

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 17:53:18

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\12NCRA\_NAPA95-300\_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	-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
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-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
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RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
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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
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
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RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
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RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	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
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RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2



RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	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
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	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\NAP95300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 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\12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\12NCRA\_NAPA95-300\_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:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

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

\*\*Model Uses URBAN Dispersion.

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

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

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

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

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

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\12NCRA-1.DAT



12NCRA\_NAPA95-300\_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);
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( -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);
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( -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);
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( -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);
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( -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

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

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\*\*\* 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);



12NCRA\_NAPA95-300\_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);

12NCRA\_NAPA95-300\_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);

12NCRA\_NAPA95-300\_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      \*\*\*

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 \*\*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);

12NCRA\_NAPA95-300\_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 \*\*\*

04/20/08

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

17:53:19  
\*\*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);

12NCRA\_NAPA95-300\_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 \*\*\*  
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\*\*\* 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)

12NCRA\_NAPA95-300\_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);

12NCRA\_NAPA95-300\_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 \*\*\*  
 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)

( -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);

12NCRA\_NAPA95-300\_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);



12NCRA\_NAPA95-300\_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 \*\*\* \*\*\* 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)

( -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);

12NCRA\_NAPA95-300\_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 \*\*\*  
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)

( -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);

12NCRA\_NAPA95-300\_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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CONC

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);

12NCRA\_NAPA95-300\_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);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* 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);

12NCRA\_NAPA95-300\_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 \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

17:53:19  
 \*\*MODELOPTs:  
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 CONC

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);

12NCRA\_NAPA95-300\_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 \*\*\*  
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)

( 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);

12NCRA\_NAPA95-300\_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);



12NCRA\_NAPA95-300\_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 \*\*\*

17:53:19  
\*\*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);

12NCRA\_NAPA95-300\_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 \*\*\*  
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

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



12NCRA\_NAPA95-300\_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)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	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	0.00012	-240.42	-113.14	0.00012
-233.35	-120.21	0.00012	-226.27	-127.28	0.00012
-219.20	-134.35	0.00013	-212.13	-141.42	0.00013
-205.06	-148.49	0.00013	-197.99	-155.56	0.00013
-194.45	-159.10	0.00013	-190.92	-162.63	0.00013
-188.80	-164.76	0.00013	-187.38	-166.17	0.00013
-185.97	-167.58	0.00013	-184.55	-169.00	0.00013
-183.14	-170.41	0.00013	-170.41	-183.14	0.00014
-169.00	-184.55	0.00014	-167.58	-185.97	0.00014
-166.17	-187.38	0.00014	-164.76	-188.80	0.00014
-162.63	-190.92	0.00014	-159.10	-194.45	0.00014
-155.56	-197.99	0.00013	-148.49	-205.06	0.00013
-141.42	-212.13	0.00013	-134.35	-219.20	0.00013
-127.28	-226.27	0.00013	-120.21	-233.35	0.00013
-113.14	-240.42	0.00013	-106.07	-247.49	0.00012
-240.42	-98.99	0.00012	-233.35	-106.07	0.00012
-226.27	-113.14	0.00013	-219.20	-120.21	0.00013

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-212.13	-127.28	0.00013	-205.06	-134.35	0.00013
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00014
-181.73	-157.68	0.00014	-180.31	-159.10	0.00014
-178.90	-160.51	0.00014	-177.48	-161.93	0.00014
-176.07	-163.34	0.00014	-163.34	-176.07	0.00014
-161.93	-177.48	0.00014	-160.51	-178.90	0.00014
-159.10	-180.31	0.00014	-157.68	-181.73	0.00014
-155.56	-183.85	0.00014	-152.03	-187.38	0.00014
-148.49	-190.92	0.00014	-141.42	-197.99	0.00014
-134.35	-205.06	0.00014	-127.28	-212.13	0.00014
-120.21	-219.20	0.00014	-113.14	-226.27	0.00013
-106.07	-233.35	0.00013	-98.99	-240.42	0.00013
-233.35	-91.92	0.00012	-226.27	-99.00	0.00013
-219.20	-106.07	0.00013	-212.13	-113.14	0.00013
-205.06	-120.21	0.00014	-197.99	-127.28	0.00014
-190.92	-134.35	0.00014	-183.85	-141.42	0.00014
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00015	-156.27	-169.00	0.00015
-154.86	-170.41	0.00015	-153.44	-171.83	0.00015
-152.03	-173.24	0.00015	-150.61	-174.66	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

\*\*\* 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
-148.49	-176.78	0.00015	-144.96	-180.31	0.00015
-141.42	-183.85	0.00015	-134.35	-190.92	0.00015
-127.28	-197.99	0.00014	-120.21	-205.06	0.00014
-113.14	-212.13	0.00014	-106.07	-219.20	0.00014
-98.99	-226.27	0.00014	-91.92	-233.35	0.00013
-226.27	-84.85	0.00013	-219.20	-91.92	0.00013
-212.13	-99.00	0.00014	-205.06	-106.07	0.00014
-197.99	-113.14	0.00014	-190.92	-120.21	0.00015
-183.85	-127.28	0.00015	-176.78	-134.35	0.00015
-173.24	-137.89	0.00015	-169.71	-141.42	0.00015
-167.58	-143.54	0.00015	-166.17	-144.96	0.00015



