57	0.00051	190.92	49.50	0.00043
56.57	197.99	0.00064	63.64	190.92	0.00079
70.71	183.85	0.00099	77.78	176.78	0.00128
84.85	169.71	0.00169	91.92	162.63	0.00230
98.99	155.56	0.00315	106.07	148.49	0.00430

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

109.60	144.96	0.00501	113.14	141.42	0.00581
115.26	139.30	0.00635	116.67	137.89	0.00674
118.09	136.47	0.00717	119.50	135.06	0.00764
120.92	133.64	0.00818	133.64	120.92	0.00525
135.06	119.50	0.00474	136.47	118.09	0.00432
137.89	116.67	0.00396	139.30	115.26	0.00365
141.42	113.14	0.00324	144.96	109.60	0.00267
148.49	106.07	0.00221	155.56	98.99	0.00155
162.63	91.92	0.00114	169.71	84.85	0.00087
176.78	77.78	0.00068	183.85	70.71	0.00055
190.92	63.64	0.00046	197.99	56.57	0.00038
63.64	205.06	0.00072	70.71	197.99	0.00090
77.78	190.92	0.00113	84.85	183.85	0.00146
91.92	176.78	0.00193	98.99	169.71	0.00255
106.07	162.63	0.00336	113.14	155.56	0.00439
116.67	152.03	0.00501	120.21	148.49	0.00574
122.33	146.37	0.00625	123.74	144.96	0.00662
125.16	143.54	0.00702	126.57	142.13	0.00746
127.99	140.71	0.00798	140.71	127.99	0.00496
142.13	126.57	0.00443	143.54	125.16	0.00401
144.96	123.74	0.00365	146.37	122.33	0.00333
148.49	120.21	0.00291	152.03	116.67	0.00236
155.56	113.14	0.00193	162.63	106.07	0.00134
169.71	98.99	0.00099	176.78	91.92	0.00076
183.85	84.85	0.00060	190.92	77.78	0.00049
197.99	70.71	0.00041	205.06	63.64	0.00034
70.71	212.13	0.00083	77.78	205.06	0.00103
84.85	197.99	0.00130	91.92	190.92	0.00166
98.99	183.85	0.00213	106.07	176.78	0.00273
113.14	169.71	0.00347	120.21	162.63	0.00439
123.74	159.10	0.00492	127.28	155.56	0.00556

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* 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	0.00600	130.81	152.03	0.00633
132.23	150.61	0.00669	133.64	149.20	0.00710
135.06	147.79	0.00759	147.79	135.06	0.00449

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

149.20	133.64	0.00396	150.61	132.23	0.00354
152.03	130.81	0.00319	153.44	129.40	0.00288
155.56	127.28	0.00248	159.10	123.74	0.00198
162.63	120.21	0.00163	169.71	113.14	0.00115
176.78	106.07	0.00086	183.85	98.99	0.00067
190.92	91.92	0.00053	197.99	84.85	0.00043
205.06	77.78	0.00036	212.13	70.71	0.00030
77.78	219.20	0.00094	84.85	212.13	0.00116
91.92	205.06	0.00145	98.99	197.99	0.00182
106.07	190.92	0.00229	113.14	183.85	0.00285
120.21	176.78	0.00353	127.28	169.71	0.00434
130.81	166.17	0.00481	134.35	162.63	0.00535
136.47	160.51	0.00570	137.89	159.10	0.00596
139.30	157.68	0.00626	140.71	156.27	0.00660
142.13	154.86	0.00702	154.86	142.13	0.00381
156.27	140.71	0.00331	157.68	139.30	0.00291
159.10	137.89	0.00260	160.51	136.47	0.00234
162.63	134.35	0.00202	166.17	130.81	0.00163
169.71	127.28	0.00136	176.78	120.21	0.00099
183.85	113.14	0.00075	190.92	106.07	0.00059
197.99	98.99	0.00047	205.06	91.92	0.00039
212.13	84.85	0.00032	219.20	77.78	0.00027
84.85	226.27	0.00105	91.92	219.20	0.00128
98.99	212.13	0.00158	106.07	205.06	0.00195
113.14	197.99	0.00240	120.21	190.92	0.00294
127.28	183.85	0.00357	134.35	176.78	0.00432
137.89	173.24	0.00474	141.42	169.71	0.00519
143.54	167.58	0.00548	144.96	166.17	0.00568
146.37	164.76	0.00589	147.79	163.34	0.00613
149.20	161.93	0.00640	161.93	149.20	0.00295
163.34	147.79	0.00259	164.76	146.37	0.00231
166.17	144.96	0.00209	167.58	143.54	0.00191
169.71	141.42	0.00168	173.24	137.89	0.00139
176.78	134.35	0.00117	183.85	127.28	0.00087
190.92	120.21	0.00067	197.99	113.14	0.00053
205.06	106.07	0.00043	212.13	98.99	0.00035
219.20	91.92	0.00030	226.27	84.85	0.00025

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00114	98.99	226.27	0.00138
106.07	219.20	0.00167	113.14	212.13	0.00203
120.21	205.06	0.00245	127.28	197.99	0.00295
134.35	190.92	0.00354	141.42	183.85	0.00422
144.96	180.31	0.00459	148.49	176.78	0.00498
150.61	174.66	0.00520	152.03	173.24	0.00533
153.44	171.83	0.00545	154.86	170.41	0.00554
156.27	169.00	0.00555	169.00	156.27	0.00252
170.41	154.86	0.00227	171.83	153.44	0.00206
173.24	152.03	0.00188	174.66	150.61	0.00172
176.78	148.49	0.00153	180.31	144.96	0.00127
183.85	141.42	0.00107	190.92	134.35	0.00080
197.99	127.28	0.00062	205.06	120.21	0.00049
212.13	113.14	0.00040	219.20	106.07	0.00033
226.27	98.99	0.00028	233.35	91.92	0.00024
98.99	240.42	0.00121	106.07	233.35	0.00144
113.14	226.27	0.00172	120.21	219.20	0.00205
127.28	212.13	0.00243	134.35	205.06	0.00286
141.42	197.99	0.00334	148.49	190.92	0.00381
152.03	187.38	0.00397	155.56	183.85	0.00402
157.68	181.73	0.00398	159.10	180.31	0.00392
160.51	178.90	0.00384	161.93	177.48	0.00375
163.34	176.07	0.00364	176.07	163.34	0.00213
177.48	161.93	0.00197	178.90	160.51	0.00182
180.31	159.10	0.00169	181.73	157.68	0.00157
183.85	155.56	0.00141	187.38	152.03	0.00119
190.92	148.49	0.00101	197.99	141.42	0.00076
205.06	134.35	0.00059	212.13	127.28	0.00047
219.20	120.21	0.00038	226.27	113.14	0.00031
233.35	106.07	0.00026	240.42	98.99	0.00022
106.07	247.49	0.00125	113.14	240.42	0.00147
120.21	233.35	0.00172	127.28	226.27	0.00200
134.35	219.20	0.00232	141.42	212.13	0.00264
148.49	205.06	0.00292	155.56	197.99	0.00303
159.10	194.45	0.00299	162.63	190.92	0.00289
164.76	188.80	0.00282	166.17	187.38	0.00277
167.58	185.97	0.00272	169.00	184.55	0.00267
170.41	183.14	0.00261	183.14	170.41	0.00173
184.55	169.00	0.00163	185.97	167.58	0.00153
187.38	166.17	0.00144	188.80	164.76	0.00136

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00124	194.45	159.10	0.00107
197.99	155.56	0.00093	205.06	148.49	0.00071
212.13	141.42	0.00056	219.20	134.35	0.00045
226.27	127.28	0.00037	233.35	120.21	0.00030
240.42	113.14	0.00025	247.49	106.07	0.00021

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00019	-240.42	-113.14	0.00020
-233.35	-120.21	0.00020	-226.27	-127.28	0.00021
-219.20	-134.35	0.00021	-212.13	-141.42	0.00022
-205.06	-148.49	0.00022	-197.99	-155.56	0.00023
-194.45	-159.10	0.00023	-190.92	-162.63	0.00023
-188.80	-164.76	0.00023	-187.38	-166.17	0.00023
-185.97	-167.58	0.00023	-184.55	-169.00	0.00023
-183.14	-170.41	0.00023	-170.41	-183.14	0.00023
-169.00	-184.55	0.00023	-167.58	-185.97	0.00023
-166.17	-187.38	0.00023	-164.76	-188.80	0.00023
-162.63	-190.92	0.00023	-159.10	-194.45	0.00022
-155.56	-197.99	0.00022	-148.49	-205.06	0.00021
-141.42	-212.13	0.00021	-134.35	-219.20	0.00020
-127.28	-226.27	0.00020	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00019
-240.42	-98.99	0.00020	-233.35	-106.07	0.00021
-226.27	-113.14	0.00021	-219.20	-120.21	0.00022
-212.13	-127.28	0.00022	-205.06	-134.35	0.00023
-197.99	-141.42	0.00023	-190.92	-148.49	0.00024
-187.38	-152.03	0.00024	-183.85	-155.56	0.00024

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-181.73	-157.68	0.00024	-180.31	-159.10	0.00024
-178.90	-160.51	0.00024	-177.48	-161.93	0.00024
-176.07	-163.34	0.00024	-163.34	-176.07	0.00024
-161.93	-177.48	0.00024	-160.51	-178.90	0.00024
-159.10	-180.31	0.00024	-157.68	-181.73	0.00024
-155.56	-183.85	0.00024	-152.03	-187.38	0.00024
-148.49	-190.92	0.00023	-141.42	-197.99	0.00023
-134.35	-205.06	0.00022	-127.28	-212.13	0.00021
-120.21	-219.20	0.00021	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00020
-233.35	-91.92	0.00021	-226.27	-99.00	0.00022
-219.20	-106.07	0.00022	-212.13	-113.14	0.00023
-205.06	-120.21	0.00024	-197.99	-127.28	0.00024
-190.92	-134.35	0.00025	-183.85	-141.42	0.00025
-180.31	-144.96	0.00025	-176.78	-148.49	0.00026
-174.66	-150.61	0.00026	-173.24	-152.03	0.00026
-171.83	-153.44	0.00026	-170.41	-154.86	0.00026
-169.00	-156.27	0.00026	-156.27	-169.00	0.00026
-154.86	-170.41	0.00026	-153.44	-171.83	0.00026
-152.03	-173.24	0.00025	-150.61	-174.66	0.00025

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

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00025	-144.96	-180.31	0.00025
-141.42	-183.85	0.00025	-134.35	-190.92	0.00024
-127.28	-197.99	0.00023	-120.21	-205.06	0.00022
-113.14	-212.13	0.00022	-106.07	-219.20	0.00021
-98.99	-226.27	0.00021	-91.92	-233.35	0.00021
-226.27	-84.85	0.00022	-219.20	-91.92	0.00023
-212.13	-99.00	0.00024	-205.06	-106.07	0.00024
-197.99	-113.14	0.00025	-190.92	-120.21	0.00025
-183.85	-127.28	0.00026	-176.78	-134.35	0.00027
-173.24	-137.89	0.00027	-169.71	-141.42	0.00027
-167.58	-143.54	0.00027	-166.17	-144.96	0.00027
-164.76	-146.37	0.00027	-163.34	-147.79	0.00027
-161.93	-149.20	0.00027	-149.20	-161.93	0.00027
-147.79	-163.34	0.00027	-146.37	-164.76	0.00027

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-144.96	-166.17	0.00027	-143.54	-167.58	0.00027
-141.42	-169.71	0.00027	-137.89	-173.24	0.00026
-134.35	-176.78	0.00026	-127.28	-183.85	0.00025
-120.21	-190.92	0.00024	-113.14	-197.99	0.00024
-106.07	-205.06	0.00023	-98.99	-212.13	0.00023
-91.92	-219.20	0.00022	-84.85	-226.27	0.00022
-219.20	-77.78	0.00023	-212.13	-84.85	0.00024
-205.06	-91.92	0.00025	-197.99	-99.00	0.00026
-190.92	-106.07	0.00026	-183.85	-113.14	0.00027
-176.78	-120.21	0.00028	-169.71	-127.28	0.00028
-166.17	-130.81	0.00028	-162.63	-134.35	0.00029
-160.51	-136.47	0.00029	-159.10	-137.89	0.00029
-157.68	-139.30	0.00029	-156.27	-140.71	0.00029
-154.86	-142.13	0.00029	-142.13	-154.86	0.00029
-140.71	-156.27	0.00029	-139.30	-157.68	0.00029
-137.89	-159.10	0.00029	-136.47	-160.51	0.00028
-134.35	-162.63	0.00028	-130.81	-166.17	0.00028
-127.28	-169.71	0.00027	-120.21	-176.78	0.00027
-113.14	-183.85	0.00026	-106.07	-190.92	0.00025
-98.99	-197.99	0.00024	-91.92	-205.06	0.00024
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00024	-205.06	-77.78	0.00025
-197.99	-84.85	0.00026	-190.92	-91.92	0.00027
-183.85	-98.99	0.00028	-176.78	-106.07	0.00028
-169.71	-113.14	0.00029	-162.63	-120.21	0.00030
-159.10	-123.74	0.00030	-155.56	-127.28	0.00031

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

04/20/08

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

18:03:23  
\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00031	-152.03	-130.81	0.00031
-150.61	-132.23	0.00031	-149.20	-133.64	0.00031
-147.79	-135.06	0.00031	-135.06	-147.79	0.00031
-133.64	-149.20	0.00031	-132.23	-150.61	0.00030
-130.81	-152.03	0.00030	-129.40	-153.44	0.00030
-127.28	-155.56	0.00030	-123.74	-159.10	0.00030
-120.21	-162.63	0.00029	-113.14	-169.71	0.00028
-106.07	-176.78	0.00027	-98.99	-183.85	0.00026

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-190.92	0.00026	-84.85	-197.99	0.00025
-77.78	-205.06	0.00025	-70.71	-212.13	0.00024
-205.06	-63.64	0.00026	-197.99	-70.71	0.00027
-190.92	-77.78	0.00028	-183.85	-84.85	0.00029
-176.78	-91.92	0.00029	-169.71	-98.99	0.00030
-162.63	-106.07	0.00031	-155.56	-113.14	0.00032
-152.03	-116.67	0.00032	-148.49	-120.21	0.00032
-146.37	-122.33	0.00033	-144.96	-123.74	0.00033
-143.54	-125.16	0.00033	-142.13	-126.57	0.00033
-140.71	-127.99	0.00033	-127.99	-140.71	0.00033
-126.57	-142.13	0.00033	-125.16	-143.54	0.00032
-123.74	-144.96	0.00032	-122.33	-146.37	0.00032
-120.21	-148.49	0.00032	-116.67	-152.03	0.00031
-113.14	-155.56	0.00031	-106.07	-162.63	0.00030
-98.99	-169.71	0.00029	-91.92	-176.78	0.00028
-84.85	-183.85	0.00027	-77.78	-190.92	0.00027
-70.71	-197.99	0.00026	-63.64	-205.06	0.00026
-197.99	-56.57	0.00027	-190.92	-63.64	0.00028
-183.85	-70.71	0.00029	-176.78	-77.78	0.00030
-169.71	-84.85	0.00031	-162.63	-91.92	0.00032
-155.56	-98.99	0.00033	-148.49	-106.07	0.00034
-144.96	-109.60	0.00034	-141.42	-113.14	0.00035
-139.30	-115.26	0.00035	-137.89	-116.67	0.00035
-136.47	-118.09	0.00035	-135.06	-119.50	0.00035
-133.64	-120.92	0.00035	-120.92	-133.64	0.00035
-119.50	-135.06	0.00035	-118.09	-136.47	0.00035
-116.67	-137.89	0.00034	-115.26	-139.30	0.00034
-113.14	-141.42	0.00034	-109.60	-144.96	0.00033
-106.07	-148.49	0.00033	-98.99	-155.56	0.00032
-91.92	-162.63	0.00031	-84.85	-169.71	0.00030
-77.78	-176.78	0.00029	-70.71	-183.85	0.00028
-63.64	-190.92	0.00028	-56.57	-197.99	0.00027

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

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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
-190.92	-49.50	0.00029	-183.85	-56.57	0.00030
-176.78	-63.64	0.00031	-169.71	-70.71	0.00032

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-77.78	0.00033	-155.56	-84.85	0.00034
-148.49	-91.92	0.00035	-141.42	-98.99	0.00036
-137.89	-102.53	0.00037	-134.35	-106.07	0.00037
-132.23	-108.19	0.00037	-130.81	-109.60	0.00037
-129.40	-111.02	0.00038	-127.99	-112.43	0.00038
-126.57	-113.84	0.00038	-113.84	-126.57	0.00037
-112.43	-127.99	0.00037	-111.02	-129.40	0.00037
-109.60	-130.81	0.00037	-108.19	-132.23	0.00037
-106.07	-134.35	0.00036	-102.53	-137.89	0.00036
-98.99	-141.42	0.00035	-91.92	-148.49	0.00034
-84.85	-155.56	0.00033	-77.78	-162.63	0.00032
-70.71	-169.71	0.00031	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00029
-183.85	-42.43	0.00030	-176.78	-49.50	0.00032
-169.71	-56.57	0.00033	-162.63	-63.64	0.00034
-155.56	-70.71	0.00035	-148.49	-77.78	0.00037
-141.42	-84.85	0.00038	-134.35	-91.92	0.00039
-130.81	-95.46	0.00039	-127.28	-98.99	0.00040
-125.16	-101.12	0.00040	-123.74	-102.53	0.00040
-122.33	-103.94	0.00040	-120.92	-105.36	0.00040
-119.50	-106.77	0.00040	-106.77	-119.50	0.00040
-105.36	-120.92	0.00040	-103.94	-122.33	0.00040
-102.53	-123.74	0.00040	-101.12	-125.16	0.00039
-98.99	-127.28	0.00039	-95.46	-130.81	0.00038
-91.92	-134.35	0.00038	-84.85	-141.42	0.00036
-77.78	-148.49	0.00035	-70.71	-155.56	0.00034
-63.64	-162.63	0.00033	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00030
-176.78	-35.36	0.00032	-169.71	-42.43	0.00033
-162.63	-49.50	0.00035	-155.56	-56.57	0.00036
-148.49	-63.64	0.00038	-141.42	-70.71	0.00039
-134.35	-77.78	0.00040	-127.28	-84.85	0.00042
-123.74	-88.39	0.00042	-120.21	-91.92	0.00043
-118.09	-94.05	0.00043	-116.67	-95.46	0.00043
-115.26	-96.87	0.00043	-113.84	-98.29	0.00044
-112.43	-99.70	0.00044	-99.70	-112.43	0.00043
-98.29	-113.84	0.00043	-96.87	-115.26	0.00043
-95.46	-116.67	0.00043	-94.05	-118.09	0.00042

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00042	-88.39	-123.74	0.00041
-84.85	-127.28	0.00040	-77.78	-134.35	0.00039
-70.71	-141.42	0.00037	-63.64	-148.49	0.00036
-56.57	-155.56	0.00035	-49.50	-162.63	0.00034
-42.43	-169.71	0.00033	-35.36	-176.78	0.00032
-169.71	-28.28	0.00033	-162.63	-35.36	0.00035
-155.56	-42.43	0.00037	-148.49	-49.50	0.00039
-141.42	-56.57	0.00041	-134.35	-63.64	0.00042
-127.28	-70.71	0.00044	-120.21	-77.78	0.00045
-116.67	-81.32	0.00046	-113.14	-84.85	0.00046
-111.02	-86.97	0.00047	-109.60	-88.39	0.00047
-108.19	-89.80	0.00047	-106.77	-91.22	0.00047
-105.36	-92.63	0.00047	-92.63	-105.36	0.00047
-91.22	-106.77	0.00046	-89.80	-108.19	0.00046
-88.39	-109.60	0.00046	-86.97	-111.02	0.00046
-84.85	-113.14	0.00045	-81.32	-116.67	0.00044
-77.78	-120.21	0.00043	-70.71	-127.28	0.00042
-63.64	-134.35	0.00040	-56.57	-141.42	0.00039
-49.50	-148.49	0.00038	-42.43	-155.56	0.00037
-35.36	-162.63	0.00036	-28.28	-169.71	0.00035
-162.63	-21.21	0.00035	-155.56	-28.28	0.00037
-148.49	-35.36	0.00040	-141.42	-42.43	0.00042
-134.35	-49.50	0.00043	-127.28	-56.57	0.00045
-120.21	-63.64	0.00047	-113.14	-70.71	0.00049
-109.60	-74.25	0.00049	-106.07	-77.78	0.00050
-103.94	-79.90	0.00050	-102.53	-81.32	0.00051
-101.12	-82.73	0.00051	-99.70	-84.15	0.00051
-98.29	-85.56	0.00051	-85.56	-98.29	0.00051
-84.15	-99.70	0.00050	-82.73	-101.12	0.00050
-81.32	-102.53	0.00050	-79.90	-103.94	0.00049
-77.78	-106.07	0.00049	-74.25	-109.60	0.00048
-70.71	-113.14	0.00047	-63.64	-120.21	0.00045
-56.57	-127.28	0.00043	-49.50	-134.35	0.00042
-42.43	-141.42	0.00041	-35.36	-148.49	0.00040
-28.28	-155.56	0.00038	-21.21	-162.63	0.00037
-155.56	-14.14	0.00037	-148.49	-21.21	0.00040
-141.42	-28.28	0.00042	-134.35	-35.36	0.00045
-127.28	-42.43	0.00047	-120.21	-49.50	0.00049
-113.14	-56.57	0.00051	-106.07	-63.64	0.00053
-102.53	-67.18	0.00054	-98.99	-70.71	0.00054

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00055	-95.46	-74.25	0.00055
-94.05	-75.66	0.00055	-92.63	-77.07	0.00055
-91.22	-78.49	0.00056	-78.49	-91.22	0.00055
-77.07	-92.63	0.00055	-75.66	-94.05	0.00054
-74.25	-95.46	0.00054	-72.83	-96.87	0.00054
-70.71	-98.99	0.00053	-67.18	-102.53	0.00052
-63.64	-106.07	0.00051	-56.57	-113.14	0.00048
-49.50	-120.21	0.00047	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00042
-21.21	-148.49	0.00041	-14.14	-155.56	0.00039
-148.49	-7.07	0.00039	-141.42	-14.14	0.00042
-134.35	-21.21	0.00045	-127.28	-28.28	0.00048
-120.21	-35.36	0.00050	-113.14	-42.43	0.00053
-106.07	-49.50	0.00055	-98.99	-56.57	0.00057
-95.46	-60.10	0.00058	-91.92	-63.64	0.00059
-89.80	-65.76	0.00060	-88.39	-67.18	0.00060
-86.97	-68.59	0.00060	-85.56	-70.00	0.00061
-84.15	-71.42	0.00061	-71.42	-84.15	0.00060
-70.00	-85.56	0.00060	-68.59	-86.97	0.00059
-67.18	-88.39	0.00059	-65.76	-89.80	0.00058
-63.64	-91.92	0.00058	-60.10	-95.46	0.00056
-56.57	-98.99	0.00055	-49.50	-106.07	0.00052
-42.43	-113.14	0.00051	-35.36	-120.21	0.00049
-28.28	-127.28	0.00047	-21.21	-134.35	0.00046
-14.14	-141.42	0.00044	-7.07	-148.49	0.00042
-141.42	0.00	0.00041	-134.35	-7.07	0.00045
-127.28	-14.14	0.00048	-120.21	-21.21	0.00051
-113.14	-28.28	0.00054	-106.07	-35.36	0.00057
-98.99	-42.43	0.00060	-91.92	-49.50	0.00062
-88.39	-53.03	0.00064	-84.85	-56.57	0.00065
-82.73	-58.69	0.00065	-81.32	-60.10	0.00066
-79.90	-61.52	0.00066	-78.49	-62.93	0.00067
-77.07	-64.35	0.00067	-64.35	-77.07	0.00066
-62.93	-78.49	0.00066	-61.52	-79.90	0.00065



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-60.10	-81.32	0.00064	-58.69	-82.73	0.00064
-56.57	-84.85	0.00063	-53.03	-88.39	0.00061
-49.50	-91.92	0.00060	-42.43	-98.99	0.00057
-35.36	-106.07	0.00055	-28.28	-113.14	0.00053
-21.21	-120.21	0.00052	-14.14	-127.28	0.00049
-7.07	-134.35	0.00047	0.00	-141.42	0.00045

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00044	-127.28	0.00	0.00048
-120.21	-7.07	0.00051	-113.14	-14.14	0.00055
-106.07	-21.21	0.00059	-98.99	-28.28	0.00062
-91.92	-35.36	0.00066	-84.85	-42.43	0.00069
-81.32	-45.96	0.00070	-77.78	-49.50	0.00071
-75.66	-51.62	0.00072	-74.25	-53.03	0.00073
-72.83	-54.45	0.00073	-71.42	-55.86	0.00073
-70.00	-57.28	0.00074	-57.28	-70.00	0.00073
-55.86	-71.42	0.00072	-54.45	-72.83	0.00072
-53.03	-74.25	0.00071	-51.62	-75.66	0.00070
-49.50	-77.78	0.00069	-45.96	-81.32	0.00067
-42.43	-84.85	0.00066	-35.36	-91.92	0.00063
-28.28	-98.99	0.00060	-21.21	-106.07	0.00058
-14.14	-113.14	0.00056	-7.07	-120.21	0.00054
0.00	-127.28	0.00051	7.07	-134.35	0.00048
-127.28	14.14	0.00046	-120.21	7.07	0.00050
-113.14	0.00	0.00055	-106.07	-7.07	0.00059
-98.99	-14.14	0.00064	-91.92	-21.21	0.00068
-84.85	-28.28	0.00072	-77.78	-35.36	0.00075
-74.25	-38.89	0.00077	-70.71	-42.43	0.00079
-68.59	-44.55	0.00080	-67.18	-45.96	0.00080
-65.76	-47.38	0.00081	-64.35	-48.79	0.00081
-62.93	-50.20	0.00082	-50.20	-62.93	0.00081
-48.79	-64.35	0.00080	-47.38	-65.76	0.00079
-45.96	-67.18	0.00078	-44.55	-68.59	0.00078
-42.43	-70.71	0.00076	-38.89	-74.25	0.00074
-35.36	-77.78	0.00072	-28.28	-84.85	0.00069
-21.21	-91.92	0.00066	-14.14	-98.99	0.00064

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	-106.07	0.00061	0.00	-113.14	0.00058
7.07	-120.21	0.00055	14.14	-127.28	0.00051
-120.21	21.21	0.00047	-113.14	14.14	0.00053
-106.07	7.07	0.00058	-98.99	0.00	0.00064
-91.92	-7.07	0.00069	-84.85	-14.14	0.00074
-77.78	-21.21	0.00079	-70.71	-28.28	0.00083
-67.18	-31.82	0.00086	-63.64	-35.36	0.00088
-61.52	-37.48	0.00089	-60.10	-38.89	0.00089
-58.69	-40.31	0.00090	-57.28	-41.72	0.00091
-55.86	-43.13	0.00091	-43.13	-55.86	0.00090
-41.72	-57.28	0.00089	-40.31	-58.69	0.00088
-38.89	-60.10	0.00087	-37.48	-61.52	0.00086

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00084	-31.82	-67.18	0.00082
-28.28	-70.71	0.00080	-21.21	-77.78	0.00076
-14.14	-84.85	0.00073	-7.07	-91.92	0.00070
0.00	-98.99	0.00067	7.07	-106.07	0.00063
14.14	-113.14	0.00059	21.21	-120.21	0.00054
-113.14	28.28	0.00049	-106.07	21.21	0.00055
-98.99	14.14	0.00062	-91.92	7.07	0.00069
-84.85	0.00	0.00075	-77.78	-7.07	0.00082
-70.71	-14.14	0.00088	-63.64	-21.21	0.00093
-60.10	-24.75	0.00095	-56.57	-28.28	0.00098
-54.45	-30.41	0.00099	-53.03	-31.82	0.00100
-51.62	-33.23	0.00101	-50.20	-34.65	0.00102
-48.79	-36.06	0.00102	-36.06	-48.79	0.00101
-34.65	-50.20	0.00100	-33.23	-51.62	0.00098
-31.82	-53.03	0.00097	-30.41	-54.45	0.00096
-28.28	-56.57	0.00094	-24.75	-60.10	0.00091
-21.21	-63.64	0.00089	-14.14	-70.71	0.00085
-7.07	-77.78	0.00081	0.00	-84.85	0.00077
7.07	-91.92	0.00073	14.14	-98.99	0.00068
21.21	-106.07	0.00063	28.28	-113.14	0.00057
-106.07	35.36	0.00051	-98.99	28.28	0.00058
-91.92	21.21	0.00065	-84.85	14.14	0.00074

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	7.07	0.00082	-70.71	0.00	0.00090
-63.64	-7.07	0.00097	-56.57	-14.14	0.00104
-53.03	-17.68	0.00107	-49.50	-21.21	0.00110
-47.38	-23.33	0.00112	-45.96	-24.75	0.00113
-44.55	-26.16	0.00114	-43.13	-27.58	0.00115
-41.72	-28.99	0.00115	-28.99	-41.72	0.00113
-27.58	-43.13	0.00112	-26.16	-44.55	0.00111
-24.75	-45.96	0.00109	-23.33	-47.38	0.00108
-21.21	-49.50	0.00106	-17.68	-53.03	0.00102
-14.14	-56.57	0.00099	-7.07	-63.64	0.00095
0.00	-70.71	0.00090	7.07	-77.78	0.00085
14.14	-84.85	0.00080	21.21	-91.92	0.00073
28.28	-98.99	0.00067	35.36	-106.07	0.00060
-98.99	42.43	0.00052	-91.92	35.36	0.00060
-84.85	28.28	0.00069	-77.78	21.21	0.00078
-70.71	14.14	0.00089	-63.64	7.07	0.00099
-56.57	0.00	0.00108	-49.50	-7.07	0.00117
-45.96	-10.61	0.00120	-42.43	-14.14	0.00124

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

** CONC OF OTHER      IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00126	-38.89	-17.68	0.00128
-37.48	-19.09	0.00129	-36.06	-20.51	0.00130
-34.65	-21.92	0.00131	-21.92	-34.65	0.00129
-20.51	-36.06	0.00127	-19.09	-37.48	0.00125
-17.68	-38.89	0.00124	-16.26	-40.31	0.00122
-14.14	-42.43	0.00119	-10.61	-45.96	0.00115
-7.07	-49.50	0.00112	0.00	-56.57	0.00107
7.07	-63.64	0.00101	14.14	-70.71	0.00094
21.21	-77.78	0.00087	28.28	-84.85	0.00079
35.36	-91.92	0.00070	42.43	-98.99	0.00063
-91.92	49.50	0.00054	-84.85	42.43	0.00062
-77.78	35.36	0.00072	-70.71	28.28	0.00083
-63.64	21.21	0.00095	-56.57	14.14	0.00108
-49.50	7.07	0.00120	-42.43	0.00	0.00132
-38.89	-3.54	0.00137	-35.36	-7.07	0.00141
-33.23	-9.19	0.00144	-31.82	-10.61	0.00146

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-30.41	-12.02	0.00148	-28.99	-13.44	0.00149
-27.58	-14.85	0.00151	-14.85	-27.58	0.00147
-13.44	-28.99	0.00145	-12.02	-30.41	0.00143
-10.61	-31.82	0.00141	-9.19	-33.23	0.00139
-7.07	-35.36	0.00136	-3.54	-38.89	0.00131
0.00	-42.43	0.00128	7.07	-49.50	0.00121
14.14	-56.57	0.00113	21.21	-63.64	0.00104
28.28	-70.71	0.00094	35.36	-77.78	0.00084
42.43	-84.85	0.00074	49.50	-91.92	0.00065
-84.85	56.57	0.00055	-77.78	49.50	0.00064
-70.71	42.43	0.00074	-63.64	35.36	0.00087
-56.57	28.28	0.00102	-49.50	21.21	0.00118
-42.43	14.14	0.00134	-35.36	7.07	0.00149
-31.82	3.54	0.00156	-28.28	0.00	0.00162
-26.16	-2.12	0.00165	-24.75	-3.54	0.00168
-23.33	-4.95	0.00170	-21.92	-6.36	0.00172
-20.51	-7.78	0.00174	-7.78	-20.51	0.00170
-6.36	-21.92	0.00167	-4.95	-23.33	0.00164
-3.54	-24.75	0.00162	-2.12	-26.16	0.00159
0.00	-28.28	0.00156	3.54	-31.82	0.00151
7.07	-35.36	0.00146	14.14	-42.43	0.00137
21.21	-49.50	0.00126	28.28	-56.57	0.00114
35.36	-63.64	0.00101	42.43	-70.71	0.00088
49.50	-77.78	0.00076	56.57	-84.85	0.00066

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

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 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00055	-70.71	56.57	0.00065
-63.64	49.50	0.00077	-56.57	42.43	0.00091
-49.50	35.36	0.00108	-42.43	28.28	0.00128
-35.36	21.21	0.00149	-28.28	14.14	0.00169
-24.75	10.61	0.00178	-21.21	7.07	0.00187
-19.09	4.95	0.00191	-17.68	3.54	0.00194
-16.26	2.12	0.00197	-14.85	0.71	0.00200
-13.44	-0.71	0.00203	-0.71	-13.44	0.00197
0.71	-14.85	0.00194	2.12	-16.26	0.00190
3.54	-17.68	0.00187	4.95	-19.09	0.00184

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-21.21	0.00180	10.61	-24.75	0.00174
14.14	-28.28	0.00169	21.21	-35.36	0.00156
28.28	-42.43	0.00140	35.36	-49.50	0.00123
42.43	-56.57	0.00107	49.50	-63.64	0.00091
56.57	-70.71	0.00078	63.64	-77.78	0.00067
-70.71	70.71	0.00056	-63.64	63.64	0.00066
-56.57	56.57	0.00078	-49.50	49.50	0.00094
-42.43	42.43	0.00113	-35.36	35.36	0.00136
-28.28	28.28	0.00163	-21.21	21.21	0.00191
-17.68	17.68	0.00204	-14.14	14.14	0.00216
-12.02	12.02	0.00222	-10.61	10.61	0.00226
-9.19	9.19	0.00230	-7.78	7.78	0.00234
-6.36	6.36	0.00238	6.36	-6.36	0.00231
7.78	-7.78	0.00227	9.19	-9.19	0.00222
10.61	-10.61	0.00219	12.02	-12.02	0.00215
14.14	-14.14	0.00211	17.68	-17.68	0.00203
21.21	-21.21	0.00195	28.28	-28.28	0.00176
35.36	-35.36	0.00154	42.43	-42.43	0.00132
49.50	-49.50	0.00111	56.57	-56.57	0.00094
63.64	-63.64	0.00079	70.71	-70.71	0.00067
-63.64	77.78	0.00055	-56.57	70.71	0.00066
-49.50	63.64	0.00079	-42.43	56.57	0.00096
-35.36	49.50	0.00117	-28.28	42.43	0.00143
-21.21	35.36	0.00175	-14.14	28.28	0.00213
-10.61	24.75	0.00232	-7.07	21.21	0.00249
-4.95	19.09	0.00259	-3.54	17.68	0.00264
-2.12	16.26	0.00270	-0.71	14.85	0.00275
0.71	13.44	0.00281	13.44	0.71	0.00273
14.85	-0.71	0.00267	16.26	-2.12	0.00262
17.68	-3.54	0.00258	19.09	-4.95	0.00254

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00248	24.75	-10.61	0.00237
28.28	-14.14	0.00225	35.36	-21.21	0.00196
42.43	-28.28	0.00165	49.50	-35.36	0.00138
56.57	-42.43	0.00114	63.64	-49.50	0.00095

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	-56.57	0.00079	77.78	-63.64	0.00066
-56.57	84.85	0.00054	-49.50	77.78	0.00065
-42.43	70.71	0.00079	-35.36	63.64	0.00096
-28.28	56.57	0.00119	-21.21	49.50	0.00149
-14.14	42.43	0.00186	-7.07	35.36	0.00231
-3.54	31.82	0.00257	0.00	28.28	0.00284
2.12	26.16	0.00299	3.54	24.75	0.00308
4.95	23.33	0.00316	6.36	21.92	0.00324
7.78	20.51	0.00332	20.51	7.78	0.00324
21.92	6.36	0.00318	23.33	4.95	0.00312
24.75	3.54	0.00307	26.16	2.12	0.00301
28.28	0.00	0.00292	31.82	-3.54	0.00274
35.36	-7.07	0.00254	42.43	-14.14	0.00212
49.50	-21.21	0.00174	56.57	-28.28	0.00142
63.64	-35.36	0.00115	70.71	-42.43	0.00095
77.78	-49.50	0.00078	84.85	-56.57	0.00065
-49.50	91.92	0.00054	-42.43	84.85	0.00064
-35.36	77.78	0.00077	-28.28	70.71	0.00095
-21.21	63.64	0.00119	-14.14	56.57	0.00150
-7.07	49.50	0.00191	0.00	42.43	0.00244
3.54	38.89	0.00277	7.07	35.36	0.00312
9.19	33.23	0.00335	10.61	31.82	0.00351
12.02	30.41	0.00366	13.44	28.99	0.00380
14.85	27.58	0.00393	27.58	14.85	0.00392
28.99	13.44	0.00383	30.41	12.02	0.00373
31.82	10.61	0.00363	33.23	9.19	0.00352
35.36	7.07	0.00335	38.89	3.54	0.00305
42.43	0.00	0.00275	49.50	-7.07	0.00222
56.57	-14.14	0.00178	63.64	-21.21	0.00142
70.71	-28.28	0.00114	77.78	-35.36	0.00093
84.85	-42.43	0.00076	91.92	-49.50	0.00062
-42.43	98.99	0.00053	-35.36	91.92	0.00063
-28.28	84.85	0.00076	-21.21	77.78	0.00094
-14.14	70.71	0.00117	-7.07	63.64	0.00149
0.00	56.57	0.00192	7.07	49.50	0.00249
10.61	45.96	0.00285	14.14	42.43	0.00327

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00356	17.68	38.89	0.00377
19.09	37.48	0.00400	20.51	36.06	0.00427
21.92	34.65	0.00456	34.65	21.92	0.00472
36.06	20.51	0.00449	37.48	19.09	0.00426
38.89	17.68	0.00406	40.31	16.26	0.00388
42.43	14.14	0.00361	45.96	10.61	0.00321
49.50	7.07	0.00285	56.57	0.00	0.00224
63.64	-7.07	0.00176	70.71	-14.14	0.00139
77.78	-21.21	0.00110	84.85	-28.28	0.00089
91.92	-35.36	0.00072	98.99	-42.43	0.00059
-35.36	106.07	0.00053	-28.28	98.99	0.00063
-21.21	91.92	0.00076	-14.14	84.85	0.00093
-7.07	77.78	0.00117	0.00	70.71	0.00149
7.07	63.64	0.00194	14.14	56.57	0.00255
17.68	53.03	0.00294	21.21	49.50	0.00343
23.33	47.38	0.00378	24.75	45.96	0.00404
26.16	44.55	0.00436	27.58	43.13	0.00477
28.99	41.72	0.00532	41.72	28.99	0.00501
43.13	27.58	0.00468	44.55	26.16	0.00440
45.96	24.75	0.00417	47.38	23.33	0.00395
49.50	21.21	0.00365	53.03	17.68	0.00322
56.57	14.14	0.00283	63.64	7.07	0.00219
70.71	0.00	0.00170	77.78	-7.07	0.00132
84.85	-14.14	0.00104	91.92	-21.21	0.00083
98.99	-28.28	0.00067	106.07	-35.36	0.00055
-28.28	113.14	0.00053	-21.21	106.07	0.00064
-14.14	98.99	0.00077	-7.07	91.92	0.00095
0.00	84.85	0.00120	7.07	77.78	0.00155
14.14	70.71	0.00207	21.21	63.64	0.00287
24.75	60.10	0.00346	28.28	56.57	0.00426
30.41	54.45	0.00486	31.82	53.03	0.00532
33.23	51.62	0.00583	34.65	50.20	0.00640
36.06	48.79	0.00705	48.79	36.06	0.00522
50.20	34.65	0.00480	51.62	33.23	0.00446
53.03	31.82	0.00418	54.45	30.41	0.00394
56.57	28.28	0.00361	60.10	24.75	0.00314
63.64	21.21	0.00273	70.71	14.14	0.00208
77.78	7.07	0.00159	84.85	0.00	0.00123
91.92	-7.07	0.00096	98.99	-14.14	0.00077
106.07	-21.21	0.00062	113.14	-28.28	0.00051

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00055	-14.14	113.14	0.00066	
-7.07	106.07	0.00081	0.00	98.99	0.00101	
7.07	91.92	0.00129	14.14	84.85	0.00171	
21.21	77.78	0.00239	28.28	70.71	0.00350	
31.82	67.18	0.00427	35.36	63.64	0.00519	
37.48	61.52	0.00582	38.89	60.10	0.00626	
40.31	58.69	0.00674	41.72	57.28	0.00725	
43.13	55.86	0.00785	55.86	43.13	0.00538	
57.28	41.72	0.00491	58.69	40.31	0.00453	
60.10	38.89	0.00421	61.52	37.48	0.00393	
63.64	35.36	0.00355	67.18	31.82	0.00303	
70.71	28.28	0.00260	77.78	21.21	0.00193	
84.85	14.14	0.00145	91.92	7.07	0.00111	
98.99	0.00	0.00087	106.07	-7.07	0.00069	
113.14	-14.14	0.00057	120.21	-21.21	0.00047	
-14.14	127.28	0.00059	-7.07	120.21	0.00071	
0.00	113.14	0.00088	7.07	106.07	0.00112	
14.14	98.99	0.00146	21.21	91.92	0.00199	
28.28	84.85	0.00281	35.36	77.78	0.00403	
38.89	74.25	0.00480	42.43	70.71	0.00567	
44.55	68.59	0.00625	45.96	67.18	0.00666	
47.38	65.76	0.00710	48.79	64.35	0.00759	
50.20	62.93	0.00815	62.93	50.20	0.00539	
64.35	48.79	0.00489	65.76	47.38	0.00449	
67.18	45.96	0.00414	68.59	44.55	0.00384	
70.71	42.43	0.00345	74.25	38.89	0.00289	
77.78	35.36	0.00243	84.85	28.28	0.00175	
91.92	21.21	0.00130	98.99	14.14	0.00099	
106.07	7.07	0.00077	113.14	0.00	0.00062	
120.21	-7.07	0.00051	127.28	-14.14	0.00043	
-7.07	134.35	0.00064	0.00	127.28	0.00079	
7.07	120.21	0.00099	14.14	113.14	0.00128	
21.21	106.07	0.00169	28.28	98.99	0.00230	
35.36	91.92	0.00315	42.43	84.85	0.00430	
45.96	81.32	0.00501	49.50	77.78	0.00581	
51.62	75.66	0.00635	53.03	74.25	0.00674	



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

54.45	72.83	0.00717	55.86	71.42	0.00764
57.28	70.00	0.00818	70.00	57.28	0.00525
71.42	55.86	0.00474	72.83	54.45	0.00432
74.25	53.03	0.00396	75.66	51.62	0.00365

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00324	81.32	45.96	0.00267
84.85	42.43	0.00221	91.92	35.36	0.00155
98.99	28.28	0.00114	106.07	21.21	0.00087
113.14	14.14	0.00068	120.21	7.07	0.00055
127.28	0.00	0.00046	134.35	-7.07	0.00038
0.00	141.42	0.00072	7.07	134.35	0.00090
14.14	127.28	0.00113	21.21	120.21	0.00146
28.28	113.14	0.00193	35.36	106.07	0.00255
42.43	98.99	0.00336	49.50	91.92	0.00439
53.03	88.39	0.00501	56.57	84.85	0.00574
58.69	82.73	0.00625	60.10	81.32	0.00662
61.52	79.90	0.00702	62.93	78.49	0.00746
64.35	77.07	0.00798	77.07	64.35	0.00496
78.49	62.93	0.00443	79.90	61.52	0.00401
81.32	60.10	0.00365	82.73	58.69	0.00333
84.85	56.57	0.00291	88.39	53.03	0.00236
91.92	49.50	0.00193	98.99	42.43	0.00134
106.07	35.36	0.00099	113.14	28.28	0.00076
120.21	21.21	0.00060	127.28	14.14	0.00049
134.35	7.07	0.00041	141.42	0.00	0.00034
7.07	148.49	0.00083	14.14	141.42	0.00103
21.21	134.35	0.00130	28.28	127.28	0.00166
35.36	120.21	0.00213	42.43	113.14	0.00273
49.50	106.07	0.00347	56.57	98.99	0.00439
60.10	95.46	0.00492	63.64	91.92	0.00556
65.76	89.80	0.00600	67.18	88.39	0.00633
68.59	86.97	0.00669	70.00	85.56	0.00710
71.42	84.15	0.00759	84.15	71.42	0.00449
85.56	70.00	0.00396	86.97	68.59	0.00354
88.39	67.18	0.00319	89.80	65.76	0.00288

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	63.64	0.00248	95.46	60.10	0.00198
98.99	56.57	0.00163	106.07	49.50	0.00115
113.14	42.43	0.00086	120.21	35.36	0.00067
127.28	28.28	0.00053	134.35	21.21	0.00043
141.42	14.14	0.00036	148.49	7.07	0.00030
14.14	155.56	0.00094	21.21	148.49	0.00116
28.28	141.42	0.00145	35.36	134.35	0.00182
42.43	127.28	0.00229	49.50	120.21	0.00285
56.57	113.14	0.00353	63.64	106.07	0.00434
67.18	102.53	0.00481	70.71	98.99	0.00535

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00570	74.25	95.46	0.00596
75.66	94.05	0.00626	77.07	92.63	0.00660
78.49	91.22	0.00702	91.22	78.49	0.00381
92.63	77.07	0.00331	94.05	75.66	0.00291
95.46	74.25	0.00260	96.87	72.83	0.00234
98.99	70.71	0.00202	102.53	67.18	0.00164
106.07	63.64	0.00136	113.14	56.57	0.00099
120.21	49.50	0.00075	127.28	42.43	0.00059
134.35	35.36	0.00047	141.42	28.28	0.00039
148.49	21.21	0.00032	155.56	14.14	0.00027
21.21	162.63	0.00105	28.28	155.56	0.00128
35.36	148.49	0.00158	42.43	141.42	0.00195
49.50	134.35	0.00240	56.57	127.28	0.00294
63.64	120.21	0.00357	70.71	113.14	0.00432
74.25	109.60	0.00474	77.78	106.07	0.00519
79.90	103.94	0.00548	81.32	102.53	0.00568
82.73	101.12	0.00589	84.15	99.70	0.00613
85.56	98.29	0.00640	98.29	85.56	0.00295
99.70	84.15	0.00259	101.12	82.73	0.00231
102.53	81.32	0.00209	103.94	79.90	0.00191
106.07	77.78	0.00168	109.60	74.25	0.00139
113.14	70.71	0.00117	120.21	63.64	0.00087
127.28	56.57	0.00067	134.35	49.50	0.00053
141.42	42.43	0.00043	148.49	35.36	0.00035

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

155.56	28.28	0.00030	162.63	21.21	0.00025
28.28	169.71	0.00114	35.36	162.63	0.00138
42.43	155.56	0.00167	49.50	148.49	0.00203
56.57	141.42	0.00245	63.64	134.35	0.00295
70.71	127.28	0.00354	77.78	120.21	0.00422
81.32	116.67	0.00459	84.85	113.14	0.00498
86.97	111.02	0.00520	88.39	109.60	0.00533
89.80	108.19	0.00545	91.22	106.77	0.00554
92.63	105.36	0.00555	105.36	92.63	0.00252
106.77	91.22	0.00227	108.19	89.80	0.00206
109.60	88.39	0.00188	111.02	86.97	0.00172
113.14	84.85	0.00153	116.67	81.32	0.00127
120.21	77.78	0.00107	127.28	70.71	0.00080
134.35	63.64	0.00062	141.42	56.57	0.00049
148.49	49.50	0.00040	155.56	42.43	0.00033
162.63	35.36	0.00028	169.71	28.28	0.00024

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00121	42.43	169.71	0.00144
49.50	162.63	0.00172	56.57	155.56	0.00205
63.64	148.49	0.00243	70.71	141.42	0.00286
77.78	134.35	0.00334	84.85	127.28	0.00381
88.39	123.74	0.00397	91.92	120.21	0.00402
94.05	118.09	0.00398	95.46	116.67	0.00392
96.87	115.26	0.00384	98.29	113.84	0.00375
99.70	112.43	0.00364	112.43	99.70	0.00213
113.84	98.29	0.00197	115.26	96.87	0.00182
116.67	95.46	0.00169	118.09	94.05	0.00157
120.21	91.92	0.00141	123.74	88.39	0.00119
127.28	84.85	0.00101	134.35	77.78	0.00076
141.42	70.71	0.00059	148.49	63.64	0.00047
155.56	56.57	0.00038	162.63	49.50	0.00031
169.71	42.43	0.00026	176.78	35.36	0.00022
42.43	183.85	0.00125	49.50	176.78	0.00147
56.57	169.71	0.00172	63.64	162.63	0.00200
70.71	155.56	0.00232	77.78	148.49	0.00264

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	141.42	0.00292	91.92	134.35	0.00303
95.46	130.81	0.00299	98.99	127.28	0.00289
101.12	125.16	0.00282	102.53	123.74	0.00277
103.94	122.33	0.00272	105.36	120.92	0.00267
106.77	119.50	0.00261	119.50	106.77	0.00173
120.92	105.36	0.00162	122.33	103.94	0.00153
123.74	102.53	0.00144	125.16	101.12	0.00136
127.28	98.99	0.00124	130.81	95.46	0.00107
134.35	91.92	0.00093	141.42	84.85	0.00071
148.49	77.78	0.00056	155.56	70.71	0.00045
162.63	63.64	0.00037	169.71	56.57	0.00030
176.78	49.50	0.00025	183.85	42.43	0.00021
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	0.00228
91.92	148.49	0.00236	98.99	141.42	0.00230
102.53	137.89	0.00223	106.07	134.35	0.00216
108.19	132.23	0.00212	109.60	130.81	0.00209
111.02	129.40	0.00206	112.43	127.99	0.00203
113.84	126.57	0.00199	126.57	113.84	0.00140
127.99	112.43	0.00134	129.40	111.02	0.00127
130.81	109.60	0.00121	132.23	108.19	0.00115

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00107	137.89	102.53	0.00094
141.42	98.99	0.00084	148.49	91.92	0.00066
155.56	84.85	0.00053	162.63	77.78	0.00043
169.71	70.71	0.00035	176.78	63.64	0.00029
183.85	56.57	0.00024	190.92	49.50	0.00021
56.57	197.99	0.00124	63.64	190.92	0.00140
70.71	183.85	0.00156	77.78	176.78	0.00171
84.85	169.71	0.00183	91.92	162.63	0.00188
98.99	155.56	0.00186	106.07	148.49	0.00178
109.60	144.96	0.00174	113.14	141.42	0.00169
115.26	139.30	0.00167	116.67	137.89	0.00165
118.09	136.47	0.00162	119.50	135.06	0.00160

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.92	133.64	0.00157	133.64	120.92	0.00115
135.06	119.50	0.00111	136.47	118.09	0.00106
137.89	116.67	0.00102	139.30	115.26	0.00098
141.42	113.14	0.00092	144.96	109.60	0.00082
148.49	106.07	0.00074	155.56	98.99	0.00060
162.63	91.92	0.00049	169.71	84.85	0.00041
176.78	77.78	0.00034	183.85	70.71	0.00028
190.92	63.64	0.00024	197.99	56.57	0.00020
63.64	205.06	0.00118	70.71	197.99	0.00130
77.78	190.92	0.00141	84.85	183.85	0.00149
91.92	176.78	0.00153	98.99	169.71	0.00153
106.07	162.63	0.00148	113.14	155.56	0.00142
116.67	152.03	0.00139	120.21	148.49	0.00137
122.33	146.37	0.00135	123.74	144.96	0.00133
125.16	143.54	0.00131	126.57	142.13	0.00129
127.99	140.71	0.00127	140.71	127.99	0.00096
142.13	126.57	0.00093	143.54	125.16	0.00090
144.96	123.74	0.00087	146.37	122.33	0.00084
148.49	120.21	0.00079	152.03	116.67	0.00072
155.56	113.14	0.00065	162.63	106.07	0.00054
169.71	98.99	0.00046	176.78	91.92	0.00038
183.85	84.85	0.00032	190.92	77.78	0.00027
197.99	70.71	0.00023	205.06	63.64	0.00020
70.71	212.13	0.00110	77.78	205.06	0.00118
84.85	197.99	0.00124	91.92	190.92	0.00127
98.99	183.85	0.00127	106.07	176.78	0.00125
113.14	169.71	0.00121	120.21	162.63	0.00117
123.74	159.10	0.00115	127.28	155.56	0.00113

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00111	130.81	152.03	0.00110
132.23	150.61	0.00108	133.64	149.20	0.00106
135.06	147.79	0.00104	147.79	135.06	0.00081
149.20	133.64	0.00079	150.61	132.23	0.00077
152.03	130.81	0.00074	153.44	129.40	0.00072
155.56	127.28	0.00068	159.10	123.74	0.00063

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	120.21	0.00058	169.71	113.14	0.00049
176.78	106.07	0.00042	183.85	98.99	0.00036
190.92	91.92	0.00031	197.99	84.85	0.00026
205.06	77.78	0.00023	212.13	70.71	0.00019
77.78	219.20	0.00100	84.85	212.13	0.00105
91.92	205.06	0.00107	98.99	197.99	0.00108
106.07	190.92	0.00106	113.14	183.85	0.00103
120.21	176.78	0.00100	127.28	169.71	0.00098
130.81	166.17	0.00096	134.35	162.63	0.00095
136.47	160.51	0.00093	137.89	159.10	0.00092
139.30	157.68	0.00091	140.71	156.27	0.00089
142.13	154.86	0.00087	154.86	142.13	0.00070
156.27	140.71	0.00068	157.68	139.30	0.00066
159.10	137.89	0.00064	160.51	136.47	0.00062
162.63	134.35	0.00060	166.17	130.81	0.00055
169.71	127.28	0.00051	176.78	120.21	0.00044
183.85	113.14	0.00038	190.92	106.07	0.00033
197.99	98.99	0.00029	205.06	91.92	0.00025
212.13	84.85	0.00022	219.20	77.78	0.00019
84.85	226.27	0.00090	91.92	219.20	0.00092
98.99	212.13	0.00092	106.07	205.06	0.00091
113.14	197.99	0.00089	120.21	190.92	0.00087
127.28	183.85	0.00085	134.35	176.78	0.00083
137.89	173.24	0.00082	141.42	169.71	0.00080
143.54	167.58	0.00079	144.96	166.17	0.00078
146.37	164.76	0.00077	147.79	163.34	0.00076
149.20	161.93	0.00074	161.93	149.20	0.00060
163.34	147.79	0.00059	164.76	146.37	0.00057
166.17	144.96	0.00056	167.58	143.54	0.00055
169.71	141.42	0.00052	173.24	137.89	0.00049
176.78	134.35	0.00046	183.85	127.28	0.00039
190.92	120.21	0.00034	197.99	113.14	0.00030
205.06	106.07	0.00027	212.13	98.99	0.00024
219.20	91.92	0.00021	226.27	84.85	0.00018

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	233.35	0.00079	98.99	226.27	0.00080
106.07	219.20	0.00080	113.14	212.13	0.00078
120.21	205.06	0.00076	127.28	197.99	0.00075
134.35	190.92	0.00073	141.42	183.85	0.00072
144.96	180.31	0.00071	148.49	176.78	0.00069
150.61	174.66	0.00068	152.03	173.24	0.00067
153.44	171.83	0.00066	154.86	170.41	0.00065
156.27	169.00	0.00064	169.00	156.27	0.00053
170.41	154.86	0.00051	171.83	153.44	0.00050
173.24	152.03	0.00049	174.66	150.61	0.00048
176.78	148.49	0.00046	180.31	144.96	0.00044
183.85	141.42	0.00041	190.92	134.35	0.00036
197.99	127.28	0.00031	205.06	120.21	0.00028
212.13	113.14	0.00025	219.20	106.07	0.00022
226.27	98.99	0.00020	233.35	91.92	0.00018
98.99	240.42	0.00070	106.07	233.35	0.00070
113.14	226.27	0.00069	120.21	219.20	0.00067
127.28	212.13	0.00066	134.35	205.06	0.00065
141.42	197.99	0.00064	148.49	190.92	0.00062
152.03	187.38	0.00061	155.56	183.85	0.00060
157.68	181.73	0.00059	159.10	180.31	0.00058
160.51	178.90	0.00057	161.93	177.48	0.00057
163.34	176.07	0.00056	176.07	163.34	0.00046
177.48	161.93	0.00045	178.90	160.51	0.00044
180.31	159.10	0.00044	181.73	157.68	0.00043
183.85	155.56	0.00041	187.38	152.03	0.00039
190.92	148.49	0.00037	197.99	141.42	0.00033
205.06	134.35	0.00029	212.13	127.28	0.00025
219.20	120.21	0.00023	226.27	113.14	0.00021
233.35	106.07	0.00019	240.42	98.99	0.00017
106.07	247.49	0.00062	113.14	240.42	0.00061
120.21	233.35	0.00060	127.28	226.27	0.00059
134.35	219.20	0.00058	141.42	212.13	0.00057
148.49	205.06	0.00056	155.56	197.99	0.00055
159.10	194.45	0.00054	162.63	190.92	0.00053
164.76	188.80	0.00052	166.17	187.38	0.00051
167.58	185.97	0.00050	169.00	184.55	0.00050
170.41	183.14	0.00049	183.14	170.41	0.00041
184.55	169.00	0.00040	185.97	167.58	0.00040
187.38	166.17	0.00039	188.80	164.76	0.00038