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-155.56	0.00017	-123.74	-159.10	0.00017
-120.21	-162.63	0.00017	-113.14	-169.71	0.00017
-106.07	-176.78	0.00017	-98.99	-183.85	0.00016
-91.92	-190.92	0.00016	-84.85	-197.99	0.00016
-77.78	-205.06	0.00015	-70.71	-212.13	0.00015
-205.06	-63.64	0.00015	-197.99	-70.71	0.00015
-190.92	-77.78	0.00015	-183.85	-84.85	0.00016
-176.78	-91.92	0.00016	-169.71	-98.99	0.00017
-162.63	-106.07	0.00017	-155.56	-113.14	0.00017
-152.03	-116.67	0.00017	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00018	-142.13	-126.57	0.00018
-140.71	-127.99	0.00018	-127.99	-140.71	0.00018
-126.57	-142.13	0.00018	-125.16	-143.54	0.00018
-123.74	-144.96	0.00018	-122.33	-146.37	0.00018
-120.21	-148.49	0.00018	-116.67	-152.03	0.00018
-113.14	-155.56	0.00018	-106.07	-162.63	0.00017
-98.99	-169.71	0.00017	-91.92	-176.78	0.00017
-84.85	-183.85	0.00017	-77.78	-190.92	0.00016
-70.71	-197.99	0.00016	-63.64	-205.06	0.00016
-197.99	-56.57	0.00015	-190.92	-63.64	0.00016
-183.85	-70.71	0.00016	-176.78	-77.78	0.00017
-169.71	-84.85	0.00017	-162.63	-91.92	0.00017
-155.56	-98.99	0.00018	-148.49	-106.07	0.00018
-144.96	-109.60	0.00018	-141.42	-113.14	0.00018
-139.30	-115.26	0.00018	-137.89	-116.67	0.00018
-136.47	-118.09	0.00018	-135.06	-119.50	0.00019
-133.64	-120.92	0.00019	-120.92	-133.64	0.00019
-119.50	-135.06	0.00019	-118.09	-136.47	0.00019
-116.67	-137.89	0.00019	-115.26	-139.30	0.00019
-113.14	-141.42	0.00019	-109.60	-144.96	0.00019
-106.07	-148.49	0.00019	-98.99	-155.56	0.00018
-91.92	-162.63	0.00018	-84.85	-169.71	0.00018
-77.78	-176.78	0.00018	-70.71	-183.85	0.00017
-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      \*\*\*  
 17:53:19  
 \*\*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      \*\*

12NCRA NAPA95-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00016	-183.85	-56.57	0.00016
-176.78	-63.64	0.00017	-169.71	-70.71	0.00017
-162.63	-77.78	0.00018	-155.56	-84.85	0.00018
-148.49	-91.92	0.00019	-141.42	-98.99	0.00019
-137.89	-102.53	0.00019	-134.35	-106.07	0.00019
-132.23	-108.19	0.00019	-130.81	-109.60	0.00019
-129.40	-111.02	0.00019	-127.99	-112.43	0.00019
-126.57	-113.84	0.00020	-113.84	-126.57	0.00020
-112.43	-127.99	0.00020	-111.02	-129.40	0.00020
-109.60	-130.81	0.00020	-108.19	-132.23	0.00020
-106.07	-134.35	0.00020	-102.53	-137.89	0.00020
-98.99	-141.42	0.00019	-91.92	-148.49	0.00019
-84.85	-155.56	0.00019	-77.78	-162.63	0.00019
-70.71	-169.71	0.00018	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00017
-183.85	-42.43	0.00017	-176.78	-49.50	0.00017
-169.71	-56.57	0.00018	-162.63	-63.64	0.00018
-155.56	-70.71	0.00019	-148.49	-77.78	0.00019
-141.42	-84.85	0.00020	-134.35	-91.92	0.00020
-130.81	-95.46	0.00020	-127.28	-98.99	0.00020
-125.16	-101.12	0.00020	-123.74	-102.53	0.00020
-122.33	-103.94	0.00021	-120.92	-105.36	0.00021
-119.50	-106.77	0.00021	-106.77	-119.50	0.00021
-105.36	-120.92	0.00021	-103.94	-122.33	0.00021
-102.53	-123.74	0.00021	-101.12	-125.16	0.00021
-98.99	-127.28	0.00021	-95.46	-130.81	0.00021
-91.92	-134.35	0.00021	-84.85	-141.42	0.00020
-77.78	-148.49	0.00020	-70.71	-155.56	0.00020
-63.64	-162.63	0.00019	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00018
-176.78	-35.36	0.00018	-169.71	-42.43	0.00018
-162.63	-49.50	0.00019	-155.56	-56.57	0.00019
-148.49	-63.64	0.00020	-141.42	-70.71	0.00020
-134.35	-77.78	0.00021	-127.28	-84.85	0.00021
-123.74	-88.39	0.00021	-120.21	-91.92	0.00021
-118.09	-94.05	0.00022	-116.67	-95.46	0.00022
-115.26	-96.87	0.00022	-113.84	-98.29	0.00022
-112.43	-99.70	0.00022	-99.70	-112.43	0.00022
-98.29	-113.84	0.00022	-96.87	-115.26	0.00022
-95.46	-116.67	0.00022	-94.05	-118.09	0.00022

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:53:19

\*\*MODELOPTS:



URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00022	-88.39	-123.74	0.00022
-84.85	-127.28	0.00022	-77.78	-134.35	0.00021
-70.71	-141.42	0.00021	-63.64	-148.49	0.00021
-56.57	-155.56	0.00020	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00019
-169.71	-28.28	0.00018	-162.63	-35.36	0.00019
-155.56	-42.43	0.00019	-148.49	-49.50	0.00020
-141.42	-56.57	0.00021	-134.35	-63.64	0.00021
-127.28	-70.71	0.00022	-120.21	-77.78	0.00022
-116.67	-81.32	0.00023	-113.14	-84.85	0.00023
-111.02	-86.97	0.00023	-109.60	-88.39	0.00023
-108.19	-89.80	0.00023	-106.77	-91.22	0.00023
-105.36	-92.63	0.00023	-92.63	-105.36	0.00023
-91.22	-106.77	0.00023	-89.80	-108.19	0.00023
-88.39	-109.60	0.00023	-86.97	-111.02	0.00023
-84.85	-113.14	0.00023	-81.32	-116.67	0.00023
-77.78	-120.21	0.00023	-70.71	-127.28	0.00023
-63.64	-134.35	0.00022	-56.57	-141.42	0.00022
-49.50	-148.49	0.00021	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00020
-162.63	-21.21	0.00019	-155.56	-28.28	0.00020
-148.49	-35.36	0.00020	-141.42	-42.43	0.00021
-134.35	-49.50	0.00022	-127.28	-56.57	0.00022
-120.21	-63.64	0.00023	-113.14	-70.71	0.00024
-109.60	-74.25	0.00024	-106.07	-77.78	0.00024
-103.94	-79.90	0.00024	-102.53	-81.32	0.00024
-101.12	-82.73	0.00024	-99.70	-84.15	0.00024
-98.29	-85.56	0.00024	-85.56	-98.29	0.00024
-84.15	-99.70	0.00024	-82.73	-101.12	0.00024
-81.32	-102.53	0.00024	-79.90	-103.94	0.00024
-77.78	-106.07	0.00024	-74.25	-109.60	0.00024
-70.71	-113.14	0.00024	-63.64	-120.21	0.00024
-56.57	-127.28	0.00024	-49.50	-134.35	0.00023
-42.43	-141.42	0.00023	-35.36	-148.49	0.00022
-28.28	-155.56	0.00022	-21.21	-162.63	0.00021
-155.56	-14.14	0.00020	-148.49	-21.21	0.00021
-141.42	-28.28	0.00022	-134.35	-35.36	0.00022