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00037	194.45	159.10	0.00035	
197.99	155.56	0.00033	205.06	148.49	0.00030	
212.13	141.42	0.00026	219.20	134.35	0.00023	
226.27	127.28	0.00021	233.35	120.21	0.00019	
240.42	113.14	0.00018	247.49	106.07	0.00016	

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

18:03:23  
 \*\*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	
-247.49	-106.07	0.00030	-240.42	-113.14	0.00032	
-233.35	-120.21	0.00033	-226.27	-127.28	0.00034	
-219.20	-134.35	0.00035	-212.13	-141.42	0.00037	
-205.06	-148.49	0.00038	-197.99	-155.56	0.00039	
-194.45	-159.10	0.00039	-190.92	-162.63	0.00040	
-188.80	-164.76	0.00040	-187.38	-166.17	0.00040	
-185.97	-167.58	0.00040	-184.55	-169.00	0.00040	
-183.14	-170.41	0.00040	-170.41	-183.14	0.00040	
-169.00	-184.55	0.00040	-167.58	-185.97	0.00040	
-166.17	-187.38	0.00040	-164.76	-188.80	0.00039	
-162.63	-190.92	0.00039	-159.10	-194.45	0.00038	
-155.56	-197.99	0.00038	-148.49	-205.06	0.00036	
-141.42	-212.13	0.00035	-134.35	-219.20	0.00034	
-127.28	-226.27	0.00033	-120.21	-233.35	0.00032	
-113.14	-240.42	0.00031	-106.07	-247.49	0.00030	
-240.42	-98.99	0.00032	-233.35	-106.07	0.00033	
-226.27	-113.14	0.00035	-219.20	-120.21	0.00036	
-212.13	-127.28	0.00038	-205.06	-134.35	0.00039	
-197.99	-141.42	0.00040	-190.92	-148.49	0.00042	
-187.38	-152.03	0.00042	-183.85	-155.56	0.00043	
-181.73	-157.68	0.00043	-180.31	-159.10	0.00043	
-178.90	-160.51	0.00043	-177.48	-161.93	0.00044	
-176.07	-163.34	0.00044	-163.34	-176.07	0.00043	



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-161.93	-177.48	0.00043	-160.51	-178.90	0.00043
-159.10	-180.31	0.00043	-157.68	-181.73	0.00042
-155.56	-183.85	0.00042	-152.03	-187.38	0.00041
-148.49	-190.92	0.00040	-141.42	-197.99	0.00039
-134.35	-205.06	0.00037	-127.28	-212.13	0.00036
-120.21	-219.20	0.00035	-113.14	-226.27	0.00034
-106.07	-233.35	0.00033	-98.99	-240.42	0.00032
-233.35	-91.92	0.00033	-226.27	-99.00	0.00035
-219.20	-106.07	0.00037	-212.13	-113.14	0.00039
-205.06	-120.21	0.00041	-197.99	-127.28	0.00042
-190.92	-134.35	0.00044	-183.85	-141.42	0.00045
-180.31	-144.96	0.00046	-176.78	-148.49	0.00046
-174.66	-150.61	0.00047	-173.24	-152.03	0.00047
-171.83	-153.44	0.00047	-170.41	-154.86	0.00047
-169.00	-156.27	0.00047	-156.27	-169.00	0.00047
-154.86	-170.41	0.00046	-153.44	-171.83	0.00046
-152.03	-173.24	0.00046	-150.61	-174.66	0.00046

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00045	-144.96	-180.31	0.00044
-141.42	-183.85	0.00043	-134.35	-190.92	0.00042
-127.28	-197.99	0.00040	-120.21	-205.06	0.00039
-113.14	-212.13	0.00038	-106.07	-219.20	0.00037
-98.99	-226.27	0.00036	-91.92	-233.35	0.00035
-226.27	-84.85	0.00035	-219.20	-91.92	0.00037
-212.13	-99.00	0.00040	-205.06	-106.07	0.00042
-197.99	-113.14	0.00043	-190.92	-120.21	0.00045
-183.85	-127.28	0.00047	-176.78	-134.35	0.00049
-173.24	-137.89	0.00049	-169.71	-141.42	0.00050
-167.58	-143.54	0.00050	-166.17	-144.96	0.00051
-164.76	-146.37	0.00051	-163.34	-147.79	0.00051
-161.93	-149.20	0.00051	-149.20	-161.93	0.00051
-147.79	-163.34	0.00050	-146.37	-164.76	0.00050
-144.96	-166.17	0.00050	-143.54	-167.58	0.00049
-141.42	-169.71	0.00049	-137.89	-173.24	0.00048
-134.35	-176.78	0.00047	-127.28	-183.85	0.00045

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-190.92	0.00043	-113.14	-197.99	0.00042
-106.07	-205.06	0.00041	-98.99	-212.13	0.00040
-91.92	-219.20	0.00038	-84.85	-226.27	0.00037
-219.20	-77.78	0.00037	-212.13	-84.85	0.00040
-205.06	-91.92	0.00042	-197.99	-99.00	0.00045
-190.92	-106.07	0.00047	-183.85	-113.14	0.00049
-176.78	-120.21	0.00051	-169.71	-127.28	0.00053
-166.17	-130.81	0.00054	-162.63	-134.35	0.00054
-160.51	-136.47	0.00055	-159.10	-137.89	0.00055
-157.68	-139.30	0.00055	-156.27	-140.71	0.00055
-154.86	-142.13	0.00056	-142.13	-154.86	0.00055
-140.71	-156.27	0.00055	-139.30	-157.68	0.00054
-137.89	-159.10	0.00054	-136.47	-160.51	0.00054
-134.35	-162.63	0.00053	-130.81	-166.17	0.00052
-127.28	-169.71	0.00051	-120.21	-176.78	0.00048
-113.14	-183.85	0.00047	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00042
-84.85	-212.13	0.00041	-77.78	-219.20	0.00039
-212.13	-70.71	0.00039	-205.06	-77.78	0.00042
-197.99	-84.85	0.00045	-190.92	-91.92	0.00048
-183.85	-98.99	0.00050	-176.78	-106.07	0.00053
-169.71	-113.14	0.00055	-162.63	-120.21	0.00057
-159.10	-123.74	0.00058	-155.56	-127.28	0.00059

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

18:03:23  
 \*\*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	0.00060	-152.03	-130.81	0.00060
-150.61	-132.23	0.00060	-149.20	-133.64	0.00061
-147.79	-135.06	0.00061	-135.06	-147.79	0.00060
-133.64	-149.20	0.00060	-132.23	-150.61	0.00059
-130.81	-152.03	0.00059	-129.40	-153.44	0.00058
-127.28	-155.56	0.00058	-123.74	-159.10	0.00056
-120.21	-162.63	0.00055	-113.14	-169.71	0.00052
-106.07	-176.78	0.00051	-98.99	-183.85	0.00049
-91.92	-190.92	0.00047	-84.85	-197.99	0.00046
-77.78	-205.06	0.00044	-70.71	-212.13	0.00042
-205.06	-63.64	0.00041	-197.99	-70.71	0.00045

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-77.78	0.00048	-183.85	-84.85	0.00051
-176.78	-91.92	0.00054	-169.71	-98.99	0.00057
-162.63	-106.07	0.00060	-155.56	-113.14	0.00062
-152.03	-116.67	0.00064	-148.49	-120.21	0.00065
-146.37	-122.33	0.00065	-144.96	-123.74	0.00066
-143.54	-125.16	0.00066	-142.13	-126.57	0.00067
-140.71	-127.99	0.00067	-127.99	-140.71	0.00066
-126.57	-142.13	0.00066	-125.16	-143.54	0.00065
-123.74	-144.96	0.00064	-122.33	-146.37	0.00064
-120.21	-148.49	0.00063	-116.67	-152.03	0.00061
-113.14	-155.56	0.00060	-106.07	-162.63	0.00057
-98.99	-169.71	0.00055	-91.92	-176.78	0.00053
-84.85	-183.85	0.00052	-77.78	-190.92	0.00049
-70.71	-197.99	0.00047	-63.64	-205.06	0.00045
-197.99	-56.57	0.00044	-190.92	-63.64	0.00048
-183.85	-70.71	0.00051	-176.78	-77.78	0.00055
-169.71	-84.85	0.00059	-162.63	-91.92	0.00062
-155.56	-98.99	0.00066	-148.49	-106.07	0.00069
-144.96	-109.60	0.00070	-141.42	-113.14	0.00071
-139.30	-115.26	0.00072	-137.89	-116.67	0.00073
-136.47	-118.09	0.00073	-135.06	-119.50	0.00073
-133.64	-120.92	0.00074	-120.92	-133.64	0.00073
-119.50	-135.06	0.00072	-118.09	-136.47	0.00072
-116.67	-137.89	0.00071	-115.26	-139.30	0.00070
-113.14	-141.42	0.00069	-109.60	-144.96	0.00067
-106.07	-148.49	0.00066	-98.99	-155.56	0.00063
-91.92	-162.63	0.00060	-84.85	-169.71	0.00058
-77.78	-176.78	0.00056	-70.71	-183.85	0.00054
-63.64	-190.92	0.00051	-56.57	-197.99	0.00048

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

18:03:23  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00046	-183.85	-56.57	0.00050
-176.78	-63.64	0.00055	-169.71	-70.71	0.00059
-162.63	-77.78	0.00064	-155.56	-84.85	0.00068
-148.49	-91.92	0.00072	-141.42	-98.99	0.00075
-137.89	-102.53	0.00077	-134.35	-106.07	0.00079

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-132.23	-108.19	0.00080	-130.81	-109.60	0.00080
-129.40	-111.02	0.00081	-127.99	-112.43	0.00081
-126.57	-113.84	0.00082	-113.84	-126.57	0.00081
-112.43	-127.99	0.00080	-111.02	-129.40	0.00079
-109.60	-130.81	0.00078	-108.19	-132.23	0.00078
-106.07	-134.35	0.00076	-102.53	-137.89	0.00074
-98.99	-141.42	0.00072	-91.92	-148.49	0.00069
-84.85	-155.56	0.00066	-77.78	-162.63	0.00064
-70.71	-169.71	0.00061	-63.64	-176.78	0.00058
-56.57	-183.85	0.00055	-49.50	-190.92	0.00051
-183.85	-42.43	0.00047	-176.78	-49.50	0.00053
-169.71	-56.57	0.00058	-162.63	-63.64	0.00064
-155.56	-70.71	0.00069	-148.49	-77.78	0.00074
-141.42	-84.85	0.00079	-134.35	-91.92	0.00083
-130.81	-95.46	0.00086	-127.28	-98.99	0.00088
-125.16	-101.12	0.00089	-123.74	-102.53	0.00089
-122.33	-103.94	0.00090	-120.92	-105.36	0.00091
-119.50	-106.77	0.00091	-106.77	-119.50	0.00090
-105.36	-120.92	0.00089	-103.94	-122.33	0.00088
-102.53	-123.74	0.00087	-101.12	-125.16	0.00086
-98.99	-127.28	0.00084	-95.46	-130.81	0.00082
-91.92	-134.35	0.00080	-84.85	-141.42	0.00076
-77.78	-148.49	0.00073	-70.71	-155.56	0.00070
-63.64	-162.63	0.00067	-56.57	-169.71	0.00063
-49.50	-176.78	0.00059	-42.43	-183.85	0.00054
-176.78	-35.36	0.00049	-169.71	-42.43	0.00055
-162.63	-49.50	0.00062	-155.56	-56.57	0.00069
-148.49	-63.64	0.00075	-141.42	-70.71	0.00082
-134.35	-77.78	0.00088	-127.28	-84.85	0.00093
-123.74	-88.39	0.00095	-120.21	-91.92	0.00098
-118.09	-94.05	0.00099	-116.67	-95.46	0.00100
-115.26	-96.87	0.00101	-113.84	-98.29	0.00102
-112.43	-99.70	0.00102	-99.70	-112.43	0.00101
-98.29	-113.84	0.00100	-96.87	-115.26	0.00098
-95.46	-116.67	0.00097	-94.05	-118.09	0.00096

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

18:03:23  
 \*\*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      \*\*

		13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00094	-88.39	-123.74	0.00091
-84.85	-127.28	0.00089	-77.78	-134.35	0.00085
-70.71	-141.42	0.00081	-63.64	-148.49	0.00077
-56.57	-155.56	0.00073	-49.50	-162.63	0.00068
-42.43	-169.71	0.00063	-35.36	-176.78	0.00057
-169.71	-28.28	0.00051	-162.63	-35.36	0.00058
-155.56	-42.43	0.00065	-148.49	-49.50	0.00074
-141.42	-56.57	0.00082	-134.35	-63.64	0.00090
-127.28	-70.71	0.00097	-120.21	-77.78	0.00104
-116.67	-81.32	0.00107	-113.14	-84.85	0.00110
-111.02	-86.97	0.00112	-109.60	-88.39	0.00113
-108.19	-89.80	0.00114	-106.77	-91.22	0.00115
-105.36	-92.63	0.00115	-92.63	-105.36	0.00113
-91.22	-106.77	0.00112	-89.80	-108.19	0.00111
-88.39	-109.60	0.00109	-86.97	-111.02	0.00108
-84.85	-113.14	0.00106	-81.32	-116.67	0.00102
-77.78	-120.21	0.00099	-70.71	-127.28	0.00095
-63.64	-134.35	0.00090	-56.57	-141.42	0.00085
-49.50	-148.49	0.00080	-42.43	-155.56	0.00073
-35.36	-162.63	0.00067	-28.28	-169.71	0.00060
-162.63	-21.21	0.00052	-155.56	-28.28	0.00060
-148.49	-35.36	0.00069	-141.42	-42.43	0.00078
-134.35	-49.50	0.00089	-127.28	-56.57	0.00099
-120.21	-63.64	0.00108	-113.14	-70.71	0.00117
-109.60	-74.25	0.00120	-106.07	-77.78	0.00124
-103.94	-79.90	0.00126	-102.53	-81.32	0.00128
-101.12	-82.73	0.00129	-99.70	-84.15	0.00130
-98.29	-85.56	0.00131	-85.56	-98.29	0.00129
-84.15	-99.70	0.00127	-82.73	-101.12	0.00125
-81.32	-102.53	0.00124	-79.90	-103.94	0.00122
-77.78	-106.07	0.00119	-74.25	-109.60	0.00115
-70.71	-113.14	0.00112	-63.64	-120.21	0.00107
-56.57	-127.28	0.00101	-49.50	-134.35	0.00094
-42.43	-141.42	0.00087	-35.36	-148.49	0.00079
-28.28	-155.56	0.00070	-21.21	-162.63	0.00063
-155.56	-14.14	0.00054	-148.49	-21.21	0.00062
-141.42	-28.28	0.00072	-134.35	-35.36	0.00083
-127.28	-42.43	0.00095	-120.21	-49.50	0.00108
-113.14	-56.57	0.00120	-106.07	-63.64	0.00132
-102.53	-67.18	0.00137	-98.99	-70.71	0.00141

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:03:23

\*\*MODELOPTS:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00144	-95.46	-74.25	0.00146
-94.05	-75.66	0.00148	-92.63	-77.07	0.00149
-91.22	-78.49	0.00151	-78.49	-91.22	0.00147
-77.07	-92.63	0.00145	-75.66	-94.05	0.00143
-74.25	-95.46	0.00141	-72.83	-96.87	0.00139
-70.71	-98.99	0.00136	-67.18	-102.53	0.00131
-63.64	-106.07	0.00128	-56.57	-113.14	0.00121
-49.50	-120.21	0.00113	-42.43	-127.28	0.00104
-35.36	-134.35	0.00094	-28.28	-141.42	0.00084
-21.21	-148.49	0.00074	-14.14	-155.56	0.00065
-148.49	-7.07	0.00055	-141.42	-14.14	0.00064
-134.35	-21.21	0.00074	-127.28	-28.28	0.00087
-120.21	-35.36	0.00102	-113.14	-42.43	0.00118
-106.07	-49.50	0.00134	-98.99	-56.57	0.00149
-95.46	-60.10	0.00156	-91.92	-63.64	0.00162
-89.80	-65.76	0.00165	-88.39	-67.18	0.00168
-86.97	-68.59	0.00170	-85.56	-70.00	0.00172
-84.15	-71.42	0.00174	-71.42	-84.15	0.00170
-70.00	-85.56	0.00167	-68.59	-86.97	0.00164
-67.18	-88.39	0.00162	-65.76	-89.80	0.00159
-63.64	-91.92	0.00156	-60.10	-95.46	0.00151
-56.57	-98.99	0.00146	-49.50	-106.07	0.00137
-42.43	-113.14	0.00126	-35.36	-120.21	0.00114
-28.28	-127.28	0.00101	-21.21	-134.35	0.00088
-14.14	-141.42	0.00076	-7.07	-148.49	0.00066
-141.42	0.00	0.00055	-134.35	-7.07	0.00065
-127.28	-14.14	0.00077	-120.21	-21.21	0.00091
-113.14	-28.28	0.00108	-106.07	-35.36	0.00128
-98.99	-42.43	0.00149	-91.92	-49.50	0.00169
-88.39	-53.03	0.00178	-84.85	-56.57	0.00187
-82.73	-58.69	0.00191	-81.32	-60.10	0.00194
-79.90	-61.52	0.00197	-78.49	-62.93	0.00200
-77.07	-64.35	0.00203	-64.35	-77.07	0.00197
-62.93	-78.49	0.00194	-61.52	-79.90	0.00190
-60.10	-81.32	0.00187	-58.69	-82.73	0.00184
-56.57	-84.85	0.00180	-53.03	-88.39	0.00174
-49.50	-91.92	0.00169	-42.43	-98.99	0.00156

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-106.07	0.00140	-28.28	-113.14	0.00123
-21.21	-120.21	0.00107	-14.14	-127.28	0.00091
-7.07	-134.35	0.00078	0.00	-141.42	0.00067

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

18:03:23  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00056	-127.28	0.00	0.00066
-120.21	-7.07	0.00078	-113.14	-14.14	0.00094
-106.07	-21.21	0.00113	-98.99	-28.28	0.00136
-91.92	-35.36	0.00163	-84.85	-42.43	0.00191
-81.32	-45.96	0.00204	-77.78	-49.50	0.00216
-75.66	-51.62	0.00222	-74.25	-53.03	0.00226
-72.83	-54.45	0.00230	-71.42	-55.86	0.00234
-70.00	-57.28	0.00238	-57.28	-70.00	0.00231
-55.86	-71.42	0.00227	-54.45	-72.83	0.00222
-53.03	-74.25	0.00219	-51.62	-75.66	0.00215
-49.50	-77.78	0.00211	-45.96	-81.32	0.00203
-42.43	-84.85	0.00195	-35.36	-91.92	0.00176
-28.28	-98.99	0.00154	-21.21	-106.07	0.00132
-14.14	-113.14	0.00111	-7.07	-120.21	0.00094
0.00	-127.28	0.00079	7.07	-134.35	0.00067
-127.28	14.14	0.00055	-120.21	7.07	0.00066
-113.14	0.00	0.00079	-106.07	-7.07	0.00096
-98.99	-14.14	0.00117	-91.92	-21.21	0.00143
-84.85	-28.28	0.00175	-77.78	-35.36	0.00213
-74.25	-38.89	0.00232	-70.71	-42.43	0.00249
-68.59	-44.55	0.00259	-67.18	-45.96	0.00264
-65.76	-47.38	0.00270	-64.35	-48.79	0.00275
-62.93	-50.20	0.00281	-50.20	-62.93	0.00273
-48.79	-64.35	0.00267	-47.38	-65.76	0.00262
-45.96	-67.18	0.00258	-44.55	-68.59	0.00254
-42.43	-70.71	0.00248	-38.89	-74.25	0.00237
-35.36	-77.78	0.00225	-28.28	-84.85	0.00196
-21.21	-91.92	0.00165	-14.14	-98.99	0.00138
-7.07	-106.07	0.00114	0.00	-113.14	0.00095
7.07	-120.21	0.00079	14.14	-127.28	0.00066
-120.21	21.21	0.00054	-113.14	14.14	0.00065

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	7.07	0.00079	-98.99	0.00	0.00096
-91.92	-7.07	0.00119	-84.85	-14.14	0.00149
-77.78	-21.21	0.00186	-70.71	-28.28	0.00231
-67.18	-31.82	0.00257	-63.64	-35.36	0.00284
-61.52	-37.48	0.00299	-60.10	-38.89	0.00308
-58.69	-40.31	0.00316	-57.28	-41.72	0.00324
-55.86	-43.13	0.00332	-43.13	-55.86	0.00324
-41.72	-57.28	0.00318	-40.31	-58.69	0.00312
-38.89	-60.10	0.00307	-37.48	-61.52	0.00301

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

18:03:23  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00292	-31.82	-67.18	0.00274
-28.28	-70.71	0.00254	-21.21	-77.78	0.00212
-14.14	-84.85	0.00174	-7.07	-91.92	0.00142
0.00	-98.99	0.00115	7.07	-106.07	0.00095
14.14	-113.14	0.00078	21.21	-120.21	0.00065
-113.14	28.28	0.00054	-106.07	21.21	0.00064
-98.99	14.14	0.00077	-91.92	7.07	0.00095
-84.85	0.00	0.00119	-77.78	-7.07	0.00150
-70.71	-14.14	0.00191	-63.64	-21.21	0.00244
-60.10	-24.75	0.00277	-56.57	-28.28	0.00312
-54.45	-30.41	0.00335	-53.03	-31.82	0.00351
-51.62	-33.23	0.00366	-50.20	-34.65	0.00380
-48.79	-36.06	0.00393	-36.06	-48.79	0.00392
-34.65	-50.20	0.00383	-33.23	-51.62	0.00373
-31.82	-53.03	0.00363	-30.41	-54.45	0.00352
-28.28	-56.57	0.00335	-24.75	-60.10	0.00305
-21.21	-63.64	0.00275	-14.14	-70.71	0.00222
-7.07	-77.78	0.00178	0.00	-84.85	0.00142
7.07	-91.92	0.00114	14.14	-98.99	0.00093
21.21	-106.07	0.00076	28.28	-113.14	0.00062
-106.07	35.36	0.00053	-98.99	28.28	0.00063
-91.92	21.21	0.00076	-84.85	14.14	0.00094
-77.78	7.07	0.00117	-70.71	0.00	0.00149
-63.64	-7.07	0.00192	-56.57	-14.14	0.00249
-53.03	-17.68	0.00285	-49.50	-21.21	0.00327



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-47.38	-23.33	0.00356	-45.96	-24.75	0.00377
-44.55	-26.16	0.00400	-43.13	-27.58	0.00427
-41.72	-28.99	0.00456	-28.99	-41.72	0.00472
-27.58	-43.13	0.00449	-26.16	-44.55	0.00426
-24.75	-45.96	0.00406	-23.33	-47.38	0.00388
-21.21	-49.50	0.00361	-17.68	-53.03	0.00321
-14.14	-56.57	0.00285	-7.07	-63.64	0.00224
0.00	-70.71	0.00176	7.07	-77.78	0.00139
14.14	-84.85	0.00110	21.21	-91.92	0.00089
28.28	-98.99	0.00072	35.36	-106.07	0.00059
-98.99	42.43	0.00053	-91.92	35.36	0.00063
-84.85	28.28	0.00076	-77.78	21.21	0.00093
-70.71	14.14	0.00117	-63.64	7.07	0.00149
-56.57	0.00	0.00194	-49.50	-7.07	0.00255
-45.96	-10.61	0.00294	-42.43	-14.14	0.00343

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

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

18:03:23

\*\*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	0.00378	-38.89	-17.68	0.00404
-37.48	-19.09	0.00436	-36.06	-20.51	0.00477
-34.65	-21.92	0.00532	-21.92	-34.65	0.00501
-20.51	-36.06	0.00468	-19.09	-37.48	0.00440
-17.68	-38.89	0.00417	-16.26	-40.31	0.00395
-14.14	-42.43	0.00365	-10.61	-45.96	0.00322
-7.07	-49.50	0.00283	0.00	-56.57	0.00219
7.07	-63.64	0.00170	14.14	-70.71	0.00132
21.21	-77.78	0.00104	28.28	-84.85	0.00083
35.36	-91.92	0.00067	42.43	-98.99	0.00055
-91.92	49.50	0.00053	-84.85	42.43	0.00064
-77.78	35.36	0.00077	-70.71	28.28	0.00095
-63.64	21.21	0.00120	-56.57	14.14	0.00155
-49.50	7.07	0.00207	-42.43	0.00	0.00287
-38.89	-3.54	0.00346	-35.36	-7.07	0.00426
-33.23	-9.19	0.00486	-31.82	-10.61	0.00532
-30.41	-12.02	0.00583	-28.99	-13.44	0.00640
-27.58	-14.85	0.00705	-14.85	-27.58	0.00522
-13.44	-28.99	0.00480	-12.02	-30.41	0.00446

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-10.61	-31.82	0.00418	-9.19	-33.23	0.00394
-7.07	-35.36	0.00361	-3.54	-38.89	0.00314
0.00	-42.43	0.00273	7.07	-49.50	0.00208
14.14	-56.57	0.00159	21.21	-63.64	0.00123
28.28	-70.71	0.00096	35.36	-77.78	0.00077
42.43	-84.85	0.00062	49.50	-91.92	0.00051
-84.85	56.57	0.00055	-77.78	49.50	0.00066
-70.71	42.43	0.00081	-63.64	35.36	0.00101
-56.57	28.28	0.00129	-49.50	21.21	0.00171
-42.43	14.14	0.00239	-35.36	7.07	0.00350
-31.82	3.54	0.00427	-28.28	0.00	0.00519
-26.16	-2.12	0.00582	-24.75	-3.54	0.00626
-23.33	-4.95	0.00674	-21.92	-6.36	0.00725
-20.51	-7.78	0.00785	-7.78	-20.51	0.00538
-6.36	-21.92	0.00491	-4.95	-23.33	0.00453
-3.54	-24.75	0.00421	-2.12	-26.16	0.00393
0.00	-28.28	0.00355	3.54	-31.82	0.00303
7.07	-35.36	0.00260	14.14	-42.43	0.00193
21.21	-49.50	0.00145	28.28	-56.57	0.00111
35.36	-63.64	0.00087	42.43	-70.71	0.00069
49.50	-77.78	0.00057	56.57	-84.85	0.00047

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

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

18:03:23

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00059	-70.71	56.57	0.00071
-63.64	49.50	0.00088	-56.57	42.43	0.00112
-49.50	35.36	0.00146	-42.43	28.28	0.00199
-35.36	21.21	0.00281	-28.28	14.14	0.00403
-24.75	10.61	0.00480	-21.21	7.07	0.00567
-19.09	4.95	0.00625	-17.68	3.54	0.00666
-16.26	2.12	0.00710	-14.85	0.71	0.00759
-13.44	-0.71	0.00815	-0.71	-13.44	0.00539
0.71	-14.85	0.00489	2.12	-16.26	0.00449
3.54	-17.68	0.00414	4.95	-19.09	0.00384
7.07	-21.21	0.00345	10.61	-24.75	0.00289
14.14	-28.28	0.00243	21.21	-35.36	0.00175
28.28	-42.43	0.00130	35.36	-49.50	0.00099

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-56.57	0.00077	49.50	-63.64	0.00062
56.57	-70.71	0.00051	63.64	-77.78	0.00043
-70.71	70.71	0.00064	-63.64	63.64	0.00079
-56.57	56.57	0.00099	-49.50	49.50	0.00128
-42.43	42.43	0.00169	-35.36	35.36	0.00230
-28.28	28.28	0.00315	-21.21	21.21	0.00430
-17.68	17.68	0.00501	-14.14	14.14	0.00581
-12.02	12.02	0.00635	-10.61	10.61	0.00674
-9.19	9.19	0.00717	-7.78	7.78	0.00764
-6.36	6.36	0.00818	6.36	-6.36	0.00525
7.78	-7.78	0.00474	9.19	-9.19	0.00432
10.61	-10.61	0.00396	12.02	-12.02	0.00365
14.14	-14.14	0.00324	17.68	-17.68	0.00267
21.21	-21.21	0.00221	28.28	-28.28	0.00155
35.36	-35.36	0.00114	42.43	-42.43	0.00087
49.50	-49.50	0.00068	56.57	-56.57	0.00055
63.64	-63.64	0.00046	70.71	-70.71	0.00038
-63.64	77.78	0.00072	-56.57	70.71	0.00090
-49.50	63.64	0.00113	-42.43	56.57	0.00146
-35.36	49.50	0.00193	-28.28	42.43	0.00255
-21.21	35.36	0.00336	-14.14	28.28	0.00439
-10.61	24.75	0.00501	-7.07	21.21	0.00574
-4.95	19.09	0.00625	-3.54	17.68	0.00662
-2.12	16.26	0.00702	-0.71	14.85	0.00746
0.71	13.44	0.00798	13.44	0.71	0.00495
14.85	-0.71	0.00443	16.26	-2.12	0.00401
17.68	-3.54	0.00365	19.09	-4.95	0.00333