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-42.43	0.00023	-120.21	-49.50	0.00024
-113.14	-56.57	0.00024	-106.07	-63.64	0.00025
-102.53	-67.18	0.00025	-98.99	-70.71	0.00025

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 28

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00026	-95.46	-74.25	0.00026
-94.05	-75.66	0.00026	-92.63	-77.07	0.00026
-91.22	-78.49	0.00026	-78.49	-91.22	0.00026
-77.07	-92.63	0.00026	-75.66	-94.05	0.00026
-74.25	-95.46	0.00026	-72.83	-96.87	0.00026
-70.71	-98.99	0.00026	-67.18	-102.53	0.00026
-63.64	-106.07	0.00026	-56.57	-113.14	0.00025
-49.50	-120.21	0.00025	-42.43	-127.28	0.00024
-35.36	-134.35	0.00024	-28.28	-141.42	0.00023
-21.21	-148.49	0.00023	-14.14	-155.56	0.00023
-148.49	-7.07	0.00021	-141.42	-14.14	0.00022
-134.35	-21.21	0.00023	-127.28	-28.28	0.00023
-120.21	-35.36	0.00024	-113.14	-42.43	0.00025
-106.07	-49.50	0.00026	-98.99	-56.57	0.00027
-95.46	-60.10	0.00027	-91.92	-63.64	0.00027
-89.80	-65.76	0.00027	-88.39	-67.18	0.00027
-86.97	-68.59	0.00027	-85.56	-70.00	0.00027
-84.15	-71.42	0.00027	-71.42	-84.15	0.00028
-70.00	-85.56	0.00028	-68.59	-86.97	0.00028
-67.18	-88.39	0.00028	-65.76	-89.80	0.00028
-63.64	-91.92	0.00028	-60.10	-95.46	0.00027
-56.57	-98.99	0.00027	-49.50	-106.07	0.00027
-42.43	-113.14	0.00026	-35.36	-120.21	0.00026
-28.28	-127.28	0.00025	-21.21	-134.35	0.00025
-14.14	-141.42	0.00024	-7.07	-148.49	0.00024
-141.42	0.00	0.00022	-134.35	-7.07	0.00023
-127.28	-14.14	0.00024	-120.21	-21.21	0.00025
-113.14	-28.28	0.00026	-106.07	-35.36	0.00027
-98.99	-42.43	0.00028	-91.92	-49.50	0.00028
-88.39	-53.03	0.00029	-84.85	-56.57	0.00029
-82.73	-58.69	0.00029	-81.32	-60.10	0.00029

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-79.90	-61.52	0.00029	-78.49	-62.93	0.00029
-77.07	-64.35	0.00029	-64.35	-77.07	0.00029
-62.93	-78.49	0.00029	-61.52	-79.90	0.00029
-60.10	-81.32	0.00029	-58.69	-82.73	0.00029
-56.57	-84.85	0.00029	-53.03	-88.39	0.00029
-49.50	-91.92	0.00029	-42.43	-98.99	0.00029
-35.36	-106.07	0.00028	-28.28	-113.14	0.00027
-21.21	-120.21	0.00027	-14.14	-127.28	0.00026
-7.07	-134.35	0.00026	0.00	-141.42	0.00025

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

17:53:19  
 \*\*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	0.00024	-127.28	0.00	0.00025
-120.21	-7.07	0.00025	-113.14	-14.14	0.00026
-106.07	-21.21	0.00027	-98.99	-28.28	0.00028
-91.92	-35.36	0.00029	-84.85	-42.43	0.00030
-81.32	-45.96	0.00030	-77.78	-49.50	0.00031
-75.66	-51.62	0.00031	-74.25	-53.03	0.00031
-72.83	-54.45	0.00031	-71.42	-55.86	0.00031
-70.00	-57.28	0.00031	-57.28	-70.00	0.00032
-55.86	-71.42	0.00032	-54.45	-72.83	0.00031
-53.03	-74.25	0.00031	-51.62	-75.66	0.00031
-49.50	-77.78	0.00031	-45.96	-81.32	0.00031
-42.43	-84.85	0.00031	-35.36	-91.92	0.00031
-28.28	-98.99	0.00030	-21.21	-106.07	0.00029
-14.14	-113.14	0.00028	-7.07	-120.21	0.00028
0.00	-127.28	0.00027	7.07	-134.35	0.00027
-127.28	14.14	0.00025	-120.21	7.07	0.00026
-113.14	0.00	0.00027	-106.07	-7.07	0.00028
-98.99	-14.14	0.00029	-91.92	-21.21	0.00030
-84.85	-28.28	0.00031	-77.78	-35.36	0.00032
-74.25	-38.89	0.00033	-70.71	-42.43	0.00033
-68.59	-44.55	0.00033	-67.18	-45.96	0.00033
-65.76	-47.38	0.00033	-64.35	-48.79	0.00033
-62.93	-50.20	0.00033	-50.20	-62.93	0.00034
-48.79	-64.35	0.00034	-47.38	-65.76	0.00034
-45.96	-67.18	0.00034	-44.55	-68.59	0.00034