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00291	24.75	-10.61	0.00236
28.28	-14.14	0.00193	35.36	-21.21	0.00134
42.43	-28.28	0.00099	49.50	-35.36	0.00076
56.57	-42.43	0.00060	63.64	-49.50	0.00049
70.71	-56.57	0.00041	77.78	-63.64	0.00034
-56.57	84.85	0.00083	-49.50	77.78	0.00103
-42.43	70.71	0.00130	-35.36	63.64	0.00166

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	56.57	0.00213	-21.21	49.50	0.00273
-14.14	42.43	0.00347	-7.07	35.36	0.00439
-3.54	31.82	0.00492	0.00	28.28	0.00556
2.12	26.16	0.00600	3.54	24.75	0.00633
4.95	23.33	0.00669	6.36	21.92	0.00710
7.78	20.51	0.00759	20.51	7.78	0.00449
21.92	6.36	0.00396	23.33	4.95	0.00354
24.75	3.54	0.00319	26.16	2.12	0.00288
28.28	0.00	0.00248	31.82	-3.54	0.00198
35.36	-7.07	0.00162	42.43	-14.14	0.00115
49.50	-21.21	0.00086	56.57	-28.28	0.00067
63.64	-35.36	0.00053	70.71	-42.43	0.00043
77.78	-49.50	0.00036	84.85	-56.57	0.00030
-49.50	91.92	0.00094	-42.43	84.85	0.00116
-35.36	77.78	0.00145	-28.28	70.71	0.00182
-21.21	63.64	0.00229	-14.14	56.57	0.00285
-7.07	49.50	0.00353	0.00	42.43	0.00434
3.54	38.89	0.00481	7.07	35.36	0.00535
9.19	33.23	0.00570	10.61	31.82	0.00596
12.02	30.41	0.00626	13.44	28.99	0.00660
14.85	27.58	0.00702	27.58	14.85	0.00381
28.99	13.44	0.00331	30.41	12.02	0.00291
31.82	10.61	0.00260	33.23	9.19	0.00234
35.36	7.07	0.00202	38.89	3.54	0.00164
42.43	0.00	0.00136	49.50	-7.07	0.00099
56.57	-14.14	0.00075	63.64	-21.21	0.00059
70.71	-28.28	0.00047	77.78	-35.36	0.00039
84.85	-42.43	0.00032	91.92	-49.50	0.00027
-42.43	98.99	0.00105	-35.36	91.92	0.00128
-28.28	84.85	0.00158	-21.21	77.78	0.00195
-14.14	70.71	0.00240	-7.07	63.64	0.00294
0.00	56.57	0.00357	7.07	49.50	0.00432
10.61	45.96	0.00474	14.14	42.43	0.00519

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00548	17.68	38.89	0.00568

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

19.09	37.48	0.00589	20.51	36.06	0.00613
21.92	34.65	0.00640	34.65	21.92	0.00295
36.06	20.51	0.00259	37.48	19.09	0.00231
38.89	17.68	0.00209	40.31	16.26	0.00191
42.43	14.14	0.00168	45.96	10.61	0.00139
49.50	7.07	0.00117	56.57	0.00	0.00087
63.64	-7.07	0.00067	70.71	-14.14	0.00053
77.78	-21.21	0.00043	84.85	-28.28	0.00035
91.92	-35.36	0.00030	98.99	-42.43	0.00025
-35.36	106.07	0.00114	-28.28	98.99	0.00138
-21.21	91.92	0.00167	-14.14	84.85	0.00203
-7.07	77.78	0.00245	0.00	70.71	0.00295
7.07	63.64	0.00354	14.14	56.57	0.00422
17.68	53.03	0.00459	21.21	49.50	0.00498
23.33	47.38	0.00520	24.75	45.96	0.00533
26.16	44.55	0.00545	27.58	43.13	0.00554
28.99	41.72	0.00555	41.72	28.99	0.00252
43.13	27.58	0.00227	44.55	26.16	0.00206
45.96	24.75	0.00188	47.38	23.33	0.00172
49.50	21.21	0.00153	53.03	17.68	0.00127
56.57	14.14	0.00107	63.64	7.07	0.00080
70.71	0.00	0.00062	77.78	-7.07	0.00049
84.85	-14.14	0.00040	91.92	-21.21	0.00033
98.99	-28.28	0.00028	106.07	-35.36	0.00024
-28.28	113.14	0.00121	-21.21	106.07	0.00144
-14.14	98.99	0.00172	-7.07	91.92	0.00205
0.00	84.85	0.00243	7.07	77.78	0.00286
14.14	70.71	0.00334	21.21	63.64	0.00381
24.75	60.10	0.00397	28.28	56.57	0.00402
30.41	54.45	0.00398	31.82	53.03	0.00392
33.23	51.62	0.00384	34.65	50.20	0.00375
36.06	48.79	0.00364	48.79	36.06	0.00213
50.20	34.65	0.00197	51.62	33.23	0.00182
53.03	31.82	0.00169	54.45	30.41	0.00157
56.57	28.28	0.00141	60.10	24.75	0.00119
63.64	21.21	0.00101	70.71	14.14	0.00076
77.78	7.07	0.00059	84.85	0.00	0.00047
91.92	-7.07	0.00038	98.99	-14.14	0.00031
106.07	-21.21	0.00026	113.14	-28.28	0.00022

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00125	-14.14	113.14	0.00147	
-7.07	106.07	0.00172	0.00	98.99	0.00200	
7.07	91.92	0.00232	14.14	84.85	0.00264	
21.21	77.78	0.00292	28.28	70.71	0.00303	
31.82	67.18	0.00299	35.36	63.64	0.00289	
37.48	61.52	0.00282	38.89	60.10	0.00277	
40.31	58.69	0.00272	41.72	57.28	0.00267	
43.13	55.86	0.00261	55.86	43.13	0.00173	
57.28	41.72	0.00162	58.69	40.31	0.00153	
60.10	38.89	0.00144	61.52	37.48	0.00136	
63.64	35.36	0.00124	67.18	31.82	0.00107	
70.71	28.28	0.00093	77.78	21.21	0.00071	
84.85	14.14	0.00056	91.92	7.07	0.00045	
98.99	0.00	0.00037	106.07	-7.07	0.00030	
113.14	-14.14	0.00025	120.21	-21.21	0.00021	
-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	0.00228	
28.28	84.85	0.00236	35.36	77.78	0.00230	
38.89	74.25	0.00223	42.43	70.71	0.00216	
44.55	68.59	0.00212	45.96	67.18	0.00209	
47.38	65.76	0.00206	48.79	64.35	0.00203	
50.20	62.93	0.00199	62.93	50.20	0.00140	
64.35	48.79	0.00134	65.76	47.38	0.00127	
67.18	45.96	0.00121	68.59	44.55	0.00115	
70.71	42.43	0.00107	74.25	38.89	0.00094	
77.78	35.36	0.00084	84.85	28.28	0.00066	
91.92	21.21	0.00053	98.99	14.14	0.00043	
106.07	7.07	0.00035	113.14	0.00	0.00029	
120.21	-7.07	0.00024	127.28	-14.14	0.00021	
-7.07	134.35	0.00124	0.00	127.28	0.00140	
7.07	120.21	0.00156	14.14	113.14	0.00171	
21.21	106.07	0.00183	28.28	98.99	0.00188	
35.36	91.92	0.00186	42.43	84.85	0.00178	
45.96	81.32	0.00174	49.50	77.78	0.00169	
51.62	75.66	0.00167	53.03	74.25	0.00165	
54.45	72.83	0.00162	55.86	71.42	0.00160	
57.28	70.00	0.00157	70.00	57.28	0.00115	
71.42	55.86	0.00111	72.83	54.45	0.00106	

74.25 53.03 0.00102 75.66 51.62 0.00098

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00092	81.32	45.96	0.00082
84.85	42.43	0.00074	91.92	35.36	0.00060
98.99	28.28	0.00049	106.07	21.21	0.00041
113.14	14.14	0.00034	120.21	7.07	0.00028
127.28	0.00	0.00024	134.35	-7.07	0.00020
0.00	141.42	0.00118	7.07	134.35	0.00130
14.14	127.28	0.00141	21.21	120.21	0.00149
28.28	113.14	0.00153	35.36	106.07	0.00153
42.43	98.99	0.00148	49.50	91.92	0.00142
53.03	88.39	0.00139	56.57	84.85	0.00137
58.69	82.73	0.00135	60.10	81.32	0.00133
61.52	79.90	0.00131	62.93	78.49	0.00129
64.35	77.07	0.00127	77.07	64.35	0.00096
78.49	62.93	0.00093	79.90	61.52	0.00090
81.32	60.10	0.00087	82.73	58.69	0.00084
84.85	56.57	0.00079	88.39	53.03	0.00072
91.92	49.50	0.00065	98.99	42.43	0.00054
106.07	35.36	0.00046	113.14	28.28	0.00038
120.21	21.21	0.00032	127.28	14.14	0.00027
134.35	7.07	0.00023	141.42	0.00	0.00020
7.07	148.49	0.00110	14.14	141.42	0.00118
21.21	134.35	0.00124	28.28	127.28	0.00127
35.36	120.21	0.00127	42.43	113.14	0.00125
49.50	106.07	0.00121	56.57	98.99	0.00117
60.10	95.46	0.00115	63.64	91.92	0.00113
65.76	89.80	0.00111	67.18	88.39	0.00110
68.59	86.97	0.00108	70.00	85.56	0.00106
71.42	84.15	0.00104	84.15	71.42	0.00081
85.56	70.00	0.00079	86.97	68.59	0.00077
88.39	67.18	0.00074	89.80	65.76	0.00072
91.92	63.64	0.00068	95.46	60.10	0.00063
98.99	56.57	0.00058	106.07	49.50	0.00049
113.14	42.43	0.00042	120.21	35.36	0.00036

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	28.28	0.00031	134.35	21.21	0.00026
141.42	14.14	0.00023	148.49	7.07	0.00019
14.14	155.56	0.00100	21.21	148.49	0.00105
28.28	141.42	0.00107	35.36	134.35	0.00108
42.43	127.28	0.00106	49.50	120.21	0.00103
56.57	113.14	0.00100	63.64	106.07	0.00098
67.18	102.53	0.00096	70.71	98.99	0.00095

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

18:03:23

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00093	74.25	95.46	0.00092
75.66	94.05	0.00091	77.07	92.63	0.00089
78.49	91.22	0.00087	91.22	78.49	0.00070
92.63	77.07	0.00068	94.05	75.66	0.00066
95.46	74.25	0.00064	96.87	72.83	0.00062
98.99	70.71	0.00060	102.53	67.18	0.00055
106.07	63.64	0.00051	113.14	56.57	0.00044
120.21	49.50	0.00038	127.28	42.43	0.00033
134.35	35.36	0.00029	141.42	28.28	0.00025
148.49	21.21	0.00022	155.56	14.14	0.00019
21.21	162.63	0.00090	28.28	155.56	0.00092
35.36	148.49	0.00092	42.43	141.42	0.00091
49.50	134.35	0.00089	56.57	127.28	0.00087
63.64	120.21	0.00085	70.71	113.14	0.00083
74.25	109.60	0.00082	77.78	106.07	0.00080
79.90	103.94	0.00079	81.32	102.53	0.00078
82.73	101.12	0.00077	84.15	99.70	0.00076
85.56	98.29	0.00074	98.29	85.56	0.00060
99.70	84.15	0.00059	101.12	82.73	0.00057
102.53	81.32	0.00056	103.94	79.90	0.00055
106.07	77.78	0.00052	109.60	74.25	0.00049
113.14	70.71	0.00046	120.21	63.64	0.00039
127.28	56.57	0.00034	134.35	49.50	0.00030
141.42	42.43	0.00027	148.49	35.36	0.00024
155.56	28.28	0.00021	162.63	21.21	0.00018
28.28	169.71	0.00079	35.36	162.63	0.00080
42.43	155.56	0.00080	49.50	148.49	0.00078



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	141.42	0.00076	63.64	134.35	0.00075
70.71	127.28	0.00073	77.78	120.21	0.00072
81.32	116.67	0.00071	84.85	113.14	0.00069
86.97	111.02	0.00068	88.39	109.60	0.00067
89.80	108.19	0.00066	91.22	106.77	0.00065
92.63	105.36	0.00064	105.36	92.63	0.00053
106.77	91.22	0.00051	108.19	89.80	0.00050
109.60	88.39	0.00049	111.02	86.97	0.00048
113.14	84.85	0.00046	116.67	81.32	0.00044
120.21	77.78	0.00041	127.28	70.71	0.00036
134.35	63.64	0.00031	141.42	56.57	0.00028
148.49	49.50	0.00025	155.56	42.43	0.00022
162.63	35.36	0.00020	169.71	28.28	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 NE/SW 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
35.36	176.78	0.00070	42.43	169.71	0.00070
49.50	162.63	0.00069	56.57	155.56	0.00067
63.64	148.49	0.00066	70.71	141.42	0.00065
77.78	134.35	0.00064	84.85	127.28	0.00062
88.39	123.74	0.00061	91.92	120.21	0.00060
94.05	118.09	0.00059	95.46	116.67	0.00058
96.87	115.26	0.00057	98.29	113.84	0.00057
99.70	112.43	0.00056	112.43	99.70	0.00046
113.84	98.29	0.00045	115.26	96.87	0.00044
116.67	95.46	0.00044	118.09	94.05	0.00043
120.21	91.92	0.00041	123.74	88.39	0.00039
127.28	84.85	0.00037	134.35	77.78	0.00033
141.42	70.71	0.00029	148.49	63.64	0.00025
155.56	56.57	0.00023	162.63	49.50	0.00021
169.71	42.43	0.00019	176.78	35.36	0.00017
42.43	183.85	0.00062	49.50	176.78	0.00061
56.57	169.71	0.00060	63.64	162.63	0.00059
70.71	155.56	0.00058	77.78	148.49	0.00057
84.85	141.42	0.00056	91.92	134.35	0.00055
95.46	130.81	0.00054	98.99	127.28	0.00053
101.12	125.16	0.00052	102.53	123.74	0.00051

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

103.94	122.33	0.00050	105.36	120.92	0.00050
106.77	119.50	0.00049	119.50	106.77	0.00041
120.92	105.36	0.00040	122.33	103.94	0.00040
123.74	102.53	0.00039	125.16	101.12	0.00038
127.28	98.99	0.00037	130.81	95.46	0.00035
134.35	91.92	0.00033	141.42	84.85	0.00030
148.49	77.78	0.00026	155.56	70.71	0.00023
162.63	63.64	0.00021	169.71	56.57	0.00019
176.78	49.50	0.00018	183.85	42.43	0.00016
49.50	190.92	0.00055	56.57	183.85	0.00054
63.64	176.78	0.00053	70.71	169.71	0.00052
77.78	162.63	0.00051	84.85	155.56	0.00050
91.92	148.49	0.00049	98.99	141.42	0.00048
102.53	137.89	0.00048	106.07	134.35	0.00046
108.19	132.23	0.00046	109.60	130.81	0.00045
111.02	129.40	0.00044	112.43	127.99	0.00044
113.84	126.57	0.00043	126.57	113.84	0.00037
127.99	112.43	0.00036	129.40	111.02	0.00035
130.81	109.60	0.00035	132.23	108.19	0.00034

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00033	137.89	102.53	0.00032
141.42	98.99	0.00030	148.49	91.92	0.00027
155.56	84.85	0.00024	162.63	77.78	0.00022
169.71	70.71	0.00020	176.78	63.64	0.00018
183.85	56.57	0.00016	190.92	49.50	0.00015
56.57	197.99	0.00048	63.64	190.92	0.00048
70.71	183.85	0.00047	77.78	176.78	0.00046
84.85	169.71	0.00045	91.92	162.63	0.00045
98.99	155.56	0.00044	106.07	148.49	0.00043
109.60	144.96	0.00042	113.14	141.42	0.00041
115.26	139.30	0.00041	116.67	137.89	0.00040
118.09	136.47	0.00040	119.50	135.06	0.00039
120.92	133.64	0.00038	133.64	120.92	0.00033
135.06	119.50	0.00033	136.47	118.09	0.00032
137.89	116.67	0.00031	139.30	115.26	0.00031

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

141.42	113.14	0.00030	144.96	109.60	0.00029
148.49	106.07	0.00028	155.56	98.99	0.00025
162.63	91.92	0.00023	169.71	84.85	0.00020
176.78	77.78	0.00018	183.85	70.71	0.00017
190.92	63.64	0.00015	197.99	56.57	0.00014
63.64	205.06	0.00043	70.71	197.99	0.00042
77.78	190.92	0.00042	84.85	183.85	0.00041
91.92	176.78	0.00041	98.99	169.71	0.00040
106.07	162.63	0.00040	113.14	155.56	0.00039
116.67	152.03	0.00038	120.21	148.49	0.00037
122.33	146.37	0.00036	123.74	144.96	0.00036
125.16	143.54	0.00035	126.57	142.13	0.00035
127.99	140.71	0.00035	140.71	127.99	0.00030
142.13	126.57	0.00029	143.54	125.16	0.00029
144.96	123.74	0.00028	146.37	122.33	0.00028
148.49	120.21	0.00027	152.03	116.67	0.00026
155.56	113.14	0.00025	162.63	106.07	0.00023
169.71	98.99	0.00021	176.78	91.92	0.00019
183.85	84.85	0.00017	190.92	77.78	0.00016
197.99	70.71	0.00014	205.06	63.64	0.00013
70.71	212.13	0.00039	77.78	205.06	0.00038
84.85	197.99	0.00038	91.92	190.92	0.00037
98.99	183.85	0.00037	106.07	176.78	0.00036
113.14	169.71	0.00036	120.21	162.63	0.00035
123.74	159.10	0.00034	127.28	155.56	0.00033

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00033	130.81	152.03	0.00032
132.23	150.61	0.00032	133.64	149.20	0.00032
135.06	147.79	0.00031	147.79	135.06	0.00027
149.20	133.64	0.00027	150.61	132.23	0.00026
152.03	130.81	0.00026	153.44	129.40	0.00026
155.56	127.28	0.00025	159.10	123.74	0.00024
162.63	120.21	0.00023	169.71	113.14	0.00021
176.78	106.07	0.00019	183.85	98.99	0.00018
190.92	91.92	0.00016	197.99	84.85	0.00015

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00017	194.45	159.10	0.00016
197.99	155.56	0.00016	205.06	148.49	0.00015
212.13	141.42	0.00014	219.20	134.35	0.00013
226.27	127.28	0.00012	233.35	120.21	0.00011
240.42	113.14	0.00010	247.49	106.07	0.00010

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00047	-240.42	-113.14	0.00053
-233.35	-120.21	0.00058	-226.27	-127.28	0.00064
-219.20	-134.35	0.00069	-212.13	-141.42	0.00074
-205.06	-148.49	0.00079	-197.99	-155.56	0.00083
-194.45	-159.10	0.00086	-190.92	-162.63	0.00088
-188.80	-164.76	0.00089	-187.38	-166.17	0.00089
-185.97	-167.58	0.00090	-184.55	-169.00	0.00091
-183.14	-170.41	0.00091	-170.41	-183.14	0.00090
-169.00	-184.55	0.00089	-167.58	-185.97	0.00088
-166.17	-187.38	0.00087	-164.76	-188.80	0.00086
-162.63	-190.92	0.00084	-159.10	-194.45	0.00082
-155.56	-197.99	0.00080	-148.49	-205.06	0.00076
-141.42	-212.13	0.00073	-134.35	-219.20	0.00070
-127.28	-226.27	0.00067	-120.21	-233.35	0.00063
-113.14	-240.42	0.00059	-106.07	-247.49	0.00054
-240.42	-98.99	0.00049	-233.35	-106.07	0.00055
-226.27	-113.14	0.00062	-219.20	-120.21	0.00069
-212.13	-127.28	0.00075	-205.06	-134.35	0.00082
-197.99	-141.42	0.00088	-190.92	-148.49	0.00093
-187.38	-152.03	0.00095	-183.85	-155.56	0.00098
-181.73	-157.68	0.00099	-180.31	-159.10	0.00100
-178.90	-160.51	0.00101	-177.48	-161.93	0.00102
-176.07	-163.34	0.00102	-163.34	-176.07	0.00101
-161.93	-177.48	0.00100	-160.51	-178.90	0.00098
-159.10	-180.31	0.00097	-157.68	-181.73	0.00096
-155.56	-183.85	0.00094	-152.03	-187.38	0.00091

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-190.92	0.00089	-141.42	-197.99	0.00085
-134.35	-205.06	0.00081	-127.28	-212.13	0.00077
-120.21	-219.20	0.00073	-113.14	-226.27	0.00068
-106.07	-233.35	0.00063	-98.99	-240.42	0.00057
-233.35	-91.92	0.00051	-226.27	-99.00	0.00058
-219.20	-106.07	0.00065	-212.13	-113.14	0.00074
-205.06	-120.21	0.00082	-197.99	-127.28	0.00090
-190.92	-134.35	0.00097	-183.85	-141.42	0.00104
-180.31	-144.96	0.00107	-176.78	-148.49	0.00110
-174.66	-150.61	0.00112	-173.24	-152.03	0.00113
-171.83	-153.44	0.00114	-170.41	-154.86	0.00115
-169.00	-156.27	0.00115	-156.27	-169.00	0.00113
-154.86	-170.41	0.00112	-153.44	-171.83	0.00111
-152.03	-173.24	0.00109	-150.61	-174.66	0.00108

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00106	-144.96	-180.31	0.00102
-141.42	-183.85	0.00099	-134.35	-190.92	0.00095
-127.28	-197.99	0.00090	-120.21	-205.06	0.00085
-113.14	-212.13	0.00080	-106.07	-219.20	0.00073
-98.99	-226.27	0.00067	-91.92	-233.35	0.00060
-226.27	-84.85	0.00052	-219.20	-91.92	0.00060
-212.13	-99.00	0.00069	-205.06	-106.07	0.00078
-197.99	-113.14	0.00089	-190.92	-120.21	0.00099
-183.85	-127.28	0.00108	-176.78	-134.35	0.00117
-173.24	-137.89	0.00120	-169.71	-141.42	0.00124
-167.58	-143.54	0.00126	-166.17	-144.96	0.00128
-164.76	-146.37	0.00129	-163.34	-147.79	0.00130
-161.93	-149.20	0.00131	-149.20	-161.93	0.00129
-147.79	-163.34	0.00127	-146.37	-164.76	0.00125
-144.96	-166.17	0.00124	-143.54	-167.58	0.00122
-141.42	-169.71	0.00119	-137.89	-173.24	0.00115
-134.35	-176.78	0.00112	-127.28	-183.85	0.00107
-120.21	-190.92	0.00101	-113.14	-197.99	0.00094
-106.07	-205.06	0.00087	-98.99	-212.13	0.00079
-91.92	-219.20	0.00070	-84.85	-226.27	0.00063

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-219.20	-77.78	0.00054	-212.13	-84.85	0.00062
-205.06	-91.92	0.00072	-197.99	-99.00	0.00083
-190.92	-106.07	0.00095	-183.85	-113.14	0.00108
-176.78	-120.21	0.00120	-169.71	-127.28	0.00132
-166.17	-130.81	0.00137	-162.63	-134.35	0.00141
-160.51	-136.47	0.00144	-159.10	-137.89	0.00146
-157.68	-139.30	0.00148	-156.27	-140.71	0.00149
-154.86	-142.13	0.00151	-142.13	-154.86	0.00147
-140.71	-156.27	0.00145	-139.30	-157.68	0.00143
-137.89	-159.10	0.00141	-136.47	-160.51	0.00139
-134.35	-162.63	0.00136	-130.81	-166.17	0.00131
-127.28	-169.71	0.00128	-120.21	-176.78	0.00121
-113.14	-183.85	0.00113	-106.07	-190.92	0.00104
-98.99	-197.99	0.00094	-91.92	-205.06	0.00084
-84.85	-212.13	0.00074	-77.78	-219.20	0.00065
-212.13	-70.71	0.00055	-205.06	-77.78	0.00064
-197.99	-84.85	0.00074	-190.92	-91.92	0.00087
-183.85	-98.99	0.00102	-176.78	-106.07	0.00118
-169.71	-113.14	0.00134	-162.63	-120.21	0.00149
-159.10	-123.74	0.00156	-155.56	-127.28	0.00162

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

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

18:03:23

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00165	-152.03	-130.81	0.00168
-150.61	-132.23	0.00170	-149.20	-133.64	0.00172
-147.79	-135.06	0.00174	-135.06	-147.79	0.00170
-133.64	-149.20	0.00167	-132.23	-150.61	0.00164
-130.81	-152.03	0.00162	-129.40	-153.44	0.00159
-127.28	-155.56	0.00156	-123.74	-159.10	0.00151
-120.21	-162.63	0.00146	-113.14	-169.71	0.00137
-106.07	-176.78	0.00126	-98.99	-183.85	0.00114
-91.92	-190.92	0.00101	-84.85	-197.99	0.00088
-77.78	-205.06	0.00076	-70.71	-212.13	0.00066
-205.06	-63.64	0.00055	-197.99	-70.71	0.00065
-190.92	-77.78	0.00077	-183.85	-84.85	0.00091
-176.78	-91.92	0.00108	-169.71	-98.99	0.00128
-162.63	-106.07	0.00149	-155.56	-113.14	0.00169



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-152.03	-116.67	0.00178	-148.49	-120.21	0.00187
-146.37	-122.33	0.00191	-144.96	-123.74	0.00194
-143.54	-125.16	0.00197	-142.13	-126.57	0.00200
-140.71	-127.99	0.00203	-127.99	-140.71	0.00197
-126.57	-142.13	0.00194	-125.16	-143.54	0.00190
-123.74	-144.96	0.00187	-122.33	-146.37	0.00184
-120.21	-148.49	0.00180	-116.67	-152.03	0.00174
-113.14	-155.56	0.00169	-106.07	-162.63	0.00156
-98.99	-169.71	0.00140	-91.92	-176.78	0.00123
-84.85	-183.85	0.00107	-77.78	-190.92	0.00091
-70.71	-197.99	0.00078	-63.64	-205.06	0.00067
-197.99	-56.57	0.00056	-190.92	-63.64	0.00066
-183.85	-70.71	0.00078	-176.78	-77.78	0.00094
-169.71	-84.85	0.00113	-162.63	-91.92	0.00136
-155.56	-98.99	0.00163	-148.49	-106.07	0.00191
-144.96	-109.60	0.00204	-141.42	-113.14	0.00216
-139.30	-115.26	0.00222	-137.89	-116.67	0.00226
-136.47	-118.09	0.00230	-135.06	-119.50	0.00234
-133.64	-120.92	0.00238	-120.92	-133.64	0.00231
-119.50	-135.06	0.00227	-118.09	-136.47	0.00222
-116.67	-137.89	0.00219	-115.26	-139.30	0.00215
-113.14	-141.42	0.00211	-109.60	-144.96	0.00203
-106.07	-148.49	0.00195	-98.99	-155.56	0.00176
-91.92	-162.63	0.00154	-84.85	-169.71	0.00132
-77.78	-176.78	0.00111	-70.71	-183.85	0.00094
-63.64	-190.92	0.00079	-56.57	-197.99	0.00067

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

04/20/08

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

18:03:23

\*\*MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00055	-183.85	-56.57	0.00066
-176.78	-63.64	0.00079	-169.71	-70.71	0.00096
-162.63	-77.78	0.00117	-155.56	-84.85	0.00143
-148.49	-91.92	0.00175	-141.42	-98.99	0.00213
-137.89	-102.53	0.00232	-134.35	-106.07	0.00249
-132.23	-108.19	0.00259	-130.81	-109.60	0.00264
-129.40	-111.02	0.00270	-127.99	-112.43	0.00275
-126.57	-113.84	0.00281	-113.84	-126.57	0.00273

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-112.43	-127.99	0.00267	-111.02	-129.40	0.00262
-109.60	-130.81	0.00258	-108.19	-132.23	0.00254
-106.07	-134.35	0.00248	-102.53	-137.89	0.00237
-98.99	-141.42	0.00225	-91.92	-148.49	0.00196
-84.85	-155.56	0.00165	-77.78	-162.63	0.00138
-70.71	-169.71	0.00114	-63.64	-176.78	0.00095
-56.57	-183.85	0.00079	-49.50	-190.92	0.00066
-183.85	-42.43	0.00054	-176.78	-49.50	0.00065
-169.71	-56.57	0.00079	-162.63	-63.64	0.00096
-155.56	-70.71	0.00119	-148.49	-77.78	0.00149
-141.42	-84.85	0.00186	-134.35	-91.92	0.00231
-130.81	-95.46	0.00257	-127.28	-98.99	0.00284
-125.16	-101.12	0.00299	-123.74	-102.53	0.00308
-122.33	-103.94	0.00316	-120.92	-105.36	0.00324
-119.50	-106.77	0.00332	-106.77	-119.50	0.00324
-105.36	-120.92	0.00318	-103.94	-122.33	0.00312
-102.53	-123.74	0.00307	-101.12	-125.16	0.00301
-98.99	-127.28	0.00292	-95.46	-130.81	0.00274
-91.92	-134.35	0.00254	-84.85	-141.42	0.00212
-77.78	-148.49	0.00174	-70.71	-155.56	0.00142
-63.64	-162.63	0.00115	-56.57	-169.71	0.00095
-49.50	-176.78	0.00078	-42.43	-183.85	0.00065
-176.78	-35.36	0.00054	-169.71	-42.43	0.00064
-162.63	-49.50	0.00077	-155.56	-56.57	0.00095
-148.49	-63.64	0.00119	-141.42	-70.71	0.00150
-134.35	-77.78	0.00191	-127.28	-84.85	0.00244
-123.74	-88.39	0.00277	-120.21	-91.92	0.00312
-118.09	-94.05	0.00335	-116.67	-95.46	0.00351
-115.26	-96.87	0.00366	-113.84	-98.29	0.00380
-112.43	-99.70	0.00393	-99.70	-112.43	0.00392
-98.29	-113.84	0.00383	-96.87	-115.26	0.00373
-95.46	-116.67	0.00363	-94.05	-118.09	0.00352

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

18:03:23  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00335	-88.39	-123.74	0.00305
-84.85	-127.28	0.00275	-77.78	-134.35	0.00222

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	-141.42	0.00178	-63.64	-148.49	0.00142
-56.57	-155.56	0.00114	-49.50	-162.63	0.00093
-42.43	-169.71	0.00076	-35.36	-176.78	0.00062
-169.71	-28.28	0.00053	-162.63	-35.36	0.00063
-155.56	-42.43	0.00076	-148.49	-49.50	0.00094
-141.42	-56.57	0.00117	-134.35	-63.64	0.00149
-127.28	-70.71	0.00192	-120.21	-77.78	0.00249
-116.67	-81.32	0.00285	-113.14	-84.85	0.00327
-111.02	-86.97	0.00356	-109.60	-88.39	0.00377
-108.19	-89.80	0.00400	-106.77	-91.22	0.00427
-105.36	-92.63	0.00456	-92.63	-105.36	0.00472
-91.22	-106.77	0.00449	-89.80	-108.19	0.00426
-88.39	-109.60	0.00406	-86.97	-111.02	0.00388
-84.85	-113.14	0.00361	-81.32	-116.67	0.00321
-77.78	-120.21	0.00285	-70.71	-127.28	0.00224
-63.64	-134.35	0.00176	-56.57	-141.42	0.00139
-49.50	-148.49	0.00110	-42.43	-155.56	0.00089
-35.36	-162.63	0.00072	-28.28	-169.71	0.00059
-162.63	-21.21	0.00053	-155.56	-28.28	0.00063
-148.49	-35.36	0.00076	-141.42	-42.43	0.00093
-134.35	-49.50	0.00117	-127.28	-56.57	0.00149
-120.21	-63.64	0.00194	-113.14	-70.71	0.00255
-109.60	-74.25	0.00294	-106.07	-77.78	0.00343
-103.94	-79.90	0.00378	-102.53	-81.32	0.00404
-101.12	-82.73	0.00436	-99.70	-84.15	0.00477
-98.29	-85.56	0.00532	-85.56	-98.29	0.00501
-84.15	-99.70	0.00468	-82.73	-101.12	0.00440
-81.32	-102.53	0.00417	-79.90	-103.94	0.00395
-77.78	-106.07	0.00365	-74.25	-109.60	0.00322
-70.71	-113.14	0.00283	-63.64	-120.21	0.00219
-56.57	-127.28	0.00170	-49.50	-134.35	0.00132
-42.43	-141.42	0.00104	-35.36	-148.49	0.00083
-28.28	-155.56	0.00067	-21.21	-162.63	0.00055
-155.56	-14.14	0.00053	-148.49	-21.21	0.00064
-141.42	-28.28	0.00077	-134.35	-35.36	0.00095
-127.28	-42.43	0.00120	-120.21	-49.50	0.00155
-113.14	-56.57	0.00207	-106.07	-63.64	0.00287
-102.53	-67.18	0.00346	-98.99	-70.71	0.00426

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

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

18:03:23  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00486	-95.46	-74.25	0.00532	
-94.05	-75.66	0.00583	-92.63	-77.07	0.00640	
-91.22	-78.49	0.00705	-78.49	-91.22	0.00522	
-77.07	-92.63	0.00480	-75.66	-94.05	0.00446	
-74.25	-95.46	0.00418	-72.83	-96.87	0.00394	
-70.71	-98.99	0.00361	-67.18	-102.53	0.00314	
-63.64	-106.07	0.00273	-56.57	-113.14	0.00208	
-49.50	-120.21	0.00159	-42.43	-127.28	0.00123	
-35.36	-134.35	0.00096	-28.28	-141.42	0.00077	
-21.21	-148.49	0.00062	-14.14	-155.56	0.00051	
-148.49	-7.07	0.00055	-141.42	-14.14	0.00066	
-134.35	-21.21	0.00081	-127.28	-28.28	0.00101	
-120.21	-35.36	0.00129	-113.14	-42.43	0.00171	
-106.07	-49.50	0.00239	-98.99	-56.57	0.00350	
-95.46	-60.10	0.00427	-91.92	-63.64	0.00519	
-89.80	-65.76	0.00582	-88.39	-67.18	0.00626	
-86.97	-68.59	0.00674	-85.56	-70.00	0.00725	
-84.15	-71.42	0.00785	-71.42	-84.15	0.00538	
-70.00	-85.56	0.00491	-68.59	-86.97	0.00453	
-67.18	-88.39	0.00421	-65.76	-89.80	0.00393	
-63.64	-91.92	0.00355	-60.10	-95.46	0.00303	
-56.57	-98.99	0.00260	-49.50	-106.07	0.00193	
-42.43	-113.14	0.00145	-35.36	-120.21	0.00111	
-28.28	-127.28	0.00087	-21.21	-134.35	0.00069	
-14.14	-141.42	0.00057	-7.07	-148.49	0.00047	
-141.42	0.00	0.00059	-134.35	-7.07	0.00071	
-127.28	-14.14	0.00088	-120.21	-21.21	0.00112	
-113.14	-28.28	0.00146	-106.07	-35.36	0.00199	
-98.99	-42.43	0.00281	-91.92	-49.50	0.00403	
-88.39	-53.03	0.00480	-84.85	-56.57	0.00567	
-82.73	-58.69	0.00625	-81.32	-60.10	0.00666	
-79.90	-61.52	0.00710	-78.49	-62.93	0.00759	
-77.07	-64.35	0.00816	-64.35	-77.07	0.00539	
-62.93	-78.49	0.00489	-61.52	-79.90	0.00449	
-60.10	-81.32	0.00414	-58.69	-82.73	0.00384	
-56.57	-84.85	0.00345	-53.03	-88.39	0.00289	
-49.50	-91.92	0.00243	-42.43	-98.99	0.00175	
-35.36	-106.07	0.00130	-28.28	-113.14	0.00099	
-21.21	-120.21	0.00077	-14.14	-127.28	0.00062	
-7.07	-134.35	0.00051	0.00	-141.42	0.00043	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

18:03:23

\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00064	-127.28	0.00	0.00079
-120.21	-7.07	0.00099	-113.14	-14.14	0.00128
-106.07	-21.21	0.00169	-98.99	-28.28	0.00230
-91.92	-35.36	0.00315	-84.85	-42.43	0.00430
-81.32	-45.96	0.00501	-77.78	-49.50	0.00581
-75.66	-51.62	0.00635	-74.25	-53.03	0.00674
-72.83	-54.45	0.00717	-71.42	-55.86	0.00764
-70.00	-57.28	0.00818	-57.28	-70.00	0.00525
-55.86	-71.42	0.00474	-54.45	-72.83	0.00432
-53.03	-74.25	0.00396	-51.62	-75.66	0.00365
-49.50	-77.78	0.00324	-45.96	-81.32	0.00267
-42.43	-84.85	0.00221	-35.36	-91.92	0.00155
-28.28	-98.99	0.00114	-21.21	-106.07	0.00087
-14.14	-113.14	0.00068	-7.07	-120.21	0.00055
0.00	-127.28	0.00046	7.07	-134.35	0.00038
-127.28	14.14	0.00072	-120.21	7.07	0.00090
-113.14	0.00	0.00113	-106.07	-7.07	0.00146
-98.99	-14.14	0.00193	-91.92	-21.21	0.00255
-84.85	-28.28	0.00336	-77.78	-35.36	0.00439
-74.25	-38.89	0.00501	-70.71	-42.43	0.00574
-68.59	-44.55	0.00625	-67.18	-45.96	0.00662
-65.76	-47.38	0.00702	-64.35	-48.79	0.00746
-62.93	-50.20	0.00798	-50.20	-62.93	0.00495
-48.79	-64.35	0.00443	-47.38	-65.76	0.00401
-45.96	-67.18	0.00365	-44.55	-68.59	0.00333
-42.43	-70.71	0.00291	-38.89	-74.25	0.00236
-35.36	-77.78	0.00193	-28.28	-84.85	0.00134
-21.21	-91.92	0.00099	-14.14	-98.99	0.00076
-7.07	-106.07	0.00060	0.00	-113.14	0.00049
7.07	-120.21	0.00041	14.14	-127.28	0.00034
-120.21	21.21	0.00083	-113.14	14.14	0.00103
-106.07	7.07	0.00130	-98.99	0.00	0.00166
-91.92	-7.07	0.00213	-84.85	-14.14	0.00273
-77.78	-21.21	0.00347	-70.71	-28.28	0.00439

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18	-31.82	0.00492	-63.64	-35.36	0.00556
-61.52	-37.48	0.00600	-60.10	-38.89	0.00633
-58.69	-40.31	0.00669	-57.28	-41.72	0.00710
-55.86	-43.13	0.00759	-43.13	-55.86	0.00449
-41.72	-57.28	0.00396	-40.31	-58.69	0.00354
-38.89	-60.10	0.00319	-37.48	-61.52	0.00288

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

18:03:23  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00248	-31.82	-67.18	0.00198
-28.28	-70.71	0.00162	-21.21	-77.78	0.00115
-14.14	-84.85	0.00086	-7.07	-91.92	0.00067
0.00	-98.99	0.00053	7.07	-106.07	0.00043
14.14	-113.14	0.00036	21.21	-120.21	0.00030
-113.14	28.28	0.00094	-106.07	21.21	0.00116
-98.99	14.14	0.00145	-91.92	7.07	0.00182
-84.85	0.00	0.00229	-77.78	-7.07	0.00285
-70.71	-14.14	0.00353	-63.64	-21.21	0.00434
-60.10	-24.75	0.00481	-56.57	-28.28	0.00535
-54.45	-30.41	0.00570	-53.03	-31.82	0.00596
-51.62	-33.23	0.00626	-50.20	-34.65	0.00660
-48.79	-36.06	0.00702	-36.06	-48.79	0.00381
-34.65	-50.20	0.00331	-33.23	-51.62	0.00291
-31.82	-53.03	0.00260	-30.41	-54.45	0.00234
-28.28	-56.57	0.00202	-24.75	-60.10	0.00164
-21.21	-63.64	0.00136	-14.14	-70.71	0.00099
-7.07	-77.78	0.00075	0.00	-84.85	0.00059
7.07	-91.92	0.00047	14.14	-98.99	0.00039
21.21	-106.07	0.00032	28.28	-113.14	0.00027
-106.07	35.36	0.00105	-98.99	28.28	0.00128
-91.92	21.21	0.00158	-84.85	14.14	0.00195
-77.78	7.07	0.00240	-70.71	0.00	0.00294
-63.64	-7.07	0.00357	-56.57	-14.14	0.00432
-53.03	-17.68	0.00474	-49.50	-21.21	0.00519
-47.38	-23.33	0.00548	-45.96	-24.75	0.00568
-44.55	-26.16	0.00589	-43.13	-27.58	0.00613
-41.72	-28.99	0.00640	-28.99	-41.72	0.00295

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-27.58	-43.13	0.00259	-26.16	-44.55	0.00231
-24.75	-45.96	0.00209	-23.33	-47.38	0.00191
-21.21	-49.50	0.00168	-17.68	-53.03	0.00139
-14.14	-56.57	0.00117	-7.07	-63.64	0.00087
0.00	-70.71	0.00067	7.07	-77.78	0.00053
14.14	-84.85	0.00043	21.21	-91.92	0.00035
28.28	-98.99	0.00030	35.36	-106.07	0.00025
-98.99	42.43	0.00114	-91.92	35.36	0.00138
-84.85	28.28	0.00167	-77.78	21.21	0.00203
-70.71	14.14	0.00245	-63.64	7.07	0.00295
-56.57	0.00	0.00354	-49.50	-7.07	0.00422
-45.96	-10.61	0.00459	-42.43	-14.14	0.00498

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

18:03:23  
 \*\*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	0.00520	-38.89	-17.68	0.00533
-37.48	-19.09	0.00545	-36.06	-20.51	0.00554
-34.65	-21.92	0.00555	-21.92	-34.65	0.00252
-20.51	-36.06	0.00227	-19.09	-37.48	0.00206
-17.68	-38.89	0.00188	-16.26	-40.31	0.00172
-14.14	-42.43	0.00153	-10.61	-45.96	0.00127
-7.07	-49.50	0.00107	0.00	-56.57	0.00080
7.07	-63.64	0.00062	14.14	-70.71	0.00049
21.21	-77.78	0.00040	28.28	-84.85	0.00033
35.36	-91.92	0.00028	42.43	-98.99	0.00024
-91.92	49.50	0.00121	-84.85	42.43	0.00144
-77.78	35.36	0.00172	-70.71	28.28	0.00205
-63.64	21.21	0.00243	-56.57	14.14	0.00286
-49.50	7.07	0.00334	-42.43	0.00	0.00381
-38.89	-3.54	0.00397	-35.36	-7.07	0.00402
-33.23	-9.19	0.00398	-31.82	-10.61	0.00392
-30.41	-12.02	0.00384	-28.99	-13.44	0.00375
-27.58	-14.85	0.00364	-14.85	-27.58	0.00213
-13.44	-28.99	0.00197	-12.02	-30.41	0.00182
-10.61	-31.82	0.00169	-9.19	-33.23	0.00157
-7.07	-35.36	0.00141	-3.54	-38.89	0.00119
0.00	-42.43	0.00101	7.07	-49.50	0.00076

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	-56.57	0.00059	21.21	-63.64	0.00047
28.28	-70.71	0.00038	35.36	-77.78	0.00031
42.43	-84.85	0.00026	49.50	-91.92	0.00022
-84.85	56.57	0.00125	-77.78	49.50	0.00147
-70.71	42.43	0.00172	-63.64	35.36	0.00200
-56.57	28.28	0.00232	-49.50	21.21	0.00264
-42.43	14.14	0.00292	-35.36	7.07	0.00303
-31.82	3.54	0.00299	-28.28	0.00	0.00289
-26.16	-2.12	0.00282	-24.75	-3.54	0.00277
-23.33	-4.95	0.00272	-21.92	-6.36	0.00267
-20.51	-7.78	0.00261	-7.78	-20.51	0.00173
-6.36	-21.92	0.00162	-4.95	-23.33	0.00153
-3.54	-24.75	0.00144	-2.12	-26.16	0.00136
0.00	-28.28	0.00124	3.54	-31.82	0.00107
7.07	-35.36	0.00093	14.14	-42.43	0.00071
21.21	-49.50	0.00056	28.28	-56.57	0.00045
35.36	-63.64	0.00037	42.43	-70.71	0.00030
49.50	-77.78	0.00025	56.57	-84.85	0.00021

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

18:03:23  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00126	-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	0.00228
-35.36	21.21	0.00236	-28.28	14.14	0.00230
-24.75	10.61	0.00223	-21.21	7.07	0.00216
-19.09	4.95	0.00212	-17.68	3.54	0.00209
-16.26	2.12	0.00206	-14.85	0.71	0.00203
-13.44	-0.71	0.00199	-0.71	-13.44	0.00140
0.71	-14.85	0.00134	2.12	-16.26	0.00127
3.54	-17.68	0.00121	4.95	-19.09	0.00115
7.07	-21.21	0.00107	10.61	-24.75	0.00094
14.14	-28.28	0.00084	21.21	-35.36	0.00066
28.28	-42.43	0.00053	35.36	-49.50	0.00043
42.43	-56.57	0.00035	49.50	-63.64	0.00029
56.57	-70.71	0.00024	63.64	-77.78	0.00021
-70.71	70.71	0.00124	-63.64	63.64	0.00140



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	56.57	0.00156	-49.50	49.50	0.00171
-42.43	42.43	0.00183	-35.36	35.36	0.00188
-28.28	28.28	0.00186	-21.21	21.21	0.00178
-17.68	17.68	0.00174	-14.14	14.14	0.00169
-12.02	12.02	0.00167	-10.61	10.61	0.00165
-9.19	9.19	0.00162	-7.78	7.78	0.00160
-6.36	6.36	0.00157	6.36	-6.36	0.00115
7.78	-7.78	0.00111	9.19	-9.19	0.00106
10.61	-10.61	0.00102	12.02	-12.02	0.00098
14.14	-14.14	0.00092	17.68	-17.68	0.00082
21.21	-21.21	0.00074	28.28	-28.28	0.00060
35.36	-35.36	0.00049	42.43	-42.43	0.00041
49.50	-49.50	0.00034	56.57	-56.57	0.00028
63.64	-63.64	0.00024	70.71	-70.71	0.00020
-63.64	77.78	0.00118	-56.57	70.71	0.00130
-49.50	63.64	0.00141	-42.43	56.57	0.00149
-35.36	49.50	0.00153	-28.28	42.43	0.00153
-21.21	35.36	0.00148	-14.14	28.28	0.00142
-10.61	24.75	0.00139	-7.07	21.21	0.00137
-4.95	19.09	0.00135	-3.54	17.68	0.00133
-2.12	16.26	0.00131	-0.71	14.85	0.00129
0.71	13.44	0.00127	13.44	0.71	0.00096
14.85	-0.71	0.00093	16.26	-2.12	0.00090
17.68	-3.54	0.00087	19.09	-4.95	0.00084

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

18:03:23  
 \*\*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
21.21	-7.07	0.00079	24.75	-10.61	0.00072
28.28	-14.14	0.00065	35.36	-21.21	0.00054
42.43	-28.28	0.00046	49.50	-35.36	0.00038
56.57	-42.43	0.00032	63.64	-49.50	0.00027
70.71	-56.57	0.00023	77.78	-63.64	0.00020
-56.57	84.85	0.00110	-49.50	77.78	0.00118
-42.43	70.71	0.00124	-35.36	63.64	0.00127
-28.28	56.57	0.00127	-21.21	49.50	0.00125
-14.14	42.43	0.00121	-7.07	35.36	0.00117
-3.54	31.82	0.00115	0.00	28.28	0.00113

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

2.12	26.16	0.00111	3.54	24.75	0.00110
4.95	23.33	0.00108	6.36	21.92	0.00106
7.78	20.51	0.00104	20.51	7.78	0.00081
21.92	6.36	0.00079	23.33	4.95	0.00077
24.75	3.54	0.00074	26.16	2.12	0.00072
28.28	0.00	0.00068	31.82	-3.54	0.00063
35.36	-7.07	0.00057	42.43	-14.14	0.00049
49.50	-21.21	0.00042	56.57	-28.28	0.00036
63.64	-35.36	0.00031	70.71	-42.43	0.00026
77.78	-49.50	0.00023	84.85	-56.57	0.00019
-49.50	91.92	0.00100	-42.43	84.85	0.00105
-35.36	77.78	0.00107	-28.28	70.71	0.00108
-21.21	63.64	0.00106	-14.14	56.57	0.00103
-7.07	49.50	0.00100	0.00	42.43	0.00098
3.54	38.89	0.00096	7.07	35.36	0.00095
9.19	33.23	0.00093	10.61	31.82	0.00092
12.02	30.41	0.00091	13.44	28.99	0.00089
14.85	27.58	0.00087	27.58	14.85	0.00070
28.99	13.44	0.00068	30.41	12.02	0.00066
31.82	10.61	0.00064	33.23	9.19	0.00062
35.36	7.07	0.00060	38.89	3.54	0.00055
42.43	0.00	0.00051	49.50	-7.07	0.00044
56.57	-14.14	0.00038	63.64	-21.21	0.00033
70.71	-28.28	0.00029	77.78	-35.36	0.00025
84.85	-42.43	0.00022	91.92	-49.50	0.00019
-42.43	98.99	0.00090	-35.36	91.92	0.00092
-28.28	84.85	0.00092	-21.21	77.78	0.00091
-14.14	70.71	0.00089	-7.07	63.64	0.00087
0.00	56.57	0.00085	7.07	49.50	0.00083
10.61	45.96	0.00082	14.14	42.43	0.00080

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00079	17.68	38.89	0.00078
19.09	37.48	0.00077	20.51	36.06	0.00076
21.92	34.65	0.00074	34.65	21.92	0.00060
36.06	20.51	0.00059	37.48	19.09	0.00057

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

38.89	17.68	0.00056	40.31	16.26	0.00055
42.43	14.14	0.00052	45.96	10.61	0.00049
49.50	7.07	0.00046	56.57	0.00	0.00039
63.64	-7.07	0.00034	70.71	-14.14	0.00030
77.78	-21.21	0.00027	84.85	-28.28	0.00024
91.92	-35.36	0.00021	98.99	-42.43	0.00018
-35.36	106.07	0.00079	-28.28	98.99	0.00080
-21.21	91.92	0.00080	-14.14	84.85	0.00078
-7.07	77.78	0.00076	0.00	70.71	0.00075
7.07	63.64	0.00073	14.14	56.57	0.00072
17.68	53.03	0.00071	21.21	49.50	0.00069
23.33	47.38	0.00068	24.75	45.96	0.00067
26.16	44.55	0.00066	27.58	43.13	0.00065
28.99	41.72	0.00064	41.72	28.99	0.00053
43.13	27.58	0.00051	44.55	26.16	0.00050
45.96	24.75	0.00049	47.38	23.33	0.00048
49.50	21.21	0.00046	53.03	17.68	0.00044
56.57	14.14	0.00041	63.64	7.07	0.00036
70.71	0.00	0.00031	77.78	-7.07	0.00028
84.85	-14.14	0.00025	91.92	-21.21	0.00022
98.99	-28.28	0.00020	106.07	-35.36	0.00018
-28.28	113.14	0.00070	-21.21	106.07	0.00070
-14.14	98.99	0.00069	-7.07	91.92	0.00067
0.00	84.85	0.00066	7.07	77.78	0.00065
14.14	70.71	0.00064	21.21	63.64	0.00062
24.75	60.10	0.00061	28.28	56.57	0.00060
30.41	54.45	0.00059	31.82	53.03	0.00058
33.23	51.62	0.00057	34.65	50.20	0.00057
36.06	48.79	0.00056	48.79	36.06	0.00046
50.20	34.65	0.00045	51.62	33.23	0.00044
53.03	31.82	0.00044	54.45	30.41	0.00043
56.57	28.28	0.00041	60.10	24.75	0.00039
63.64	21.21	0.00037	70.71	14.14	0.00033
77.78	7.07	0.00029	84.85	0.00	0.00025
91.92	-7.07	0.00023	98.99	-14.14	0.00021
106.07	-21.21	0.00019	113.14	-28.28	0.00017

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00062	-14.14	113.14	0.00061
-7.07	106.07	0.00060	0.00	98.99	0.00059
7.07	91.92	0.00058	14.14	84.85	0.00057
21.21	77.78	0.00056	28.28	70.71	0.00055
31.82	67.18	0.00054	35.36	63.64	0.00053
37.48	61.52	0.00052	38.89	60.10	0.00051
40.31	58.69	0.00050	41.72	57.28	0.00050
43.13	55.86	0.00049	55.86	43.13	0.00041
57.28	41.72	0.00040	58.69	40.31	0.00040
60.10	38.89	0.00039	61.52	37.48	0.00038
63.64	35.36	0.00037	67.18	31.82	0.00035
70.71	28.28	0.00033	77.78	21.21	0.00030
84.85	14.14	0.00026	91.92	7.07	0.00023
98.99	0.00	0.00021	106.07	-7.07	0.00019
113.14	-14.14	0.00018	120.21	-21.21	0.00016
-14.14	127.28	0.00055	-7.07	120.21	0.00054
0.00	113.14	0.00053	7.07	106.07	0.00052
14.14	98.99	0.00051	21.21	91.92	0.00050
28.28	84.85	0.00049	35.36	77.78	0.00048
38.89	74.25	0.00048	42.43	70.71	0.00046
44.55	68.59	0.00046	45.96	67.18	0.00045
47.38	65.76	0.00044	48.79	64.35	0.00044
50.20	62.93	0.00043	62.93	50.20	0.00037
64.35	48.79	0.00036	65.76	47.38	0.00035
67.18	45.96	0.00035	68.59	44.55	0.00034
70.71	42.43	0.00033	74.25	38.89	0.00032
77.78	35.36	0.00030	84.85	28.28	0.00027
91.92	21.21	0.00024	98.99	14.14	0.00022
106.07	7.07	0.00020	113.14	0.00	0.00018
120.21	-7.07	0.00016	127.28	-14.14	0.00015
-7.07	134.35	0.00048	0.00	127.28	0.00048
7.07	120.21	0.00047	14.14	113.14	0.00046
21.21	106.07	0.00045	28.28	98.99	0.00045
35.36	91.92	0.00044	42.43	84.85	0.00043
45.96	81.32	0.00042	49.50	77.78	0.00041
51.62	75.66	0.00041	53.03	74.25	0.00040
54.45	72.83	0.00040	55.86	71.42	0.00039
57.28	70.00	0.00038	70.00	57.28	0.00033
71.42	55.86	0.00033	72.83	54.45	0.00032
74.25	53.03	0.00031	75.66	51.62	0.00031

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00030	81.32	45.96	0.00029	
84.85	42.43	0.00028	91.92	35.36	0.00025	
98.99	28.28	0.00023	106.07	21.21	0.00020	
113.14	14.14	0.00018	120.21	7.07	0.00017	
127.28	0.00	0.00015	134.35	-7.07	0.00014	
0.00	141.42	0.00043	7.07	134.35	0.00042	
14.14	127.28	0.00042	21.21	120.21	0.00041	
28.28	113.14	0.00041	35.36	106.07	0.00040	
42.43	98.99	0.00040	49.50	91.92	0.00039	
53.03	88.39	0.00038	56.57	84.85	0.00037	
58.69	82.73	0.00036	60.10	81.32	0.00036	
61.52	79.90	0.00035	62.93	78.49	0.00035	
64.35	77.07	0.00035	77.07	64.35	0.00030	
78.49	62.93	0.00029	79.90	61.52	0.00029	
81.32	60.10	0.00028	82.73	58.69	0.00028	
84.85	56.57	0.00027	88.39	53.03	0.00026	
91.92	49.50	0.00025	98.99	42.43	0.00023	
106.07	35.36	0.00021	113.14	28.28	0.00019	
120.21	21.21	0.00017	127.28	14.14	0.00016	
134.35	7.07	0.00014	141.42	0.00	0.00013	
7.07	148.49	0.00039	14.14	141.42	0.00038	
21.21	134.35	0.00038	28.28	127.28	0.00037	
35.36	120.21	0.00037	42.43	113.14	0.00036	
49.50	106.07	0.00036	56.57	98.99	0.00035	
60.10	95.46	0.00034	63.64	91.92	0.00033	
65.76	89.80	0.00033	67.18	88.39	0.00032	
68.59	86.97	0.00032	70.00	85.56	0.00032	
71.42	84.15	0.00031	84.15	71.42	0.00027	
85.56	70.00	0.00027	86.97	68.59	0.00026	
88.39	67.18	0.00026	89.80	65.76	0.00026	
91.92	63.64	0.00025	95.46	60.10	0.00024	
98.99	56.57	0.00023	106.07	49.50	0.00021	
113.14	42.43	0.00019	120.21	35.36	0.00018	
127.28	28.28	0.00016	134.35	21.21	0.00015	
141.42	14.14	0.00014	148.49	7.07	0.00013	
14.14	155.56	0.00035	21.21	148.49	0.00034	