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-70.71	0.00034	-38.89	-74.25	0.00033
-35.36	-77.78	0.00033	-28.28	-84.85	0.00033
-21.21	-91.92	0.00032	-14.14	-98.99	0.00031
-7.07	-106.07	0.00030	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00029
-120.21	21.21	0.00026	-113.14	14.14	0.00028
-106.07	7.07	0.00029	-98.99	0.00	0.00030
-91.92	-7.07	0.00031	-84.85	-14.14	0.00032
-77.78	-21.21	0.00033	-70.71	-28.28	0.00034
-67.18	-31.82	0.00035	-63.64	-35.36	0.00035
-61.52	-37.48	0.00036	-60.10	-38.89	0.00036
-58.69	-40.31	0.00036	-57.28	-41.72	0.00036
-55.86	-43.13	0.00036	-43.13	-55.86	0.00036
-41.72	-57.28	0.00036	-40.31	-58.69	0.00036
-38.89	-60.10	0.00036	-37.48	-61.52	0.00036

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

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

17:53:19

\*\*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	0.00036	-31.82	-67.18	0.00036
-28.28	-70.71	0.00036	-21.21	-77.78	0.00035
-14.14	-84.85	0.00034	-7.07	-91.92	0.00033
0.00	-98.99	0.00032	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00031
-113.14	28.28	0.00028	-106.07	21.21	0.00029
-98.99	14.14	0.00030	-91.92	7.07	0.00032
-84.85	0.00	0.00033	-77.78	-7.07	0.00034
-70.71	-14.14	0.00036	-63.64	-21.21	0.00037
-60.10	-24.75	0.00038	-56.57	-28.28	0.00038
-54.45	-30.41	0.00038	-53.03	-31.82	0.00038
-51.62	-33.23	0.00039	-50.20	-34.65	0.00039
-48.79	-36.06	0.00039	-36.06	-48.79	0.00039
-34.65	-50.20	0.00039	-33.23	-51.62	0.00039
-31.82	-53.03	0.00039	-30.41	-54.45	0.00039
-28.28	-56.57	0.00039	-24.75	-60.10	0.00039
-21.21	-63.64	0.00038	-14.14	-70.71	0.00037
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00033
-106.07	35.36	0.00029	-98.99	28.28	0.00031
-91.92	21.21	0.00032	-84.85	14.14	0.00034
-77.78	7.07	0.00035	-70.71	0.00	0.00037
-63.64	-7.07	0.00038	-56.57	-14.14	0.00040
-53.03	-17.68	0.00040	-49.50	-21.21	0.00041
-47.38	-23.33	0.00041	-45.96	-24.75	0.00041
-44.55	-26.16	0.00042	-43.13	-27.58	0.00042
-41.72	-28.99	0.00042	-28.99	-41.72	0.00042
-27.58	-43.13	0.00042	-26.16	-44.55	0.00042
-24.75	-45.96	0.00042	-23.33	-47.38	0.00042
-21.21	-49.50	0.00042	-17.68	-53.03	0.00042
-14.14	-56.57	0.00041	-7.07	-63.64	0.00040
0.00	-70.71	0.00039	7.07	-77.78	0.00038
14.14	-84.85	0.00037	21.21	-91.92	0.00037
28.28	-98.99	0.00036	35.36	-106.07	0.00035
-98.99	42.43	0.00031	-91.92	35.36	0.00033
-84.85	28.28	0.00035	-77.78	21.21	0.00036
-70.71	14.14	0.00038	-63.64	7.07	0.00039
-56.57	0.00	0.00041	-49.50	-7.07	0.00043
-45.96	-10.61	0.00044	-42.43	-14.14	0.00044

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	0.00045	-38.89	-17.68	0.00045
-37.48	-19.09	0.00045	-36.06	-20.51	0.00045
-34.65	-21.92	0.00045	-21.92	-34.65	0.00046
-20.51	-36.06	0.00046	-19.09	-37.48	0.00046
-17.68	-38.89	0.00046	-16.26	-40.31	0.00046
-14.14	-42.43	0.00045	-10.61	-45.96	0.00045
-7.07	-49.50	0.00045	0.00	-56.57	0.00044
7.07	-63.64	0.00042	14.14	-70.71	0.00041
21.21	-77.78	0.00040	28.28	-84.85	0.00039
35.36	-91.92	0.00039	42.43	-98.99	0.00038
-91.92	49.50	0.00033	-84.85	42.43	0.00035
-77.78	35.36	0.00037	-70.71	28.28	0.00039
-63.64	21.21	0.00041	-56.57	14.14	0.00042

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	7.07	0.00045	-42.43	0.00	0.00047
-38.89	-3.54	0.00047	-35.36	-7.07	0.00048
-33.23	-9.19	0.00049	-31.82	-10.61	0.00049
-30.41	-12.02	0.00049	-28.99	-13.44	0.00049
-27.58	-14.85	0.00049	-14.85	-27.58	0.00050
-13.44	-28.99	0.00050	-12.02	-30.41	0.00050
-10.61	-31.82	0.00050	-9.19	-33.23	0.00050
-7.07	-35.36	0.00049	-3.54	-38.89	0.00049
0.00	-42.43	0.00048	7.07	-49.50	0.00047
14.14	-56.57	0.00046	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00043
42.43	-84.85	0.00042	49.50	-91.92	0.00041
-84.85	56.57	0.00034	-77.78	49.50	0.00037
-70.71	42.43	0.00039	-63.64	35.36	0.00042
-56.57	28.28	0.00044	-49.50	21.21	0.00046
-42.43	14.14	0.00048	-35.36	7.07	0.00051
-31.82	3.54	0.00052	-28.28	0.00	0.00053
-26.16	-2.12	0.00053	-24.75	-3.54	0.00053
-23.33	-4.95	0.00054	-21.92	-6.36	0.00054
-20.51	-7.78	0.00054	-7.78	-20.51	0.00055
-6.36	-21.92	0.00055	-4.95	-23.33	0.00055
-3.54	-24.75	0.00054	-2.12	-26.16	0.00054
0.00	-28.28	0.00054	3.54	-31.82	0.00053
7.07	-35.36	0.00053	14.14	-42.43	0.00051
21.21	-49.50	0.00050	28.28	-56.57	0.00048
35.36	-63.64	0.00047	42.43	-70.71	0.00046
49.50	-77.78	0.00045	56.57	-84.85	0.00044

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
-77.78	63.64	0.00036	-70.71	56.57	0.00039
-63.64	49.50	0.00042	-56.57	42.43	0.00045
-49.50	35.36	0.00047	-42.43	28.28	0.00050
-35.36	21.21	0.00052	-28.28	14.14	0.00055
-24.75	10.61	0.00056	-21.21	7.07	0.00058
-19.09	4.95	0.00058	-17.68	3.54	0.00058
-16.26	2.12	0.00059	-14.85	0.71	0.00059

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-13.44	-0.71	0.00059	-0.71	-13.44	0.00060
0.71	-14.85	0.00060	2.12	-16.26	0.00060
3.54	-17.68	0.00060	4.95	-19.09	0.00060
7.07	-21.21	0.00059	10.61	-24.75	0.00059
14.14	-28.28	0.00058	21.21	-35.36	0.00056
28.28	-42.43	0.00054	35.36	-49.50	0.00053
42.43	-56.57	0.00052	49.50	-63.64	0.00050
56.57	-70.71	0.00049	63.64	-77.78	0.00047
-70.71	70.71	0.00037	-63.64	63.64	0.00041
-56.57	56.57	0.00045	-49.50	49.50	0.00048
-42.43	42.43	0.00051	-35.36	35.36	0.00054
-28.28	28.28	0.00057	-21.21	21.21	0.00060
-17.68	17.68	0.00062	-14.14	14.14	0.00063
-12.02	12.02	0.00064	-10.61	10.61	0.00064
-9.19	9.19	0.00065	-7.78	7.78	0.00065
-6.36	6.36	0.00065	6.36	-6.36	0.00066
7.78	-7.78	0.00066	9.19	-9.19	0.00066
10.61	-10.61	0.00066	12.02	-12.02	0.00066
14.14	-14.14	0.00065	17.68	-17.68	0.00064
21.21	-21.21	0.00063	28.28	-28.28	0.00061
35.36	-35.36	0.00059	42.43	-42.43	0.00058
49.50	-49.50	0.00057	56.57	-56.57	0.00055
63.64	-63.64	0.00053	70.71	-70.71	0.00050
-63.64	77.78	0.00039	-56.57	70.71	0.00043
-49.50	63.64	0.00048	-42.43	56.57	0.00052
-35.36	49.50	0.00056	-28.28	42.43	0.00059
-21.21	35.36	0.00063	-14.14	28.28	0.00066
-10.61	24.75	0.00068	-7.07	21.21	0.00070
-4.95	19.09	0.00071	-3.54	17.68	0.00071
-2.12	16.26	0.00072	-0.71	14.85	0.00072
0.71	13.44	0.00072	13.44	0.71	0.00074
14.85	-0.71	0.00073	16.26	-2.12	0.00073
17.68	-3.54	0.00073	19.09	-4.95	0.00073

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00072	24.75	-10.61	0.00071

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-14.14	0.00070	35.36	-21.21	0.00068
42.43	-28.28	0.00065	49.50	-35.36	0.00064
56.57	-42.43	0.00062	63.64	-49.50	0.00060
70.71	-56.57	0.00057	77.78	-63.64	0.00053
-56.57	84.85	0.00041	-49.50	77.78	0.00046
-42.43	70.71	0.00051	-35.36	63.64	0.00056
-28.28	56.57	0.00061	-21.21	49.50	0.00065
-14.14	42.43	0.00069	-7.07	35.36	0.00073
-3.54	31.82	0.00075	0.00	28.28	0.00077
2.12	26.16	0.00079	3.54	24.75	0.00079
4.95	23.33	0.00080	6.36	21.92	0.00080
7.78	20.51	0.00081	20.51	7.78	0.00082
21.92	6.36	0.00082	23.33	4.95	0.00082
24.75	3.54	0.00081	26.16	2.12	0.00081
28.28	0.00	0.00080	31.82	-3.54	0.00079
35.36	-7.07	0.00078	42.43	-14.14	0.00075
49.50	-21.21	0.00073	56.57	-28.28	0.00071
63.64	-35.36	0.00068	70.71	-42.43	0.00065
77.78	-49.50	0.00061	84.85	-56.57	0.00056
-49.50	91.92	0.00042	-42.43	84.85	0.00048
-35.36	77.78	0.00054	-28.28	70.71	0.00060
-21.21	63.64	0.00066	-14.14	56.57	0.00071
-7.07	49.50	0.00076	0.00	42.43	0.00081
3.54	38.89	0.00084	7.07	35.36	0.00086
9.19	33.23	0.00088	10.61	31.82	0.00089
12.02	30.41	0.00089	13.44	28.99	0.00090
14.85	27.58	0.00091	27.58	14.85	0.00092
28.99	13.44	0.00092	30.41	12.02	0.00092
31.82	10.61	0.00091	33.23	9.19	0.00091
35.36	7.07	0.00090	38.89	3.54	0.00088
42.43	0.00	0.00087	49.50	-7.07	0.00083
56.57	-14.14	0.00081	63.64	-21.21	0.00078
70.71	-28.28	0.00075	77.78	-35.36	0.00070
84.85	-42.43	0.00064	91.92	-49.50	0.00058
-42.43	98.99	0.00044	-35.36	91.92	0.00050
-28.28	84.85	0.00056	-21.21	77.78	0.00064
-14.14	70.71	0.00071	-7.07	63.64	0.00078
0.00	56.57	0.00084	7.07	49.50	0.00090
10.61	45.96	0.00094	14.14	42.43	0.00097