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	141.42	0.00034	35.36	134.35	0.00034
42.43	127.28	0.00033	49.50	120.21	0.00033
56.57	113.14	0.00032	63.64	106.07	0.00032
67.18	102.53	0.00031	70.71	98.99	0.00030

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

86.97	111.02	0.00025	88.39	109.60	0.00024
89.80	108.19	0.00024	91.22	106.77	0.00024
92.63	105.36	0.00024	105.36	92.63	0.00021
106.77	91.22	0.00021	108.19	89.80	0.00020
109.60	88.39	0.00020	111.02	86.97	0.00020
113.14	84.85	0.00019	116.67	81.32	0.00019
120.21	77.78	0.00018	127.28	70.71	0.00017
134.35	63.64	0.00016	141.42	56.57	0.00015
148.49	49.50	0.00013	155.56	42.43	0.00012
162.63	35.36	0.00011	169.71	28.28	0.00011

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00016	137.89	102.53	0.00015
141.42	98.99	0.00015	148.49	91.92	0.00014
155.56	84.85	0.00013	162.63	77.78	0.00012
169.71	70.71	0.00011	176.78	63.64	0.00011
183.85	56.57	0.00010	190.92	49.50	0.00009
56.57	197.99	0.00021	63.64	190.92	0.00021
70.71	183.85	0.00021	77.78	176.78	0.00020
84.85	169.71	0.00020	91.92	162.63	0.00020
98.99	155.56	0.00020	106.07	148.49	0.00019
109.60	144.96	0.00019	113.14	141.42	0.00018
115.26	139.30	0.00018	116.67	137.89	0.00018
118.09	136.47	0.00018	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00016
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00015
141.42	113.14	0.00015	144.96	109.60	0.00014
148.49	106.07	0.00014	155.56	98.99	0.00013
162.63	91.92	0.00012	169.71	84.85	0.00012



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00016	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00014
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00013	159.10	123.74	0.00012
162.63	120.21	0.00012	169.71	113.14	0.00012
176.78	106.07	0.00011	183.85	98.99	0.00010
190.92	91.92	0.00010	197.99	84.85	0.00009
205.06	77.78	0.00009	212.13	70.71	0.00008
77.78	219.20	0.00017	84.85	212.13	0.00017
91.92	205.06	0.00017	98.99	197.99	0.00017

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

18:03:23  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

18:03:23

\*\*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 -----

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	162.63	0.00010	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00009
212.13	141.42	0.00008	219.20	134.35	0.00008
226.27	127.28	0.00008	233.35	120.21	0.00007
240.42	113.14	0.00007	247.49	106.07	0.00007

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

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

18:03:23

\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00054	-240.42	-113.14	0.00065
-233.35	-120.21	0.00079	-226.27	-127.28	0.00096
-219.20	-134.35	0.00119	-212.13	-141.42	0.00149
-205.06	-148.49	0.00186	-197.99	-155.56	0.00231
-194.45	-159.10	0.00257	-190.92	-162.63	0.00284
-188.80	-164.76	0.00299	-187.38	-166.17	0.00308
-185.97	-167.58	0.00316	-184.55	-169.00	0.00324
-183.14	-170.41	0.00332	-170.41	-183.14	0.00324
-169.00	-184.55	0.00318	-167.58	-185.97	0.00312
-166.17	-187.38	0.00307	-164.76	-188.80	0.00301
-162.63	-190.92	0.00292	-159.10	-194.45	0.00274
-155.56	-197.99	0.00254	-148.49	-205.06	0.00212
-141.42	-212.13	0.00174	-134.35	-219.20	0.00142
-127.28	-226.27	0.00115	-120.21	-233.35	0.00095
-113.14	-240.42	0.00078	-106.07	-247.49	0.00065
-240.42	-98.99	0.00054	-233.35	-106.07	0.00064
-226.27	-113.14	0.00077	-219.20	-120.21	0.00095
-212.13	-127.28	0.00119	-205.06	-134.35	0.00150
-197.99	-141.42	0.00191	-190.92	-148.49	0.00244
-187.38	-152.03	0.00277	-183.85	-155.56	0.00312
-181.73	-157.68	0.00335	-180.31	-159.10	0.00351
-178.90	-160.51	0.00366	-177.48	-161.93	0.00380
-176.07	-163.34	0.00393	-163.34	-176.07	0.00392
-161.93	-177.48	0.00383	-160.51	-178.90	0.00373
-159.10	-180.31	0.00363	-157.68	-181.73	0.00352
-155.56	-183.85	0.00335	-152.03	-187.38	0.00305
-148.49	-190.92	0.00275	-141.42	-197.99	0.00222
-134.35	-205.06	0.00178	-127.28	-212.13	0.00142
-120.21	-219.20	0.00114	-113.14	-226.27	0.00093

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-233.35	0.00076	-98.99	-240.42	0.00062
-233.35	-91.92	0.00053	-226.27	-99.00	0.00063
-219.20	-106.07	0.00076	-212.13	-113.14	0.00094
-205.06	-120.21	0.00117	-197.99	-127.28	0.00149
-190.92	-134.35	0.00192	-183.85	-141.42	0.00249
-180.31	-144.96	0.00285	-176.78	-148.49	0.00327
-174.66	-150.61	0.00356	-173.24	-152.03	0.00377
-171.83	-153.44	0.00400	-170.41	-154.86	0.00427
-169.00	-156.27	0.00456	-156.27	-169.00	0.00472
-154.86	-170.41	0.00449	-153.44	-171.83	0.00426
-152.03	-173.24	0.00406	-150.61	-174.66	0.00388

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00361	-144.96	-180.31	0.00321
-141.42	-183.85	0.00285	-134.35	-190.92	0.00224
-127.28	-197.99	0.00176	-120.21	-205.06	0.00139
-113.14	-212.13	0.00110	-106.07	-219.20	0.00089
-98.99	-226.27	0.00072	-91.92	-233.35	0.00059
-226.27	-84.85	0.00053	-219.20	-91.92	0.00063
-212.13	-99.00	0.00076	-205.06	-106.07	0.00093
-197.99	-113.14	0.00117	-190.92	-120.21	0.00149
-183.85	-127.28	0.00194	-176.78	-134.35	0.00255
-173.24	-137.89	0.00294	-169.71	-141.42	0.00343
-167.58	-143.54	0.00378	-166.17	-144.96	0.00404
-164.76	-146.37	0.00436	-163.34	-147.79	0.00477
-161.93	-149.20	0.00532	-149.20	-161.93	0.00501
-147.79	-163.34	0.00468	-146.37	-164.76	0.00440
-144.96	-166.17	0.00417	-143.54	-167.58	0.00395
-141.42	-169.71	0.00365	-137.89	-173.24	0.00322
-134.35	-176.78	0.00283	-127.28	-183.85	0.00219
-120.21	-190.92	0.00170	-113.14	-197.99	0.00132
-106.07	-205.06	0.00104	-98.99	-212.13	0.00083
-91.92	-219.20	0.00067	-84.85	-226.27	0.00055
-219.20	-77.78	0.00053	-212.13	-84.85	0.00064
-205.06	-91.92	0.00077	-197.99	-99.00	0.00095
-190.92	-106.07	0.00120	-183.85	-113.14	0.00155

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-120.21	0.00207	-169.71	-127.28	0.00287
-166.17	-130.81	0.00346	-162.63	-134.35	0.00426
-160.51	-136.47	0.00486	-159.10	-137.89	0.00532
-157.68	-139.30	0.00583	-156.27	-140.71	0.00640
-154.86	-142.13	0.00705	-142.13	-154.86	0.00522
-140.71	-156.27	0.00480	-139.30	-157.68	0.00447
-137.89	-159.10	0.00418	-136.47	-160.51	0.00394
-134.35	-162.63	0.00361	-130.81	-166.17	0.00314
-127.28	-169.71	0.00274	-120.21	-176.78	0.00208
-113.14	-183.85	0.00159	-106.07	-190.92	0.00123
-98.99	-197.99	0.00096	-91.92	-205.06	0.00077
-84.85	-212.13	0.00062	-77.78	-219.20	0.00051
-212.13	-70.71	0.00055	-205.06	-77.78	0.00066
-197.99	-84.85	0.00081	-190.92	-91.92	0.00101
-183.85	-98.99	0.00129	-176.78	-106.07	0.00171
-169.71	-113.14	0.00239	-162.63	-120.21	0.00350
-159.10	-123.74	0.00427	-155.56	-127.28	0.00519

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

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

18:03:23

\*\*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	0.00582	-152.03	-130.81	0.00626
-150.61	-132.23	0.00674	-149.20	-133.64	0.00725
-147.79	-135.06	0.00785	-135.06	-147.79	0.00538
-133.64	-149.20	0.00491	-132.23	-150.61	0.00453
-130.81	-152.03	0.00421	-129.40	-153.44	0.00393
-127.28	-155.56	0.00355	-123.74	-159.10	0.00303
-120.21	-162.63	0.00260	-113.14	-169.71	0.00193
-106.07	-176.78	0.00145	-98.99	-183.85	0.00111
-91.92	-190.92	0.00087	-84.85	-197.99	0.00069
-77.78	-205.06	0.00057	-70.71	-212.13	0.00047
-205.06	-63.64	0.00059	-197.99	-70.71	0.00071
-190.92	-77.78	0.00088	-183.85	-84.85	0.00112
-176.78	-91.92	0.00146	-169.71	-98.99	0.00199
-162.63	-106.07	0.00281	-155.56	-113.14	0.00403
-152.03	-116.67	0.00480	-148.49	-120.21	0.00567
-146.37	-122.33	0.00625	-144.96	-123.74	0.00666
-143.54	-125.16	0.00710	-142.13	-126.57	0.00759

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-140.71	-127.99	0.00816	-127.99	-140.71	0.00539
-126.57	-142.13	0.00489	-125.16	-143.54	0.00449
-123.74	-144.96	0.00414	-122.33	-146.37	0.00384
-120.21	-148.49	0.00345	-116.67	-152.03	0.00289
-113.14	-155.56	0.00243	-106.07	-162.63	0.00175
-98.99	-169.71	0.00130	-91.92	-176.78	0.00099
-84.85	-183.85	0.00077	-77.78	-190.92	0.00062
-70.71	-197.99	0.00051	-63.64	-205.06	0.00043
-197.99	-56.57	0.00064	-190.92	-63.64	0.00079
-183.85	-70.71	0.00099	-176.78	-77.78	0.00128
-169.71	-84.85	0.00169	-162.63	-91.92	0.00230
-155.56	-98.99	0.00315	-148.49	-106.07	0.00430
-144.96	-109.60	0.00501	-141.42	-113.14	0.00581
-139.30	-115.26	0.00635	-137.89	-116.67	0.00674
-136.47	-118.09	0.00717	-135.06	-119.50	0.00764
-133.64	-120.92	0.00818	-120.92	-133.64	0.00525
-119.50	-135.06	0.00474	-118.09	-136.47	0.00432
-116.67	-137.89	0.00396	-115.26	-139.30	0.00365
-113.14	-141.42	0.00324	-109.60	-144.96	0.00267
-106.07	-148.49	0.00221	-98.99	-155.56	0.00155
-91.92	-162.63	0.00114	-84.85	-169.71	0.00087
-77.78	-176.78	0.00068	-70.71	-183.85	0.00055
-63.64	-190.92	0.00046	-56.57	-197.99	0.00038

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

18:03:23  
 \*\*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
-190.92	-49.50	0.00072	-183.85	-56.57	0.00090
-176.78	-63.64	0.00113	-169.71	-70.71	0.00146
-162.63	-77.78	0.00193	-155.56	-84.85	0.00255
-148.49	-91.92	0.00336	-141.42	-98.99	0.00439
-137.89	-102.53	0.00501	-134.35	-106.07	0.00574
-132.23	-108.19	0.00625	-130.81	-109.60	0.00662
-129.40	-111.02	0.00702	-127.99	-112.43	0.00746
-126.57	-113.84	0.00798	-113.84	-126.57	0.00495
-112.43	-127.99	0.00443	-111.02	-129.40	0.00401
-109.60	-130.81	0.00365	-108.19	-132.23	0.00333
-106.07	-134.35	0.00291	-102.53	-137.89	0.00236

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-98.99	-141.42	0.00193	-91.92	-148.49	0.00134
-84.85	-155.56	0.00099	-77.78	-162.63	0.00076
-70.71	-169.71	0.00060	-63.64	-176.78	0.00049
-56.57	-183.85	0.00041	-49.50	-190.92	0.00034
-183.85	-42.43	0.00083	-176.78	-49.50	0.00103
-169.71	-56.57	0.00130	-162.63	-63.64	0.00166
-155.56	-70.71	0.00213	-148.49	-77.78	0.00273
-141.42	-84.85	0.00347	-134.35	-91.92	0.00439
-130.81	-95.46	0.00492	-127.28	-98.99	0.00556
-125.16	-101.12	0.00600	-123.74	-102.53	0.00633
-122.33	-103.94	0.00669	-120.92	-105.36	0.00710
-119.50	-106.77	0.00759	-106.77	-119.50	0.00449
-105.36	-120.92	0.00396	-103.94	-122.33	0.00354
-102.53	-123.74	0.00319	-101.12	-125.16	0.00288
-98.99	-127.28	0.00248	-95.46	-130.81	0.00198
-91.92	-134.35	0.00162	-84.85	-141.42	0.00115
-77.78	-148.49	0.00086	-70.71	-155.56	0.00067
-63.64	-162.63	0.00053	-56.57	-169.71	0.00043
-49.50	-176.78	0.00036	-42.43	-183.85	0.00030
-176.78	-35.36	0.00094	-169.71	-42.43	0.00116
-162.63	-49.50	0.00145	-155.56	-56.57	0.00182
-148.49	-63.64	0.00229	-141.42	-70.71	0.00285
-134.35	-77.78	0.00353	-127.28	-84.85	0.00434
-123.74	-88.39	0.00481	-120.21	-91.92	0.00535
-118.09	-94.05	0.00570	-116.67	-95.46	0.00596
-115.26	-96.87	0.00626	-113.84	-98.29	0.00660
-112.43	-99.70	0.00702	-99.70	-112.43	0.00381
-98.29	-113.84	0.00331	-96.87	-115.26	0.00291
-95.46	-116.67	0.00260	-94.05	-118.09	0.00234

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 107

CONC                                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00202	-88.39	-123.74	0.00164
-84.85	-127.28	0.00136	-77.78	-134.35	0.00099
-70.71	-141.42	0.00075	-63.64	-148.49	0.00059
-56.57	-155.56	0.00047	-49.50	-162.63	0.00039
-42.43	-169.71	0.00032	-35.36	-176.78	0.00027



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-169.71	-28.28	0.00105	-162.63	-35.36	0.00128
-155.56	-42.43	0.00158	-148.49	-49.50	0.00195
-141.42	-56.57	0.00240	-134.35	-63.64	0.00294
-127.28	-70.71	0.00357	-120.21	-77.78	0.00432
-116.67	-81.32	0.00474	-113.14	-84.85	0.00519
-111.02	-86.97	0.00548	-109.60	-88.39	0.00568
-108.19	-89.80	0.00589	-106.77	-91.22	0.00613
-105.36	-92.63	0.00640	-92.63	-105.36	0.00295
-91.22	-106.77	0.00259	-89.80	-108.19	0.00231
-88.39	-109.60	0.00209	-86.97	-111.02	0.00191
-84.85	-113.14	0.00168	-81.32	-116.67	0.00139
-77.78	-120.21	0.00117	-70.71	-127.28	0.00087
-63.64	-134.35	0.00067	-56.57	-141.42	0.00053
-49.50	-148.49	0.00043	-42.43	-155.56	0.00035
-35.36	-162.63	0.00030	-28.28	-169.71	0.00025
-162.63	-21.21	0.00114	-155.56	-28.28	0.00138
-148.49	-35.36	0.00167	-141.42	-42.43	0.00203
-134.35	-49.50	0.00245	-127.28	-56.57	0.00295
-120.21	-63.64	0.00354	-113.14	-70.71	0.00422
-109.60	-74.25	0.00459	-106.07	-77.78	0.00498
-103.94	-79.90	0.00520	-102.53	-81.32	0.00533
-101.12	-82.73	0.00545	-99.70	-84.15	0.00554
-98.29	-85.56	0.00555	-85.56	-98.29	0.00252
-84.15	-99.70	0.00227	-82.73	-101.12	0.00206
-81.32	-102.53	0.00188	-79.90	-103.94	0.00172
-77.78	-106.07	0.00153	-74.25	-109.60	0.00127
-70.71	-113.14	0.00107	-63.64	-120.21	0.00080
-56.57	-127.28	0.00062	-49.50	-134.35	0.00049
-42.43	-141.42	0.00040	-35.36	-148.49	0.00033
-28.28	-155.56	0.00028	-21.21	-162.63	0.00024
-155.56	-14.14	0.00121	-148.49	-21.21	0.00144
-141.42	-28.28	0.00172	-134.35	-35.36	0.00205
-127.28	-42.43	0.00243	-120.21	-49.50	0.00286
-113.14	-56.57	0.00334	-106.07	-63.64	0.00381
-102.53	-67.18	0.00397	-98.99	-70.71	0.00402

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

18:03:23  
 \*\*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 \*\*

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00398	-95.46	-74.25	0.00392	
-94.05	-75.66	0.00384	-92.63	-77.07	0.00375	
-91.22	-78.49	0.00364	-78.49	-91.22	0.00213	
-77.07	-92.63	0.00197	-75.66	-94.05	0.00182	
-74.25	-95.46	0.00169	-72.83	-96.87	0.00157	
-70.71	-98.99	0.00141	-67.18	-102.53	0.00119	
-63.64	-106.07	0.00101	-56.57	-113.14	0.00076	
-49.50	-120.21	0.00059	-42.43	-127.28	0.00047	
-35.36	-134.35	0.00038	-28.28	-141.42	0.00031	
-21.21	-148.49	0.00026	-14.14	-155.56	0.00022	
-148.49	-7.07	0.00125	-141.42	-14.14	0.00147	
-134.35	-21.21	0.00172	-127.28	-28.28	0.00200	
-120.21	-35.36	0.00232	-113.14	-42.43	0.00264	
-106.07	-49.50	0.00292	-98.99	-56.57	0.00303	
-95.46	-60.10	0.00299	-91.92	-63.64	0.00289	
-89.80	-65.76	0.00282	-88.39	-67.18	0.00277	
-86.97	-68.59	0.00272	-85.56	-70.00	0.00267	
-84.15	-71.42	0.00261	-71.42	-84.15	0.00173	
-70.00	-85.56	0.00162	-68.59	-86.97	0.00153	
-67.18	-88.39	0.00144	-65.76	-89.80	0.00136	
-63.64	-91.92	0.00124	-60.10	-95.46	0.00107	
-56.57	-98.99	0.00093	-49.50	-106.07	0.00071	
-42.43	-113.14	0.00056	-35.36	-120.21	0.00045	
-28.28	-127.28	0.00037	-21.21	-134.35	0.00030	
-14.14	-141.42	0.00025	-7.07	-148.49	0.00021	
-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	0.00228	
-98.99	-42.43	0.00236	-91.92	-49.50	0.00230	
-88.39	-53.03	0.00223	-84.85	-56.57	0.00216	
-82.73	-58.69	0.00212	-81.32	-60.10	0.00209	
-79.90	-61.52	0.00206	-78.49	-62.93	0.00203	
-77.07	-64.35	0.00199	-64.35	-77.07	0.00140	
-62.93	-78.49	0.00134	-61.52	-79.90	0.00127	
-60.10	-81.32	0.00121	-58.69	-82.73	0.00115	
-56.57	-84.85	0.00107	-53.03	-88.39	0.00094	
-49.50	-91.92	0.00084	-42.43	-98.99	0.00066	
-35.36	-106.07	0.00053	-28.28	-113.14	0.00043	
-21.21	-120.21	0.00035	-14.14	-127.28	0.00029	
-7.07	-134.35	0.00024	0.00	-141.42	0.00021	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:03:23

\*\*MODELOPTS:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00124	-127.28	0.00	0.00140
-120.21	-7.07	0.00156	-113.14	-14.14	0.00171
-106.07	-21.21	0.00183	-98.99	-28.28	0.00188
-91.92	-35.36	0.00186	-84.85	-42.43	0.00178
-81.32	-45.96	0.00174	-77.78	-49.50	0.00169
-75.66	-51.62	0.00167	-74.25	-53.03	0.00165
-72.83	-54.45	0.00162	-71.42	-55.86	0.00160
-70.00	-57.28	0.00157	-57.28	-70.00	0.00115
-55.86	-71.42	0.00111	-54.45	-72.83	0.00106
-53.03	-74.25	0.00102	-51.62	-75.66	0.00098
-49.50	-77.78	0.00092	-45.96	-81.32	0.00082
-42.43	-84.85	0.00074	-35.36	-91.92	0.00060
-28.28	-98.99	0.00049	-21.21	-106.07	0.00041
-14.14	-113.14	0.00034	-7.07	-120.21	0.00028
0.00	-127.28	0.00024	7.07	-134.35	0.00020
-127.28	14.14	0.00118	-120.21	7.07	0.00130
-113.14	0.00	0.00141	-106.07	-7.07	0.00149
-98.99	-14.14	0.00153	-91.92	-21.21	0.00153
-84.85	-28.28	0.00148	-77.78	-35.36	0.00142
-74.25	-38.89	0.00139	-70.71	-42.43	0.00137
-68.59	-44.55	0.00135	-67.18	-45.96	0.00133
-65.76	-47.38	0.00131	-64.35	-48.79	0.00129
-62.93	-50.20	0.00127	-50.20	-62.93	0.00096
-48.79	-64.35	0.00093	-47.38	-65.76	0.00090
-45.96	-67.18	0.00087	-44.55	-68.59	0.00084
-42.43	-70.71	0.00079	-38.89	-74.25	0.00072
-35.36	-77.78	0.00065	-28.28	-84.85	0.00054
-21.21	-91.92	0.00046	-14.14	-98.99	0.00038
-7.07	-106.07	0.00032	0.00	-113.14	0.00027
7.07	-120.21	0.00023	14.14	-127.28	0.00020
-120.21	21.21	0.00110	-113.14	14.14	0.00118
-106.07	7.07	0.00124	-98.99	0.00	0.00127
-91.92	-7.07	0.00127	-84.85	-14.14	0.00125
-77.78	-21.21	0.00121	-70.71	-28.28	0.00117
-67.18	-31.82	0.00115	-63.64	-35.36	0.00113
-61.52	-37.48	0.00111	-60.10	-38.89	0.00110
-58.69	-40.31	0.00108	-57.28	-41.72	0.00106

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-55.86	-43.13	0.00104	-43.13	-55.86	0.00081
-41.72	-57.28	0.00079	-40.31	-58.69	0.00077
-38.89	-60.10	0.00074	-37.48	-61.52	0.00072

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00068	-31.82	-67.18	0.00063
-28.28	-70.71	0.00057	-21.21	-77.78	0.00049
-14.14	-84.85	0.00042	-7.07	-91.92	0.00036
0.00	-98.99	0.00031	7.07	-106.07	0.00026
14.14	-113.14	0.00023	21.21	-120.21	0.00019
-113.14	28.28	0.00100	-106.07	21.21	0.00105
-98.99	14.14	0.00107	-91.92	7.07	0.00108
-84.85	0.00	0.00106	-77.78	-7.07	0.00103
-70.71	-14.14	0.00100	-63.64	-21.21	0.00098
-60.10	-24.75	0.00096	-56.57	-28.28	0.00095
-54.45	-30.41	0.00093	-53.03	-31.82	0.00092
-51.62	-33.23	0.00091	-50.20	-34.65	0.00089
-48.79	-36.06	0.00087	-36.06	-48.79	0.00070
-34.65	-50.20	0.00068	-33.23	-51.62	0.00066
-31.82	-53.03	0.00064	-30.41	-54.45	0.00062
-28.28	-56.57	0.00060	-24.75	-60.10	0.00055
-21.21	-63.64	0.00051	-14.14	-70.71	0.00044
-7.07	-77.78	0.00038	0.00	-84.85	0.00033
7.07	-91.92	0.00029	14.14	-98.99	0.00025
21.21	-106.07	0.00022	28.28	-113.14	0.00019
-106.07	35.36	0.00090	-98.99	28.28	0.00092
-91.92	21.21	0.00092	-84.85	14.14	0.00091
-77.78	7.07	0.00089	-70.71	0.00	0.00087
-63.64	-7.07	0.00085	-56.57	-14.14	0.00083
-53.03	-17.68	0.00082	-49.50	-21.21	0.00080
-47.38	-23.33	0.00079	-45.96	-24.75	0.00078
-44.55	-26.16	0.00077	-43.13	-27.58	0.00076
-41.72	-28.99	0.00074	-28.99	-41.72	0.00060
-27.58	-43.13	0.00059	-26.16	-44.55	0.00057
-24.75	-45.96	0.00056	-23.33	-47.38	0.00055
-21.21	-49.50	0.00052	-17.68	-53.03	0.00049

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	-56.57	0.00046	-7.07	-63.64	0.00039
0.00	-70.71	0.00034	7.07	-77.78	0.00030
14.14	-84.85	0.00027	21.21	-91.92	0.00024
28.28	-98.99	0.00021	35.36	-106.07	0.00018
-98.99	42.43	0.00079	-91.92	35.36	0.00080
-84.85	28.28	0.00080	-77.78	21.21	0.00078
-70.71	14.14	0.00076	-63.64	7.07	0.00075
-56.57	0.00	0.00073	-49.50	-7.07	0.00072
-45.96	-10.61	0.00071	-42.43	-14.14	0.00069

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 111  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00068	-38.89	-17.68	0.00067
-37.48	-19.09	0.00066	-36.06	-20.51	0.00065
-34.65	-21.92	0.00064	-21.92	-34.65	0.00053
-20.51	-36.06	0.00051	-19.09	-37.48	0.00050
-17.68	-38.89	0.00049	-16.26	-40.31	0.00048
-14.14	-42.43	0.00046	-10.61	-45.96	0.00044
-7.07	-49.50	0.00041	0.00	-56.57	0.00036
7.07	-63.64	0.00031	14.14	-70.71	0.00028
21.21	-77.78	0.00025	28.28	-84.85	0.00022
35.36	-91.92	0.00020	42.43	-98.99	0.00018
-91.92	49.50	0.00070	-84.85	42.43	0.00070
-77.78	35.36	0.00069	-70.71	28.28	0.00067
-63.64	21.21	0.00066	-56.57	14.14	0.00065
-49.50	7.07	0.00064	-42.43	0.00	0.00062
-38.89	-3.54	0.00061	-35.36	-7.07	0.00060
-33.23	-9.19	0.00059	-31.82	-10.61	0.00058
-30.41	-12.02	0.00057	-28.99	-13.44	0.00057
-27.58	-14.85	0.00056	-14.85	-27.58	0.00046
-13.44	-28.99	0.00045	-12.02	-30.41	0.00044
-10.61	-31.82	0.00044	-9.19	-33.23	0.00043
-7.07	-35.36	0.00041	-3.54	-38.89	0.00039
0.00	-42.43	0.00037	7.07	-49.50	0.00033
14.14	-56.57	0.00029	21.21	-63.64	0.00025
28.28	-70.71	0.00023	35.36	-77.78	0.00021
42.43	-84.85	0.00019	49.50	-91.92	0.00017

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	56.57	0.00062	-77.78	49.50	0.00061
-70.71	42.43	0.00060	-63.64	35.36	0.00059
-56.57	28.28	0.00058	-49.50	21.21	0.00057
-42.43	14.14	0.00056	-35.36	7.07	0.00055
-31.82	3.54	0.00054	-28.28	0.00	0.00053
-26.16	-2.12	0.00052	-24.75	-3.54	0.00051
-23.33	-4.95	0.00050	-21.92	-6.36	0.00050
-20.51	-7.78	0.00049	-7.78	-20.51	0.00041
-6.36	-21.92	0.00040	-4.95	-23.33	0.00040
-3.54	-24.75	0.00039	-2.12	-26.16	0.00038
0.00	-28.28	0.00037	3.54	-31.82	0.00035
7.07	-35.36	0.00033	14.14	-42.43	0.00030
21.21	-49.50	0.00026	28.28	-56.57	0.00023
35.36	-63.64	0.00021	42.43	-70.71	0.00019
49.50	-77.78	0.00018	56.57	-84.85	0.00016