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:53:19

\*\*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	0.00099	17.68	38.89	0.00100
19.09	37.48	0.00101	20.51	36.06	0.00102
21.92	34.65	0.00102	34.65	21.92	0.00104
36.06	20.51	0.00104	37.48	19.09	0.00104
38.89	17.68	0.00103	40.31	16.26	0.00102
42.43	14.14	0.00101	45.96	10.61	0.00099
49.50	7.07	0.00097	56.57	0.00	0.00094
63.64	-7.07	0.00091	70.71	-14.14	0.00087
77.78	-21.21	0.00082	84.85	-28.28	0.00075
91.92	-35.36	0.00068	98.99	-42.43	0.00060
-35.36	106.07	0.00046	-28.28	98.99	0.00052
-21.21	91.92	0.00059	-14.14	84.85	0.00068
-7.07	77.78	0.00077	0.00	70.71	0.00086
7.07	63.64	0.00094	14.14	56.57	0.00101
17.68	53.03	0.00105	21.21	49.50	0.00109
23.33	47.38	0.00111	24.75	45.96	0.00113
26.16	44.55	0.00114	27.58	43.13	0.00115
28.99	41.72	0.00116	41.72	28.99	0.00119
43.13	27.58	0.00118	44.55	26.16	0.00118
45.96	24.75	0.00117	47.38	23.33	0.00116
49.50	21.21	0.00115	53.03	17.68	0.00112
56.57	14.14	0.00110	63.64	7.07	0.00106
70.71	0.00	0.00102	77.78	-7.07	0.00097
84.85	-14.14	0.00089	91.92	-21.21	0.00080
98.99	-28.28	0.00071	106.07	-35.36	0.00062
-28.28	113.14	0.00047	-21.21	106.07	0.00054
-14.14	98.99	0.00062	-7.07	91.92	0.00072
0.00	84.85	0.00082	7.07	77.78	0.00094
14.14	70.71	0.00105	21.21	63.64	0.00114
24.75	60.10	0.00119	28.28	56.57	0.00124
30.41	54.45	0.00127	31.82	53.03	0.00129
33.23	51.62	0.00130	34.65	50.20	0.00132
36.06	48.79	0.00133	48.79	36.06	0.00137
50.20	34.65	0.00136	51.62	33.23	0.00135
53.03	31.82	0.00134	54.45	30.41	0.00133
56.57	28.28	0.00131	60.10	24.75	0.00128
63.64	21.21	0.00126	70.71	14.14	0.00121
77.78	7.07	0.00115	84.85	0.00	0.00106
91.92	-7.07	0.00096	98.99	-14.14	0.00084

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07 -21.21 0.00073 113.14 -28.28 0.00064

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	0.00049	-14.14	113.14	0.00056
-7.07	106.07	0.00065	0.00	98.99	0.00076
7.07	91.92	0.00088	14.14	84.85	0.00102
21.21	77.78	0.00116	28.28	70.71	0.00129
31.82	67.18	0.00135	35.36	63.64	0.00141
37.48	61.52	0.00145	38.89	60.10	0.00148
40.31	58.69	0.00150	41.72	57.28	0.00152
43.13	55.86	0.00154	55.86	43.13	0.00158
57.28	41.72	0.00157	58.69	40.31	0.00156
60.10	38.89	0.00155	61.52	37.48	0.00153
63.64	35.36	0.00151	67.18	31.82	0.00148
70.71	28.28	0.00145	77.78	21.21	0.00138
84.85	14.14	0.00129	91.92	7.07	0.00116
98.99	0.00	0.00102	106.07	-7.07	0.00088
113.14	-14.14	0.00075	120.21	-21.21	0.00065
-14.14	127.28	0.00050	-7.07	120.21	0.00058
0.00	113.14	0.00068	7.07	106.07	0.00080
14.14	98.99	0.00094	21.21	91.92	0.00110
28.28	84.85	0.00129	35.36	77.78	0.00147
38.89	74.25	0.00155	42.43	70.71	0.00162
44.55	68.59	0.00167	45.96	67.18	0.00170
47.38	65.76	0.00173	48.79	64.35	0.00176
50.20	62.93	0.00179	62.93	50.20	0.00185
64.35	48.79	0.00184	65.76	47.38	0.00182
67.18	45.96	0.00180	68.59	44.55	0.00179
70.71	42.43	0.00176	74.25	38.89	0.00172
77.78	35.36	0.00168	84.85	28.28	0.00158
91.92	21.21	0.00142	98.99	14.14	0.00124
106.07	7.07	0.00107	113.14	0.00	0.00091
120.21	-7.07	0.00077	127.28	-14.14	0.00065
-7.07	134.35	0.00051	0.00	127.28	0.00060
7.07	120.21	0.00070	14.14	113.14	0.00083
21.21	106.07	0.00099	28.28	98.99	0.00119

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	91.92	0.00141	42.43	84.85	0.00165
45.96	81.32	0.00177	49.50	77.78	0.00187
51.62	75.66	0.00194	53.03	74.25	0.00198
54.45	72.83	0.00202	55.86	71.42	0.00206
57.28	70.00	0.00209	70.00	57.28	0.00218
71.42	55.86	0.00216	72.83	54.45	0.00214
74.25	53.03	0.00212	75.66	51.62	0.00210