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

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00055	-70.71	56.57	0.00054
-63.64	49.50	0.00053	-56.57	42.43	0.00052
-49.50	35.36	0.00051	-42.43	28.28	0.00050
-35.36	21.21	0.00049	-28.28	14.14	0.00048
-24.75	10.61	0.00048	-21.21	7.07	0.00046
-19.09	4.95	0.00046	-17.68	3.54	0.00045
-16.26	2.12	0.00044	-14.85	0.71	0.00044
-13.44	-0.71	0.00043	-0.71	-13.44	0.00037
0.71	-14.85	0.00036	2.12	-16.26	0.00035
3.54	-17.68	0.00035	4.95	-19.09	0.00034
7.07	-21.21	0.00033	10.61	-24.75	0.00032
14.14	-28.28	0.00030	21.21	-35.36	0.00027
28.28	-42.43	0.00024	35.36	-49.50	0.00022
42.43	-56.57	0.00020	49.50	-63.64	0.00018
56.57	-70.71	0.00016	63.64	-77.78	0.00015
-70.71	70.71	0.00048	-63.64	63.64	0.00048
-56.57	56.57	0.00047	-49.50	49.50	0.00046
-42.43	42.43	0.00045	-35.36	35.36	0.00045
-28.28	28.28	0.00044	-21.21	21.21	0.00043

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-17.68	17.68	0.00042	-14.14	14.14	0.00041
-12.02	12.02	0.00041	-10.61	10.61	0.00040
-9.19	9.19	0.00040	-7.78	7.78	0.00039
-6.36	6.36	0.00038	6.36	-6.36	0.00033
7.78	-7.78	0.00033	9.19	-9.19	0.00032
10.61	-10.61	0.00031	12.02	-12.02	0.00031
14.14	-14.14	0.00030	17.68	-17.68	0.00029
21.21	-21.21	0.00028	28.28	-28.28	0.00025
35.36	-35.36	0.00023	42.43	-42.43	0.00020
49.50	-49.50	0.00018	56.57	-56.57	0.00017
63.64	-63.64	0.00015	70.71	-70.71	0.00014
-63.64	77.78	0.00043	-56.57	70.71	0.00042
-49.50	63.64	0.00042	-42.43	56.57	0.00041
-35.36	49.50	0.00041	-28.28	42.43	0.00040
-21.21	35.36	0.00040	-14.14	28.28	0.00039
-10.61	24.75	0.00038	-7.07	21.21	0.00037
-4.95	19.09	0.00036	-3.54	17.68	0.00036
-2.12	16.26	0.00035	-0.71	14.85	0.00035
0.71	13.44	0.00035	13.44	0.71	0.00030
14.85	-0.71	0.00029	16.26	-2.12	0.00029
17.68	-3.54	0.00028	19.09	-4.95	0.00028

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00027	24.75	-10.61	0.00026
28.28	-14.14	0.00025	35.36	-21.21	0.00023
42.43	-28.28	0.00021	49.50	-35.36	0.00019
56.57	-42.43	0.00017	63.64	-49.50	0.00016
70.71	-56.57	0.00014	77.78	-63.64	0.00013
-56.57	84.85	0.00039	-49.50	77.78	0.00038
-42.43	70.71	0.00038	-35.36	63.64	0.00037
-28.28	56.57	0.00037	-21.21	49.50	0.00036
-14.14	42.43	0.00036	-7.07	35.36	0.00035
-3.54	31.82	0.00034	0.00	28.28	0.00033
2.12	26.16	0.00033	3.54	24.75	0.00032
4.95	23.33	0.00032	6.36	21.92	0.00032
7.78	20.51	0.00031	20.51	7.78	0.00027

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00027	17.68	38.89	0.00027
19.09	37.48	0.00026	20.51	36.06	0.00026
21.92	34.65	0.00026	34.65	21.92	0.00023
36.06	20.51	0.00022	37.48	19.09	0.00022
38.89	17.68	0.00022	40.31	16.26	0.00022
42.43	14.14	0.00021	45.96	10.61	0.00020
49.50	7.07	0.00020	56.57	0.00	0.00018



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00024	-14.14	113.14	0.00024

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18 102.53 0.00015 70.71 98.99 0.00015

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

18:03:23  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00007	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00006
212.13	113.14	0.00006	219.20	106.07	0.00005
226.27	98.99	0.00005	233.35	91.92	0.00005
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00009	120.21	219.20	0.00009
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00008	155.56	183.85	0.00008
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	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00005	240.42	98.99	0.00005
106.07	247.49	0.00008	113.14	240.42	0.00008
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00008	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	0.00007
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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	0.00005

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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

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 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00165	-240.42	-113.14	0.00183
-233.35	-120.21	0.00204	-226.27	-127.28	0.00229
-219.20	-134.35	0.00260	-212.13	-141.42	0.00296
-205.06	-148.49	0.00340	-197.99	-155.56	0.00391
-194.45	-159.10	0.00420	-190.92	-162.63	0.00449
-188.80	-164.76	0.00465	-187.38	-166.17	0.00476
-185.97	-167.58	0.00485	-184.55	-169.00	0.00494
-183.14	-170.41	0.00502	-170.41	-183.14	0.00492
-169.00	-184.55	0.00485	-167.58	-185.97	0.00478
-166.17	-187.38	0.00471	-164.76	-188.80	0.00464
-162.63	-190.92	0.00453	-159.10	-194.45	0.00431
-155.56	-197.99	0.00408	-148.49	-205.06	0.00360
-141.42	-212.13	0.00316	-134.35	-219.20	0.00279
-127.28	-226.27	0.00248	-120.21	-233.35	0.00222
-113.14	-240.42	0.00200	-106.07	-247.49	0.00181
-240.42	-98.99	0.00168	-233.35	-106.07	0.00188
-226.27	-113.14	0.00210	-219.20	-120.21	0.00237
-212.13	-127.28	0.00269	-205.06	-134.35	0.00309
-197.99	-141.42	0.00358	-190.92	-148.49	0.00418
-187.38	-152.03	0.00454	-183.85	-155.56	0.00493
-181.73	-157.68	0.00517	-180.31	-159.10	0.00534
-178.90	-160.51	0.00550	-177.48	-161.93	0.00565
-176.07	-163.34	0.00579	-163.34	-176.07	0.00575
-161.93	-177.48	0.00565	-160.51	-178.90	0.00554
-159.10	-180.31	0.00543	-157.68	-181.73	0.00530
-155.56	-183.85	0.00510	-152.03	-187.38	0.00476
-148.49	-190.92	0.00443	-141.42	-197.99	0.00383
-134.35	-205.06	0.00333	-127.28	-212.13	0.00291
-120.21	-219.20	0.00257	-113.14	-226.27	0.00229
-106.07	-233.35	0.00205	-98.99	-240.42	0.00185
-233.35	-91.92	0.00173	-226.27	-99.00	0.00193
-219.20	-106.07	0.00216	-212.13	-113.14	0.00244

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-120.21	0.00279	-197.99	-127.28	0.00321
-190.92	-134.35	0.00373	-183.85	-141.42	0.00439
-180.31	-144.96	0.00479	-176.78	-148.49	0.00525
-174.66	-150.61	0.00556	-173.24	-152.03	0.00579
-171.83	-153.44	0.00603	-170.41	-154.86	0.00631
-169.00	-156.27	0.00661	-156.27	-169.00	0.00674
-154.86	-170.41	0.00649	-153.44	-171.83	0.00625
-152.03	-173.24	0.00603	-150.61	-174.66	0.00583

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

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 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00553	-144.96	-180.31	0.00509
-141.42	-183.85	0.00468	-134.35	-190.92	0.00400
-127.28	-197.99	0.00345	-120.21	-205.06	0.00301
-113.14	-212.13	0.00264	-106.07	-219.20	0.00234
-98.99	-226.27	0.00209	-91.92	-233.35	0.00188
-226.27	-84.85	0.00178	-219.20	-91.92	0.00198
-212.13	-99.00	0.00223	-205.06	-106.07	0.00253
-197.99	-113.14	0.00290	-190.92	-120.21	0.00335
-183.85	-127.28	0.00392	-176.78	-134.35	0.00464
-173.24	-137.89	0.00508	-169.71	-141.42	0.00561
-167.58	-143.54	0.00599	-166.17	-144.96	0.00627
-164.76	-146.37	0.00660	-163.34	-147.79	0.00703
-161.93	-149.20	0.00759	-149.20	-161.93	0.00725
-147.79	-163.34	0.00690	-146.37	-164.76	0.00660
-144.96	-166.17	0.00634	-143.54	-167.58	0.00610
-141.42	-169.71	0.00577	-137.89	-173.24	0.00528
-134.35	-176.78	0.00484	-127.28	-183.85	0.00412
-120.21	-190.92	0.00354	-113.14	-197.99	0.00308
-106.07	-205.06	0.00270	-98.99	-212.13	0.00238
-91.92	-219.20	0.00213	-84.85	-226.27	0.00191
-219.20	-77.78	0.00183	-212.13	-84.85	0.00206
-205.06	-91.92	0.00232	-197.99	-99.00	0.00265
-190.92	-106.07	0.00305	-183.85	-113.14	0.00356
-176.78	-120.21	0.00423	-169.71	-127.28	0.00517
-166.17	-130.81	0.00582	-162.63	-134.35	0.00668
-160.51	-136.47	0.00732	-159.10	-137.89	0.00780

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-157.68	-139.30	0.00833	-156.27	-140.71	0.00891
-154.86	-142.13	0.00958	-142.13	-154.86	0.00771
-140.71	-156.27	0.00727	-139.30	-157.68	0.00691
-137.89	-159.10	0.00660	-136.47	-160.51	0.00632
-134.35	-162.63	0.00595	-130.81	-166.17	0.00542
-127.28	-169.71	0.00497	-120.21	-176.78	0.00421
-113.14	-183.85	0.00361	-106.07	-190.92	0.00313
-98.99	-197.99	0.00274	-91.92	-205.06	0.00242
-84.85	-212.13	0.00215	-77.78	-219.20	0.00193
-212.13	-70.71	0.00190	-205.06	-77.78	0.00214
-197.99	-84.85	0.00244	-190.92	-91.92	0.00280
-183.85	-98.99	0.00327	-176.78	-106.07	0.00389
-169.71	-113.14	0.00476	-162.63	-120.21	0.00605
-159.10	-123.74	0.00690	-155.56	-127.28	0.00790

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00856	-152.03	-130.81	0.00904
-150.61	-132.23	0.00954	-149.20	-133.64	0.01007
-147.79	-135.06	0.01069	-135.06	-147.79	0.00818
-133.64	-149.20	0.00767	-132.23	-150.61	0.00726
-130.81	-152.03	0.00690	-129.40	-153.44	0.00659
-127.28	-155.56	0.00617	-123.74	-159.10	0.00558
-120.21	-162.63	0.00509	-113.14	-169.71	0.00429
-106.07	-176.78	0.00367	-98.99	-183.85	0.00317
-91.92	-190.92	0.00277	-84.85	-197.99	0.00244
-77.78	-205.06	0.00217	-70.71	-212.13	0.00195
-205.06	-63.64	0.00198	-197.99	-70.71	0.00225
-190.92	-77.78	0.00258	-183.85	-84.85	0.00301
-176.78	-91.92	0.00357	-169.71	-98.99	0.00433
-162.63	-106.07	0.00540	-155.56	-113.14	0.00686
-152.03	-116.67	0.00773	-148.49	-120.21	0.00870
-146.37	-122.33	0.00934	-144.96	-123.74	0.00978
-143.54	-125.16	0.01026	-142.13	-126.57	0.01078
-140.71	-127.99	0.01138	-127.99	-140.71	0.00855
-126.57	-142.13	0.00801	-125.16	-143.54	0.00757
-123.74	-144.96	0.00718	-122.33	-146.37	0.00684

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-148.49	0.00639	-116.67	-152.03	0.00575
-113.14	-155.56	0.00522	-106.07	-162.63	0.00437
-98.99	-169.71	0.00372	-91.92	-176.78	0.00321
-84.85	-183.85	0.00280	-77.78	-190.92	0.00247
-70.71	-197.99	0.00219	-63.64	-205.06	0.00196
-197.99	-56.57	0.00208	-190.92	-63.64	0.00238
-183.85	-70.71	0.00277	-176.78	-77.78	0.00326
-169.71	-84.85	0.00392	-162.63	-91.92	0.00480
-155.56	-98.99	0.00597	-148.49	-106.07	0.00744
-144.96	-109.60	0.00829	-141.42	-113.14	0.00924
-139.30	-115.26	0.00985	-137.89	-116.67	0.01029
-136.47	-118.09	0.01076	-135.06	-119.50	0.01127
-133.64	-120.92	0.01185	-120.92	-133.64	0.00885
-119.50	-135.06	0.00828	-118.09	-136.47	0.00781
-116.67	-137.89	0.00741	-115.26	-139.30	0.00705
-113.14	-141.42	0.00658	-109.60	-144.96	0.00591
-106.07	-148.49	0.00535	-98.99	-155.56	0.00445
-91.92	-162.63	0.00378	-84.85	-169.71	0.00325
-77.78	-176.78	0.00283	-70.71	-183.85	0.00249
-63.64	-190.92	0.00220	-56.57	-197.99	0.00197

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

18:03:23  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00220	-183.85	-56.57	0.00254
-176.78	-63.64	0.00298	-169.71	-70.71	0.00354
-162.63	-77.78	0.00427	-155.56	-84.85	0.00521
-148.49	-91.92	0.00640	-141.42	-98.99	0.00785
-137.89	-102.53	0.00869	-134.35	-106.07	0.00961
-132.23	-108.19	0.01022	-130.81	-109.60	0.01066
-129.40	-111.02	0.01112	-127.99	-112.43	0.01162
-126.57	-113.84	0.01219	-113.84	-126.57	0.00908
-112.43	-127.99	0.00849	-111.02	-129.40	0.00801
-109.60	-130.81	0.00760	-108.19	-132.23	0.00723
-106.07	-134.35	0.00673	-102.53	-137.89	0.00604
-98.99	-141.42	0.00546	-91.92	-148.49	0.00453
-84.85	-155.56	0.00383	-77.78	-162.63	0.00329
-70.71	-169.71	0.00285	-63.64	-176.78	0.00250

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-183.85	0.00222	-49.50	-190.92	0.00198
-183.85	-42.43	0.00234	-176.78	-49.50	0.00272
-169.71	-56.57	0.00320	-162.63	-63.64	0.00381
-155.56	-70.71	0.00458	-148.49	-77.78	0.00554
-141.42	-84.85	0.00672	-134.35	-91.92	0.00815
-130.81	-95.46	0.00897	-127.28	-98.99	0.00990
-125.16	-101.12	0.01050	-123.74	-102.53	0.01094
-122.33	-103.94	0.01139	-120.92	-105.36	0.01189
-119.50	-106.77	0.01245	-106.77	-119.50	0.00926
-105.36	-120.92	0.00866	-103.94	-122.33	0.00817
-102.53	-123.74	0.00775	-101.12	-125.16	0.00737
-98.99	-127.28	0.00686	-95.46	-130.81	0.00615
-91.92	-134.35	0.00556	-84.85	-141.42	0.00461
-77.78	-148.49	0.00388	-70.71	-155.56	0.00332
-63.64	-162.63	0.00288	-56.57	-169.71	0.00252
-49.50	-176.78	0.00223	-42.43	-183.85	0.00198
-176.78	-35.36	0.00248	-169.71	-42.43	0.00290
-162.63	-49.50	0.00341	-155.56	-56.57	0.00405
-148.49	-63.64	0.00483	-141.42	-70.71	0.00579
-134.35	-77.78	0.00696	-127.28	-84.85	0.00837
-123.74	-88.39	0.00920	-120.21	-91.92	0.01012
-118.09	-94.05	0.01072	-116.67	-95.46	0.01115
-115.26	-96.87	0.01160	-113.84	-98.29	0.01210
-112.43	-99.70	0.01266	-99.70	-112.43	0.00940
-98.29	-113.84	0.00880	-96.87	-115.26	0.00830
-95.46	-116.67	0.00787	-94.05	-118.09	0.00748

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00697	-88.39	-123.74	0.00624
-84.85	-127.28	0.00563	-77.78	-134.35	0.00467
-70.71	-141.42	0.00393	-63.64	-148.49	0.00336
-56.57	-155.56	0.00290	-49.50	-162.63	0.00254
-42.43	-169.71	0.00224	-35.36	-176.78	0.00199
-169.71	-28.28	0.00263	-162.63	-35.36	0.00306
-155.56	-42.43	0.00360	-148.49	-49.50	0.00424
-141.42	-56.57	0.00503	-134.35	-63.64	0.00599

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-70.71	0.00714	-120.21	-77.78	0.00854
-116.67	-81.32	0.00937	-113.14	-84.85	0.01028
-111.02	-86.97	0.01088	-109.60	-88.39	0.01130
-108.19	-89.80	0.01176	-106.77	-91.22	0.01227
-105.36	-92.63	0.01284	-92.63	-105.36	0.00952
-91.22	-106.77	0.00892	-89.80	-108.19	0.00840
-88.39	-109.60	0.00796	-86.97	-111.02	0.00757
-84.85	-113.14	0.00705	-81.32	-116.67	0.00632
-77.78	-120.21	0.00570	-70.71	-127.28	0.00472
-63.64	-134.35	0.00397	-56.57	-141.42	0.00339
-49.50	-148.49	0.00292	-42.43	-155.56	0.00255
-35.36	-162.63	0.00225	-28.28	-169.71	0.00200
-162.63	-21.21	0.00276	-155.56	-28.28	0.00321
-148.49	-35.36	0.00375	-141.42	-42.43	0.00440
-134.35	-49.50	0.00519	-127.28	-56.57	0.00614
-120.21	-63.64	0.00728	-113.14	-70.71	0.00869
-109.60	-74.25	0.00950	-106.07	-77.78	0.01041
-103.94	-79.90	0.01102	-102.53	-81.32	0.01143
-101.12	-82.73	0.01189	-99.70	-84.15	0.01239
-98.29	-85.56	0.01296	-85.56	-98.29	0.00960
-84.15	-99.70	0.00900	-82.73	-101.12	0.00849
-81.32	-102.53	0.00805	-79.90	-103.94	0.00765
-77.78	-106.07	0.00713	-74.25	-109.60	0.00638
-70.71	-113.14	0.00575	-63.64	-120.21	0.00476
-56.57	-127.28	0.00401	-49.50	-134.35	0.00341
-42.43	-141.42	0.00294	-35.36	-148.49	0.00257
-28.28	-155.56	0.00226	-21.21	-162.63	0.00200
-155.56	-14.14	0.00288	-148.49	-21.21	0.00334
-141.42	-28.28	0.00388	-134.35	-35.36	0.00453
-127.28	-42.43	0.00531	-120.21	-49.50	0.00626
-113.14	-56.57	0.00740	-106.07	-63.64	0.00880
-102.53	-67.18	0.00962	-98.99	-70.71	0.01052

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01112	-95.46	-74.25	0.01154
-94.05	-75.66	0.01199	-92.63	-77.07	0.01248

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.22	-78.49	0.01305	-78.49	-91.22	0.00966
-77.07	-92.63	0.00906	-75.66	-94.05	0.00855
-74.25	-95.46	0.00811	-72.83	-96.87	0.00771
-70.71	-98.99	0.00719	-67.18	-102.53	0.00643
-63.64	-106.07	0.00580	-56.57	-113.14	0.00480
-49.50	-120.21	0.00403	-42.43	-127.28	0.00344
-35.36	-134.35	0.00296	-28.28	-141.42	0.00258
-21.21	-148.49	0.00226	-14.14	-155.56	0.00200
-148.49	-7.07	0.00298	-141.42	-14.14	0.00344
-134.35	-21.21	0.00399	-127.28	-28.28	0.00463
-120.21	-35.36	0.00541	-113.14	-42.43	0.00635
-106.07	-49.50	0.00749	-98.99	-56.57	0.00889
-95.46	-60.10	0.00970	-91.92	-63.64	0.01060
-89.80	-65.76	0.01120	-88.39	-67.18	0.01162
-86.97	-68.59	0.01207	-85.56	-70.00	0.01255
-84.15	-71.42	0.01311	-71.42	-84.15	0.00971
-70.00	-85.56	0.00911	-68.59	-86.97	0.00860
-67.18	-88.39	0.00816	-65.76	-89.80	0.00776
-63.64	-91.92	0.00723	-60.10	-95.46	0.00647
-56.57	-98.99	0.00584	-49.50	-106.07	0.00482
-42.43	-113.14	0.00405	-35.36	-120.21	0.00345
-28.28	-127.28	0.00297	-21.21	-134.35	0.00259
-14.14	-141.42	0.00227	-7.07	-148.49	0.00200
-141.42	0.00	0.00307	-134.35	-7.07	0.00353
-127.28	-14.14	0.00407	-120.21	-21.21	0.00472
-113.14	-28.28	0.00549	-106.07	-35.36	0.00642
-98.99	-42.43	0.00756	-91.92	-49.50	0.00896
-88.39	-53.03	0.00977	-84.85	-56.57	0.01067
-82.73	-58.69	0.01126	-81.32	-60.10	0.01168
-79.90	-61.52	0.01213	-78.49	-62.93	0.01261
-77.07	-64.35	0.01317	-64.35	-77.07	0.00976
-62.93	-78.49	0.00915	-61.52	-79.90	0.00864
-60.10	-81.32	0.00819	-58.69	-82.73	0.00780
-56.57	-84.85	0.00726	-53.03	-88.39	0.00650
-49.50	-91.92	0.00587	-42.43	-98.99	0.00485
-35.36	-106.07	0.00407	-28.28	-113.14	0.00346
-21.21	-120.21	0.00298	-14.14	-127.28	0.00259
-7.07	-134.35	0.00227	0.00	-141.42	0.00200

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

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

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00314	-127.28	0.00	0.00360
-120.21	-7.07	0.00414	-113.14	-14.14	0.00478
-106.07	-21.21	0.00555	-98.99	-28.28	0.00648
-91.92	-35.36	0.00762	-84.85	-42.43	0.00901
-81.32	-45.96	0.00982	-77.78	-49.50	0.01072
-75.66	-51.62	0.01131	-74.25	-53.03	0.01173
-72.83	-54.45	0.01218	-71.42	-55.86	0.01266
-70.00	-57.28	0.01321	-57.28	-70.00	0.00979
-55.86	-71.42	0.00918	-54.45	-72.83	0.00867
-53.03	-74.25	0.00822	-51.62	-75.66	0.00782
-49.50	-77.78	0.00729	-45.96	-81.32	0.00653
-42.43	-84.85	0.00589	-35.36	-91.92	0.00486
-28.28	-98.99	0.00408	-21.21	-106.07	0.00347
-14.14	-113.14	0.00299	-7.07	-120.21	0.00259
0.00	-127.28	0.00227	7.07	-134.35	0.00200
-127.28	14.14	0.00320	-120.21	7.07	0.00366
-113.14	0.00	0.00419	-106.07	-7.07	0.00483
-98.99	-14.14	0.00560	-91.92	-21.21	0.00653
-84.85	-28.28	0.00767	-77.78	-35.36	0.00906
-74.25	-38.89	0.00987	-70.71	-42.43	0.01076
-68.59	-44.55	0.01135	-67.18	-45.96	0.01177
-65.76	-47.38	0.01222	-64.35	-48.79	0.01270
-62.93	-50.20	0.01324	-50.20	-62.93	0.00982
-48.79	-64.35	0.00921	-47.38	-65.76	0.00870
-45.96	-67.18	0.00825	-44.55	-68.59	0.00785
-42.43	-70.71	0.00731	-38.89	-74.25	0.00654
-35.36	-77.78	0.00590	-28.28	-84.85	0.00487
-21.21	-91.92	0.00409	-14.14	-98.99	0.00348
-7.07	-106.07	0.00299	0.00	-113.14	0.00259
7.07	-120.21	0.00227	14.14	-127.28	0.00200
-120.21	21.21	0.00325	-113.14	14.14	0.00370
-106.07	7.07	0.00424	-98.99	0.00	0.00487
-91.92	-7.07	0.00564	-84.85	-14.14	0.00657
-77.78	-21.21	0.00770	-70.71	-28.28	0.00909
-67.18	-31.82	0.00989	-63.64	-35.36	0.01080
-61.52	-37.48	0.01138	-60.10	-38.89	0.01180
-58.69	-40.31	0.01224	-57.28	-41.72	0.01272
-55.86	-43.13	0.01326	-43.13	-55.86	0.00984
-41.72	-57.28	0.00922	-40.31	-58.69	0.00871
-38.89	-60.10	0.00826	-37.48	-61.52	0.00786

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00732	-31.82	-67.18	0.00655
-28.28	-70.71	0.00591	-21.21	-77.78	0.00488
-14.14	-84.85	0.00409	-7.07	-91.92	0.00348
0.00	-98.99	0.00299	7.07	-106.07	0.00259
14.14	-113.14	0.00226	21.21	-120.21	0.00199
-113.14	28.28	0.00329	-106.07	21.21	0.00374
-98.99	14.14	0.00427	-91.92	7.07	0.00491
-84.85	0.00	0.00567	-77.78	-7.07	0.00660
-70.71	-14.14	0.00773	-63.64	-21.21	0.00911
-60.10	-24.75	0.00992	-56.57	-28.28	0.01082
-54.45	-30.41	0.01141	-53.03	-31.82	0.01182
-51.62	-33.23	0.01226	-50.20	-34.65	0.01274
-48.79	-36.06	0.01328	-36.06	-48.79	0.00986
-34.65	-50.20	0.00924	-33.23	-51.62	0.00872
-31.82	-53.03	0.00827	-30.41	-54.45	0.00787
-28.28	-56.57	0.00733	-24.75	-60.10	0.00656
-21.21	-63.64	0.00591	-14.14	-70.71	0.00488
-7.07	-77.78	0.00409	0.00	-84.85	0.00347
7.07	-91.92	0.00298	14.14	-98.99	0.00258
21.21	-106.07	0.00226	28.28	-113.14	0.00198
-106.07	35.36	0.00332	-98.99	28.28	0.00376
-91.92	21.21	0.00430	-84.85	14.14	0.00493
-77.78	7.07	0.00569	-70.71	0.00	0.00661
-63.64	-7.07	0.00774	-56.57	-14.14	0.00912
-53.03	-17.68	0.00994	-49.50	-21.21	0.01083
-47.38	-23.33	0.01141	-45.96	-24.75	0.01183
-44.55	-26.16	0.01227	-43.13	-27.58	0.01277
-41.72	-28.99	0.01333	-28.99	-41.72	0.00987
-27.58	-43.13	0.00925	-26.16	-44.55	0.00872
-24.75	-45.96	0.00827	-23.33	-47.38	0.00787
-21.21	-49.50	0.00733	-17.68	-53.03	0.00656
-14.14	-56.57	0.00591	-7.07	-63.64	0.00488
0.00	-70.71	0.00408	7.07	-77.78	0.00347
14.14	-84.85	0.00297	21.21	-91.92	0.00257

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-98.99	0.00225	35.36	-106.07	0.00197
-98.99	42.43	0.00334	-91.92	35.36	0.00378
-84.85	28.28	0.00431	-77.78	21.21	0.00494
-70.71	14.14	0.00570	-63.64	7.07	0.00663
-56.57	0.00	0.00775	-49.50	-7.07	0.00914
-45.96	-10.61	0.00994	-42.43	-14.14	0.01083

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

18:03:23  
 \*\*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	0.01142	-38.89	-17.68	0.01183
-37.48	-19.09	0.01227	-36.06	-20.51	0.01277
-34.65	-21.92	0.01333	-21.92	-34.65	0.00986
-20.51	-36.06	0.00924	-19.09	-37.48	0.00872
-17.68	-38.89	0.00827	-16.26	-40.31	0.00786
-14.14	-42.43	0.00732	-10.61	-45.96	0.00655
-7.07	-49.50	0.00590	0.00	-56.57	0.00487
7.07	-63.64	0.00408	14.14	-70.71	0.00346
21.21	-77.78	0.00296	28.28	-84.85	0.00256
35.36	-91.92	0.00223	42.43	-98.99	0.00196
-91.92	49.50	0.00335	-84.85	42.43	0.00380
-77.78	35.36	0.00432	-70.71	28.28	0.00495
-63.64	21.21	0.00571	-56.57	14.14	0.00663
-49.50	7.07	0.00776	-42.43	0.00	0.00914
-38.89	-3.54	0.00995	-35.36	-7.07	0.01083
-33.23	-9.19	0.01142	-31.82	-10.61	0.01183
-30.41	-12.02	0.01227	-28.99	-13.44	0.01276
-27.58	-14.85	0.01331	-14.85	-27.58	0.00984
-13.44	-28.99	0.00922	-12.02	-30.41	0.00871
-10.61	-31.82	0.00826	-9.19	-33.23	0.00786
-7.07	-35.36	0.00731	-3.54	-38.89	0.00654
0.00	-42.43	0.00589	7.07	-49.50	0.00486
14.14	-56.57	0.00406	21.21	-63.64	0.00344
28.28	-70.71	0.00295	35.36	-77.78	0.00255
42.43	-84.85	0.00222	49.50	-91.92	0.00194
-84.85	56.57	0.00336	-77.78	49.50	0.00380
-70.71	42.43	0.00432	-63.64	35.36	0.00495
-56.57	28.28	0.00571	-49.50	21.21	0.00663

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	14.14	0.00776	-35.36	7.07	0.00913
-31.82	3.54	0.00993	-28.28	0.00	0.01082
-26.16	-2.12	0.01141	-24.75	-3.54	0.01182
-23.33	-4.95	0.01226	-21.92	-6.36	0.01274
-20.51	-7.78	0.01329	-7.78	-20.51	0.00982
-6.36	-21.92	0.00920	-4.95	-23.33	0.00869
-3.54	-24.75	0.00824	-2.12	-26.16	0.00784
0.00	-28.28	0.00730	3.54	-31.82	0.00653
7.07	-35.36	0.00588	14.14	-42.43	0.00484
21.21	-49.50	0.00405	28.28	-56.57	0.00342
35.36	-63.64	0.00293	42.43	-70.71	0.00253
49.50	-77.78	0.00220	56.57	-84.85	0.00192

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00336	-70.71	56.57	0.00380
-63.64	49.50	0.00432	-56.57	42.43	0.00495
-49.50	35.36	0.00570	-42.43	28.28	0.00662
-35.36	21.21	0.00775	-28.28	14.14	0.00912
-24.75	10.61	0.00992	-21.21	7.07	0.01081
-19.09	4.95	0.01139	-17.68	3.54	0.01180
-16.26	2.12	0.01224	-14.85	0.71	0.01272
-13.44	-0.71	0.01327	-0.71	-13.44	0.00980
0.71	-14.85	0.00919	2.12	-16.26	0.00867
3.54	-17.68	0.00822	4.95	-19.09	0.00782
7.07	-21.21	0.00728	10.61	-24.75	0.00651
14.14	-28.28	0.00586	21.21	-35.36	0.00482
28.28	-42.43	0.00403	35.36	-49.50	0.00340
42.43	-56.57	0.00291	49.50	-63.64	0.00250
56.57	-70.71	0.00217	63.64	-77.78	0.00190
-70.71	70.71	0.00336	-63.64	63.64	0.00379
-56.57	56.57	0.00432	-49.50	49.50	0.00494
-42.43	42.43	0.00569	-35.36	35.36	0.00661
-28.28	28.28	0.00773	-21.21	21.21	0.00911
-17.68	17.68	0.00990	-14.14	14.14	0.01079
-12.02	12.02	0.01137	-10.61	10.61	0.01178
-9.19	9.19	0.01222	-7.78	7.78	0.01270

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-6.36	6.36	0.01324	6.36	-6.36	0.00978
7.78	-7.78	0.00916	9.19	-9.19	0.00865
10.61	-10.61	0.00819	12.02	-12.02	0.00779
14.14	-14.14	0.00725	17.68	-17.68	0.00648
21.21	-21.21	0.00583	28.28	-28.28	0.00480
35.36	-35.36	0.00400	42.43	-42.43	0.00338
49.50	-49.50	0.00288	56.57	-56.57	0.00248
63.64	-63.64	0.00215	70.71	-70.71	0.00187
-63.64	77.78	0.00335	-56.57	70.71	0.00378
-49.50	63.64	0.00430	-42.43	56.57	0.00492
-35.36	49.50	0.00567	-28.28	42.43	0.00659
-21.21	35.36	0.00771	-14.14	28.28	0.00908
-10.61	24.75	0.00988	-7.07	21.21	0.01076
-4.95	19.09	0.01134	-3.54	17.68	0.01176
-2.12	16.26	0.01220	-0.71	14.85	0.01267
0.71	13.44	0.01321	13.44	0.71	0.00975
14.85	-0.71	0.00913	16.26	-2.12	0.00861
17.68	-3.54	0.00816	19.09	-4.95	0.00776

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00722	24.75	-10.61	0.00645
28.28	-14.14	0.00580	35.36	-21.21	0.00476
42.43	-28.28	0.00397	49.50	-35.36	0.00335
56.57	-42.43	0.00285	63.64	-49.50	0.00245
70.71	-56.57	0.00212	77.78	-63.64	0.00185
-56.57	84.85	0.00334	-49.50	77.78	0.00377
-42.43	70.71	0.00428	-35.36	63.64	0.00490
-28.28	56.57	0.00565	-21.21	49.50	0.00656
-14.14	42.43	0.00768	-7.07	35.36	0.00905
-3.54	31.82	0.00984	0.00	28.28	0.01073
2.12	26.16	0.01131	3.54	24.75	0.01172
4.95	23.33	0.01216	6.36	21.92	0.01263
7.78	20.51	0.01317	20.51	7.78	0.00971
21.92	6.36	0.00909	23.33	4.95	0.00858
24.75	3.54	0.00813	26.16	2.12	0.00772
28.28	0.00	0.00718	31.82	-3.54	0.00641

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-7.07	0.00577	42.43	-14.14	0.00473
49.50	-21.21	0.00394	56.57	-28.28	0.00331
63.64	-35.36	0.00282	70.71	-42.43	0.00242
77.78	-49.50	0.00209	84.85	-56.57	0.00181
-49.50	91.92	0.00332	-42.43	84.85	0.00375
-35.36	77.78	0.00426	-28.28	70.71	0.00488
-21.21	63.64	0.00562	-14.14	56.57	0.00653
-7.07	49.50	0.00765	0.00	42.43	0.00900
3.54	38.89	0.00981	7.07	35.36	0.01069
9.19	33.23	0.01127	10.61	31.82	0.01168
12.02	30.41	0.01212	13.44	28.99	0.01260
14.85	27.58	0.01313	27.58	14.85	0.00967
28.99	13.44	0.00905	30.41	12.02	0.00853
31.82	10.61	0.00808	33.23	9.19	0.00768
35.36	7.07	0.00714	38.89	3.54	0.00637
42.43	0.00	0.00572	49.50	-7.07	0.00469
56.57	-14.14	0.00390	63.64	-21.21	0.00328
70.71	-28.28	0.00278	77.78	-35.36	0.00238
84.85	-42.43	0.00205	91.92	-49.50	0.00178
-42.43	98.99	0.00330	-35.36	91.92	0.00372
-28.28	84.85	0.00423	-21.21	77.78	0.00484
-14.14	70.71	0.00559	-7.07	63.64	0.00649
0.00	56.57	0.00760	7.07	49.50	0.00896
10.61	45.96	0.00976	14.14	42.43	0.01064

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

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

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\*\*MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01122	17.68	38.89	0.01163
19.09	37.48	0.01207	20.51	36.06	0.01256
21.92	34.65	0.01311	34.65	21.92	0.00963
36.06	20.51	0.00901	37.48	19.09	0.00848
38.89	17.68	0.00803	40.31	16.26	0.00763
42.43	14.14	0.00709	45.96	10.61	0.00632
49.50	7.07	0.00567	56.57	0.00	0.00464
63.64	-7.07	0.00385	70.71	-14.14	0.00323
77.78	-21.21	0.00274	84.85	-28.28	0.00234
91.92	-35.36	0.00201	98.99	-42.43	0.00174

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	106.07	0.00327	-28.28	98.99	0.00369
-21.21	91.92	0.00420	-14.14	84.85	0.00481
-7.07	77.78	0.00555	0.00	70.71	0.00645
7.07	63.64	0.00755	14.14	56.57	0.00891
17.68	53.03	0.00970	21.21	49.50	0.01058
23.33	47.38	0.01117	24.75	45.96	0.01157
26.16	44.55	0.01201	27.58	43.13	0.01250
28.99	41.72	0.01305	41.72	28.99	0.00956
43.13	27.58	0.00895	44.55	26.16	0.00842
45.96	24.75	0.00797	47.38	23.33	0.00757
49.50	21.21	0.00703	53.03	17.68	0.00626
56.57	14.14	0.00562	63.64	7.07	0.00459
70.71	0.00	0.00380	77.78	-7.07	0.00318
84.85	-14.14	0.00269	91.92	-21.21	0.00229
98.99	-28.28	0.00196	106.07	-35.36	0.00170
-28.28	113.14	0.00324	-21.21	106.07	0.00366
-14.14	98.99	0.00416	-7.07	91.92	0.00476
0.00	84.85	0.00550	7.07	77.78	0.00640
14.14	70.71	0.00750	21.21	63.64	0.00886
24.75	60.10	0.00965	28.28	56.57	0.01052
30.41	54.45	0.01110	31.82	53.03	0.01151
33.23	51.62	0.01194	34.65	50.20	0.01242
36.06	48.79	0.01297	48.79	36.06	0.00948
50.20	34.65	0.00887	51.62	33.23	0.00835
53.03	31.82	0.00790	54.45	30.41	0.00750
56.57	28.28	0.00697	60.10	24.75	0.00620
63.64	21.21	0.00556	70.71	14.14	0.00453
77.78	7.07	0.00374	84.85	0.00	0.00313
91.92	-7.07	0.00263	98.99	-14.14	0.00224
106.07	-21.21	0.00191	113.14	-28.28	0.00165

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

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 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00321	-14.14	113.14	0.00362
-7.07	106.07	0.00411	0.00	98.99	0.00471
7.07	91.92	0.00544	14.14	84.85	0.00634
21.21	77.78	0.00743	28.28	70.71	0.00878

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

31.82	67.18	0.00957	35.36	63.64	0.01044
37.48	61.52	0.01102	38.89	60.10	0.01143
40.31	58.69	0.01186	41.72	57.28	0.01233
43.13	55.86	0.01288	55.86	43.13	0.00940
57.28	41.72	0.00878	58.69	40.31	0.00827
60.10	38.89	0.00783	61.52	37.48	0.00742
63.64	35.36	0.00689	67.18	31.82	0.00613
70.71	28.28	0.00549	77.78	21.21	0.00446
84.85	14.14	0.00368	91.92	7.07	0.00306
98.99	0.00	0.00257	106.07	-7.07	0.00218
113.14	-14.14	0.00186	120.21	-21.21	0.00160
-14.14	127.28	0.00317	-7.07	120.21	0.00357
0.00	113.14	0.00406	7.07	106.07	0.00465
14.14	98.99	0.00538	21.21	91.92	0.00627
28.28	84.85	0.00736	35.36	77.78	0.00870
38.89	74.25	0.00949	42.43	70.71	0.01036
44.55	68.59	0.01093	45.96	67.18	0.01133
47.38	65.76	0.01177	48.79	64.35	0.01224
50.20	62.93	0.01278	62.93	50.20	0.00930
64.35	48.79	0.00869	65.76	47.38	0.00818
67.18	45.96	0.00774	68.59	44.55	0.00734
70.71	42.43	0.00680	74.25	38.89	0.00604
77.78	35.36	0.00541	84.85	28.28	0.00439
91.92	21.21	0.00360	98.99	14.14	0.00299
106.07	7.07	0.00250	113.14	0.00	0.00211
120.21	-7.07	0.00180	127.28	-14.14	0.00154
-7.07	134.35	0.00313	0.00	127.28	0.00353
7.07	120.21	0.00401	14.14	113.14	0.00459
21.21	106.07	0.00531	28.28	98.99	0.00619
35.36	91.92	0.00727	42.43	84.85	0.00861
45.96	81.32	0.00939	49.50	77.78	0.01026
51.62	75.66	0.01082	53.03	74.25	0.01123
54.45	72.83	0.01167	55.86	71.42	0.01214
57.28	70.00	0.01268	70.00	57.28	0.00920
71.42	55.86	0.00859	72.83	54.45	0.00808
74.25	53.03	0.00763	75.66	51.62	0.00724

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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



13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00671	81.32	45.96	0.00595
84.85	42.43	0.00532	91.92	35.36	0.00430
98.99	28.28	0.00352	106.07	21.21	0.00291
113.14	14.14	0.00243	120.21	7.07	0.00204
127.28	0.00	0.00173	134.35	-7.07	0.00148
0.00	141.42	0.00309	7.07	134.35	0.00347
14.14	127.28	0.00394	21.21	120.21	0.00452
28.28	113.14	0.00522	35.36	106.07	0.00610
42.43	98.99	0.00717	49.50	91.92	0.00850
53.03	88.39	0.00928	56.57	84.85	0.01014
58.69	82.73	0.01071	60.10	81.32	0.01112
61.52	79.90	0.01155	62.93	78.49	0.01202
64.35	77.07	0.01255	77.07	64.35	0.00909
78.49	62.93	0.00847	79.90	61.52	0.00797
81.32	60.10	0.00752	82.73	58.69	0.00712
84.85	56.57	0.00659	88.39	53.03	0.00584
91.92	49.50	0.00521	98.99	42.43	0.00420
106.07	35.36	0.00342	113.14	28.28	0.00282
120.21	21.21	0.00234	127.28	14.14	0.00196
134.35	7.07	0.00166	141.42	0.00	0.00142
7.07	148.49	0.00304	14.14	141.42	0.00342
21.21	134.35	0.00388	28.28	127.28	0.00444
35.36	120.21	0.00513	42.43	113.14	0.00599
49.50	106.07	0.00706	56.57	98.99	0.00838
60.10	95.46	0.00915	63.64	91.92	0.01001
65.76	89.80	0.01058	67.18	88.39	0.01098
68.59	86.97	0.01141	70.00	85.56	0.01188
71.42	84.15	0.01241	84.15	71.42	0.00895
85.56	70.00	0.00834	86.97	68.59	0.00783
88.39	67.18	0.00739	89.80	65.76	0.00699
91.92	63.64	0.00646	95.46	60.10	0.00572
98.99	56.57	0.00509	106.07	49.50	0.00408
113.14	42.43	0.00331	120.21	35.36	0.00272
127.28	28.28	0.00225	134.35	21.21	0.00188
141.42	14.14	0.00159	148.49	7.07	0.00135
14.14	155.56	0.00300	21.21	148.49	0.00336
28.28	141.42	0.00381	35.36	134.35	0.00435
42.43	127.28	0.00503	49.50	120.21	0.00588
56.57	113.14	0.00693	63.64	106.07	0.00823
67.18	102.53	0.00900	70.71	98.99	0.00986

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

\*\*\*

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

\*\*\*

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 \*\*MODELOPTs:  
 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	
72.83	96.87	0.01043	74.25	95.46	0.01083	
75.66	94.05	0.01125	77.07	92.63	0.01172	
78.49	91.22	0.01225	91.22	78.49	0.00880	
92.63	77.07	0.00818	94.05	75.66	0.00767	
95.46	74.25	0.00723	96.87	72.83	0.00684	
98.99	70.71	0.00632	102.53	67.18	0.00558	
106.07	63.64	0.00495	113.14	56.57	0.00395	
120.21	49.50	0.00319	127.28	42.43	0.00260	
134.35	35.36	0.00214	141.42	28.28	0.00179	
148.49	21.21	0.00150	155.56	14.14	0.00128	
21.21	162.63	0.00295	28.28	155.56	0.00330	
35.36	148.49	0.00373	42.43	141.42	0.00426	
49.50	134.35	0.00492	56.57	127.28	0.00575	
63.64	120.21	0.00678	70.71	113.14	0.00807	
74.25	109.60	0.00883	77.78	106.07	0.00968	
79.90	103.94	0.01024	81.32	102.53	0.01064	
82.73	101.12	0.01106	84.15	99.70	0.01155	
85.56	98.29	0.01209	98.29	85.56	0.00861	
99.70	84.15	0.00801	101.12	82.73	0.00749	
102.53	81.32	0.00705	103.94	79.90	0.00667	
106.07	77.78	0.00614	109.60	74.25	0.00541	
113.14	70.71	0.00479	120.21	63.64	0.00380	
127.28	56.57	0.00305	134.35	49.50	0.00247	
141.42	42.43	0.00203	148.49	35.36	0.00169	
155.56	28.28	0.00142	162.63	21.21	0.00121	
28.28	169.71	0.00290	35.36	162.63	0.00324	
42.43	155.56	0.00366	49.50	148.49	0.00417	
56.57	141.42	0.00480	63.64	134.35	0.00560	
70.71	127.28	0.00661	77.78	120.21	0.00788	
81.32	116.67	0.00863	84.85	113.14	0.00947	
86.97	111.02	0.01003	88.39	109.60	0.01042	
89.80	108.19	0.01084	91.22	106.77	0.01132	
92.63	105.36	0.01186	105.36	92.63	0.00838	
106.77	91.22	0.00779	108.19	89.80	0.00728	
109.60	88.39	0.00685	111.02	86.97	0.00646	
113.14	84.85	0.00595	116.67	81.32	0.00522	

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	77.78	0.00460	127.28	70.71	0.00362
134.35	63.64	0.00289	141.42	56.57	0.00233
148.49	49.50	0.00191	155.56	42.43	0.00158
162.63	35.36	0.00133	169.71	28.28	0.00114

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00285	42.43	169.71	0.00318
49.50	162.63	0.00358	56.57	155.56	0.00407
63.64	148.49	0.00468	70.71	141.42	0.00545
77.78	134.35	0.00643	84.85	127.28	0.00767
88.39	123.74	0.00840	91.92	120.21	0.00923
94.05	118.09	0.00978	95.46	116.67	0.01017
96.87	115.26	0.01058	98.29	113.84	0.01105
99.70	112.43	0.01158	112.43	99.70	0.00811
113.84	98.29	0.00752	115.26	96.87	0.00703
116.67	95.46	0.00660	118.09	94.05	0.00622
120.21	91.92	0.00571	123.74	88.39	0.00499
127.28	84.85	0.00438	134.35	77.78	0.00342
141.42	70.71	0.00270	148.49	63.64	0.00217
155.56	56.57	0.00178	162.63	49.50	0.00148
169.71	42.43	0.00125	176.78	35.36	0.00107
42.43	183.85	0.00279	49.50	176.78	0.00311
56.57	169.71	0.00350	63.64	162.63	0.00397
70.71	155.56	0.00455	77.78	148.49	0.00528
84.85	141.42	0.00621	91.92	134.35	0.00741
95.46	130.81	0.00813	98.99	127.28	0.00894
101.12	125.16	0.00948	102.53	123.74	0.00986
103.94	122.33	0.01027	105.36	120.92	0.01072
106.77	119.50	0.01125	119.50	106.77	0.00780
120.92	105.36	0.00721	122.33	103.94	0.00673
123.74	102.53	0.00631	125.16	101.12	0.00593
127.28	98.99	0.00543	130.81	95.46	0.00472
134.35	91.92	0.00412	141.42	84.85	0.00318
148.49	77.78	0.00250	155.56	70.71	0.00200
162.63	63.64	0.00164	169.71	56.57	0.00137
176.78	49.50	0.00116	183.85	42.43	0.00100

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	190.92	0.00274	56.57	183.85	0.00305
63.64	176.78	0.00342	70.71	169.71	0.00387
77.78	162.63	0.00442	84.85	155.56	0.00511
91.92	148.49	0.00599	98.99	141.42	0.00713
102.53	137.89	0.00782	106.07	134.35	0.00860
108.19	132.23	0.00912	109.60	130.81	0.00950
111.02	129.40	0.00990	112.43	127.99	0.01035
113.84	126.57	0.01086	126.57	113.84	0.00743
127.99	112.43	0.00685	129.40	111.02	0.00637
130.81	109.60	0.00596	132.23	108.19	0.00559

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00509	137.89	102.53	0.00439
141.42	98.99	0.00381	148.49	91.92	0.00291
155.56	84.85	0.00228	162.63	77.78	0.00183
169.71	70.71	0.00151	176.78	63.64	0.00127
183.85	56.57	0.00108	190.92	49.50	0.00094
56.57	197.99	0.00269	63.64	190.92	0.00299
70.71	183.85	0.00334	77.78	176.78	0.00377
84.85	169.71	0.00429	91.92	162.63	0.00494
98.99	155.56	0.00575	106.07	148.49	0.00681
109.60	144.96	0.00745	113.14	141.42	0.00820
115.26	139.30	0.00870	116.67	137.89	0.00907
118.09	136.47	0.00946	119.50	135.06	0.00990
120.92	133.64	0.01040	133.64	120.92	0.00698
135.06	119.50	0.00641	136.47	118.09	0.00595
137.89	116.67	0.00553	139.30	115.26	0.00517
141.42	113.14	0.00469	144.96	109.60	0.00400
148.49	106.07	0.00345	155.56	98.99	0.00262
162.63	91.92	0.00206	169.71	84.85	0.00167
176.78	77.78	0.00138	183.85	70.71	0.00117
190.92	63.64	0.00101	197.99	56.57	0.00087
63.64	205.06	0.00265	70.71	197.99	0.00293
77.78	190.92	0.00326	84.85	183.85	0.00367
91.92	176.78	0.00416	98.99	169.71	0.00477
106.07	162.63	0.00552	113.14	155.56	0.00648

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

116.67	152.03	0.00706	120.21	148.49	0.00775
122.33	146.37	0.00822	123.74	144.96	0.00857
125.16	143.54	0.00895	126.57	142.13	0.00936
127.99	140.71	0.00984	140.71	127.99	0.00645
142.13	126.57	0.00589	143.54	125.16	0.00543
144.96	123.74	0.00502	146.37	122.33	0.00467
148.49	120.21	0.00420	152.03	116.67	0.00355
155.56	113.14	0.00304	162.63	106.07	0.00232
169.71	98.99	0.00184	176.78	91.92	0.00151
183.85	84.85	0.00127	190.92	77.78	0.00108
197.99	70.71	0.00093	205.06	63.64	0.00081
70.71	212.13	0.00261	77.78	205.06	0.00288
84.85	197.99	0.00320	91.92	190.92	0.00358
98.99	183.85	0.00404	106.07	176.78	0.00461
113.14	169.71	0.00530	120.21	162.63	0.00616
123.74	159.10	0.00667	127.28	155.56	0.00727

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00769	130.81	152.03	0.00800
132.23	150.61	0.00834	133.64	149.20	0.00872
135.06	147.79	0.00918	147.79	135.06	0.00579
149.20	133.64	0.00524	150.61	132.23	0.00479
152.03	130.81	0.00440	153.44	129.40	0.00406
155.56	127.28	0.00362	159.10	123.74	0.00305
162.63	120.21	0.00263	169.71	113.14	0.00204
176.78	106.07	0.00165	183.85	98.99	0.00137
190.92	91.92	0.00116	197.99	84.85	0.00099
205.06	77.78	0.00087	212.13	70.71	0.00076
77.78	219.20	0.00256	84.85	212.13	0.00283
91.92	205.06	0.00313	98.99	197.99	0.00350
106.07	190.92	0.00394	113.14	183.85	0.00447
120.21	176.78	0.00511	127.28	169.71	0.00588
130.81	166.17	0.00632	134.35	162.63	0.00683
136.47	160.51	0.00716	137.89	159.10	0.00741
139.30	157.68	0.00768	140.71	156.27	0.00800
142.13	154.86	0.00840	154.86	142.13	0.00496

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

156.27	140.71	0.00443	157.68	139.30	0.00402
159.10	137.89	0.00368	160.51	136.47	0.00339
162.63	134.35	0.00304	166.17	130.81	0.00260
169.71	127.28	0.00227	176.78	120.21	0.00180
183.85	113.14	0.00148	190.92	106.07	0.00124
197.99	98.99	0.00106	205.06	91.92	0.00092
212.13	84.85	0.00081	219.20	77.78	0.00071
84.85	226.27	0.00252	91.92	219.20	0.00277
98.99	212.13	0.00307	106.07	205.06	0.00342
113.14	197.99	0.00384	120.21	190.92	0.00435
127.28	183.85	0.00495	134.35	176.78	0.00566
137.89	173.24	0.00607	141.42	169.71	0.00649
143.54	167.58	0.00676	144.96	166.17	0.00695
146.37	164.76	0.00714	147.79	163.34	0.00736
149.20	161.93	0.00761	161.93	149.20	0.00397
163.34	147.79	0.00359	164.76	146.37	0.00330
166.17	144.96	0.00306	167.58	143.54	0.00286
169.71	141.42	0.00261	173.24	137.89	0.00227
176.78	134.35	0.00200	183.85	127.28	0.00162
190.92	120.21	0.00135	197.99	113.14	0.00114
205.06	106.07	0.00098	212.13	98.99	0.00086
219.20	91.92	0.00076	226.27	84.85	0.00067

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00246	98.99	226.27	0.00271
106.07	219.20	0.00299	113.14	212.13	0.00332
120.21	205.06	0.00372	127.28	197.99	0.00420
134.35	190.92	0.00476	141.42	183.85	0.00541
144.96	180.31	0.00577	148.49	176.78	0.00613
150.61	174.66	0.00633	152.03	173.24	0.00645
153.44	171.83	0.00656	154.86	170.41	0.00663
156.27	169.00	0.00662	169.00	156.27	0.00344
170.41	154.86	0.00318	171.83	153.44	0.00295
173.24	152.03	0.00275	174.66	150.61	0.00258
176.78	148.49	0.00236	180.31	144.96	0.00207
183.85	141.42	0.00183	190.92	134.35	0.00149

13NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

197.99	127.28	0.00125	205.06	120.21	0.00106
212.13	113.14	0.00092	219.20	106.07	0.00081
226.27	98.99	0.00071	233.35	91.92	0.00064
98.99	240.42	0.00240	106.07	233.35	0.00263
113.14	226.27	0.00289	120.21	219.20	0.00320
127.28	212.13	0.00356	134.35	205.06	0.00398
141.42	197.99	0.00444	148.49	190.92	0.00488
152.03	187.38	0.00502	155.56	183.85	0.00505
157.68	181.73	0.00499	159.10	180.31	0.00492
160.51	178.90	0.00483	161.93	177.48	0.00472
163.34	176.07	0.00461	176.07	163.34	0.00296
177.48	161.93	0.00279	178.90	160.51	0.00263
180.31	159.10	0.00248	181.73	157.68	0.00235
183.85	155.56	0.00217	187.38	152.03	0.00191
190.92	148.49	0.00171	197.99	141.42	0.00139
205.06	134.35	0.00117	212.13	127.28	0.00100
219.20	120.21	0.00087	226.27	113.14	0.00076
233.35	106.07	0.00068	240.42	98.99	0.00061
106.07	247.49	0.00233	113.14	240.42	0.00253
120.21	233.35	0.00277	127.28	226.27	0.00304
134.35	219.20	0.00334	141.42	212.13	0.00365
148.49	205.06	0.00390	155.56	197.99	0.00399
159.10	194.45	0.00393	162.63	190.92	0.00382
164.76	188.80	0.00373	166.17	187.38	0.00367
167.58	185.97	0.00361	169.00	184.55	0.00355
170.41	183.14	0.00348	183.14	170.41	0.00248
184.55	169.00	0.00237	185.97	167.58	0.00226
187.38	166.17	0.00216	188.80	164.76	0.00207

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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
190.92	162.63	0.00194	194.45	159.10	0.00174
197.99	155.56	0.00158	205.06	148.49	0.00131
212.13	141.42	0.00110	219.20	134.35	0.00095
226.27	127.28	0.00083	233.35	120.21	0.00073
240.42	113.14	0.00065	247.49	106.07	0.00058

04/20/08

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 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 0.00818 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00815 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00798 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00785 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00764 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00759 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00759 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00746 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00725 AT (	105.36, 120.92, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00717 AT (	118.09, 136.47, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00818 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00815 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00798 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00785 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00764 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00759 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00759 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00746 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00725 AT (	41.72, 57.28, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00717 AT (	54.45, 72.83, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00818 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00815 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00798 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00785 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00764 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00759 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00759 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00746 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00725 AT (	-21.92, -6.36, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00717 AT (	-9.19, 9.19, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE 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 0.00818 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00816 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00798 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00785 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00764 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00759 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00759 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00746 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00725 AT (	-85.56, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00717 AT (	-72.83, -54.45, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00818 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00816 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00798 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00785 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00764 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00759 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00759 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00746 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA



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	9TH HIGHEST VALUE IS	0.00725 AT (	-149.20,	-133.64,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00717 AT (	-136.47,	-118.09,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01333 AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01333 AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01331 AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01329 AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01328 AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01327 AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01326 AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01324 AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01324 AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01321 AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

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