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
77.78	49.50	0.00207	81.32	45.96	0.00202
84.85	42.43	0.00196	91.92	35.36	0.00178
98.99	28.28	0.00155	106.07	21.21	0.00132
113.14	14.14	0.00111	120.21	7.07	0.00093
127.28	0.00	0.00078	134.35	-7.07	0.00066
0.00	141.42	0.00051	7.07	134.35	0.00060
14.14	127.28	0.00071	21.21	120.21	0.00086
28.28	113.14	0.00104	35.36	106.07	0.00126
42.43	98.99	0.00153	49.50	91.92	0.00183
53.03	88.39	0.00200	56.57	84.85	0.00216
58.69	82.73	0.00225	60.10	81.32	0.00230
61.52	79.90	0.00235	62.93	78.49	0.00241
64.35	77.07	0.00246	77.07	64.35	0.00259
78.49	62.93	0.00256	79.90	61.52	0.00254
81.32	60.10	0.00251	82.73	58.69	0.00249
84.85	56.57	0.00246	88.39	53.03	0.00238
91.92	49.50	0.00226	98.99	42.43	0.00196
106.07	35.36	0.00165	113.14	28.28	0.00137
120.21	21.21	0.00114	127.28	14.14	0.00094
134.35	7.07	0.00079	141.42	0.00	0.00067
7.07	148.49	0.00050	14.14	141.42	0.00060
21.21	134.35	0.00072	28.28	127.28	0.00087
35.36	120.21	0.00106	42.43	113.14	0.00132
49.50	106.07	0.00163	56.57	98.99	0.00201
60.10	95.46	0.00222	63.64	91.92	0.00245
65.76	89.80	0.00258	67.18	88.39	0.00266
68.59	86.97	0.00275	70.00	85.56	0.00282

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

71.42	84.15	0.00290	84.15	71.42	0.00310
85.56	70.00	0.00308	86.97	68.59	0.00305
88.39	67.18	0.00302	89.80	65.76	0.00298
91.92	63.64	0.00290	95.46	60.10	0.00273
98.99	56.57	0.00252	106.07	49.50	0.00211
113.14	42.43	0.00174	120.21	35.36	0.00142
127.28	28.28	0.00116	134.35	21.21	0.00096
141.42	14.14	0.00080	148.49	7.07	0.00067
14.14	155.56	0.00049	21.21	148.49	0.00059
28.28	141.42	0.00071	35.36	134.35	0.00086
42.43	127.28	0.00106	49.50	120.21	0.00134
56.57	113.14	0.00169	63.64	106.07	0.00214
67.18	102.53	0.00241	70.71	98.99	0.00270

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	0.00289	74.25	95.46	0.00302
75.66	94.05	0.00316	77.07	92.63	0.00328
78.49	91.22	0.00341	91.22	78.49	0.00379
92.63	77.07	0.00373	94.05	75.66	0.00366
95.46	74.25	0.00358	96.87	72.83	0.00347
98.99	70.71	0.00330	102.53	67.18	0.00302
106.07	63.64	0.00273	113.14	56.57	0.00223
120.21	49.50	0.00180	127.28	42.43	0.00145
134.35	35.36	0.00117	141.42	28.28	0.00096
148.49	21.21	0.00079	155.56	14.14	0.00067
21.21	162.63	0.00047	28.28	155.56	0.00057
35.36	148.49	0.00069	42.43	141.42	0.00084
49.50	134.35	0.00105	56.57	127.28	0.00132
63.64	120.21	0.00169	70.71	113.14	0.00219
74.25	109.60	0.00249	77.78	106.07	0.00285
79.90	103.94	0.00309	81.32	102.53	0.00327
82.73	101.12	0.00347	84.15	99.70	0.00370
85.56	98.29	0.00395	98.29	85.56	0.00458
99.70	84.15	0.00438	101.12	82.73	0.00419
102.53	81.32	0.00402	103.94	79.90	0.00385
106.07	77.78	0.00361	109.60	74.25	0.00323

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

113.14	70.71	0.00289	120.21	63.64	0.00231
127.28	56.57	0.00183	134.35	49.50	0.00145
141.42	42.43	0.00116	148.49	35.36	0.00094
155.56	28.28	0.00077	162.63	21.21	0.00065
28.28	169.71	0.00046	35.36	162.63	0.00055
42.43	155.56	0.00067	49.50	148.49	0.00082
56.57	141.42	0.00102	63.64	134.35	0.00129
70.71	127.28	0.00168	77.78	120.21	0.00220
81.32	116.67	0.00253	84.85	113.14	0.00293
86.97	111.02	0.00322	88.39	109.60	0.00345
89.80	108.19	0.00372	91.22	106.77	0.00407
92.63	105.36	0.00455	105.36	92.63	0.00497
106.77	91.22	0.00467	108.19	89.80	0.00441
109.60	88.39	0.00419	111.02	86.97	0.00398
113.14	84.85	0.00370	116.67	81.32	0.00328
120.21	77.78	0.00291	127.28	70.71	0.00227
134.35	63.64	0.00177	141.42	56.57	0.00139
148.49	49.50	0.00111	155.56	42.43	0.00090
162.63	35.36	0.00074	169.71	28.28	0.00062

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	0.00044	42.43	169.71	0.00053
49.50	162.63	0.00065	56.57	155.56	0.00081
63.64	148.49	0.00102	70.71	141.42	0.00131
77.78	134.35	0.00175	84.85	127.28	0.00243
88.39	123.74	0.00293	91.92	120.21	0.00362
94.05	118.09	0.00416	95.46	116.67	0.00459
96.87	115.26	0.00507	98.29	113.84	0.00564
99.70	112.43	0.00630	112.43	99.70	0.00521
113.84	98.29	0.00482	115.26	96.87	0.00450
116.67	95.46	0.00424	118.09	94.05	0.00401
120.21	91.92	0.00370	123.74	88.39	0.00325
127.28	84.85	0.00285	134.35	77.78	0.00218
141.42	70.71	0.00167	148.49	63.64	0.00130
155.56	56.57	0.00104	162.63	49.50	0.00084
169.71	42.43	0.00070	176.78	35.36	0.00059

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	183.85	0.00044	49.50	176.78	0.00054
56.57	169.71	0.00066	63.64	162.63	0.00084
70.71	155.56	0.00108	77.78	148.49	0.00144
84.85	141.42	0.00201	91.92	134.35	0.00297
95.46	130.81	0.00368	98.99	127.28	0.00455
101.12	125.16	0.00517	102.53	123.74	0.00562
103.94	122.33	0.00611	105.36	120.92	0.00665
106.77	119.50	0.00727	119.50	106.77	0.00542
120.92	105.36	0.00496	122.33	103.94	0.00459
123.74	102.53	0.00428	125.16	101.12	0.00401
127.28	98.99	0.00366	130.81	95.46	0.00316
134.35	91.92	0.00274	141.42	84.85	0.00206
148.49	77.78	0.00156	155.56	70.71	0.00121
162.63	63.64	0.00097	169.71	56.57	0.00079
176.78	49.50	0.00066	183.85	42.43	0.00055
49.50	190.92	0.00046	56.57	183.85	0.00056
63.64	176.78	0.00071	70.71	169.71	0.00092
77.78	162.63	0.00122	84.85	155.56	0.00167
91.92	148.49	0.00238	98.99	141.42	0.00349
102.53	137.89	0.00424	106.07	134.35	0.00513
108.19	132.23	0.00574	109.60	130.81	0.00617
111.02	129.40	0.00664	112.43	127.99	0.00714
113.84	126.57	0.00772	126.57	113.84	0.00549
127.99	112.43	0.00499	129.40	111.02	0.00459
130.81	109.60	0.00425	132.23	108.19	0.00395

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

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

17:53:19  
 \*\*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	0.00357	137.89	102.53	0.00302
141.42	98.99	0.00257	148.49	91.92	0.00189
155.56	84.85	0.00143	162.63	77.78	0.00112
169.71	70.71	0.00090	176.78	63.64	0.00074
183.85	56.57	0.00061	190.92	49.50	0.00052
56.57	197.99	0.00050	63.64	190.92	0.00062
70.71	183.85	0.00079	77.78	176.78	0.00104
84.85	169.71	0.00140	91.92	162.63	0.00193
98.99	155.56	0.00271	106.07	148.49	0.00383

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

109.60	144.96	0.00455	113.14	141.42	0.00541
115.26	139.30	0.00598	116.67	137.89	0.00639
118.09	136.47	0.00683	119.50	135.06	0.00731
120.92	133.64	0.00785	133.64	120.92	0.00540
135.06	119.50	0.00488	136.47	118.09	0.00447
137.89	116.67	0.00411	139.30	115.26	0.00379
141.42	113.14	0.00338	144.96	109.60	0.00280
148.49	106.07	0.00234	155.56	98.99	0.00170
162.63	91.92	0.00130	169.71	84.85	0.00103
176.78	77.78	0.00083	183.85	70.71	0.00068
190.92	63.64	0.00057	197.99	56.57	0.00048
63.64	205.06	0.00056	70.71	197.99	0.00071
77.78	190.92	0.00090	84.85	183.85	0.00118
91.92	176.78	0.00158	98.99	169.71	0.00215
106.07	162.63	0.00294	113.14	155.56	0.00401
116.67	152.03	0.00468	120.21	148.49	0.00547
122.33	146.37	0.00600	123.74	144.96	0.00639
125.16	143.54	0.00680	126.57	142.13	0.00725
127.99	140.71	0.00776	140.71	127.99	0.00515
142.13	126.57	0.00462	143.54	125.16	0.00420
144.96	123.74	0.00383	146.37	122.33	0.00350
148.49	120.21	0.00307	152.03	116.67	0.00250
155.56	113.14	0.00208	162.63	106.07	0.00151
169.71	98.99	0.00117	176.78	91.92	0.00093
183.85	84.85	0.00075	190.92	77.78	0.00062
197.99	70.71	0.00052	205.06	63.64	0.00044
70.71	212.13	0.00065	77.78	205.06	0.00081
84.85	197.99	0.00103	91.92	190.92	0.00134
98.99	183.85	0.00176	106.07	176.78	0.00232
113.14	169.71	0.00308	120.21	162.63	0.00408
123.74	159.10	0.00469	127.28	155.56	0.00540

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

17:53:19  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00587	130.81	152.03	0.00622
132.23	150.61	0.00659	133.64	149.20	0.00701
135.06	147.79	0.00749	147.79	135.06	0.00471

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

149.20	133.64	0.00418	150.61	132.23	0.00375
152.03	130.81	0.00338	153.44	129.40	0.00307
155.56	127.28	0.00267	159.10	123.74	0.00217
162.63	120.21	0.00181	169.71	113.14	0.00134
176.78	106.07	0.00104	183.85	98.99	0.00083
190.92	91.92	0.00067	197.99	84.85	0.00055
205.06	77.78	0.00046	212.13	70.71	0.00039
77.78	219.20	0.00074	84.85	212.13	0.00092
91.92	205.06	0.00117	98.99	197.99	0.00149
106.07	190.92	0.00192	113.14	183.85	0.00247
120.21	176.78	0.00318	127.28	169.71	0.00410
130.81	166.17	0.00465	134.35	162.63	0.00527
136.47	160.51	0.00567	137.89	159.10	0.00596
139.30	157.68	0.00628	140.71	156.27	0.00664
142.13	154.86	0.00707	154.86	142.13	0.00406
156.27	140.71	0.00354	157.68	139.30	0.00315
159.10	137.89	0.00283	160.51	136.47	0.00257
162.63	134.35	0.00226	166.17	130.81	0.00186
169.71	127.28	0.00157	176.78	120.21	0.00117
183.85	113.14	0.00090	190.92	106.07	0.00072
197.99	98.99	0.00059	205.06	91.92	0.00049
212.13	84.85	0.00041	219.20	77.78	0.00035
84.85	226.27	0.00083	91.92	219.20	0.00103
98.99	212.13	0.00129	106.07	205.06	0.00162
113.14	197.99	0.00205	120.21	190.92	0.00259
127.28	183.85	0.00327	134.35	176.78	0.00412
137.89	173.24	0.00462	141.42	169.71	0.00515
143.54	167.58	0.00549	144.96	166.17	0.00573
146.37	164.76	0.00598	147.79	163.34	0.00625
149.20	161.93	0.00656	161.93	149.20	0.00323
163.34	147.79	0.00286	164.76	146.37	0.00257
166.17	144.96	0.00234	167.58	143.54	0.00215
169.71	141.42	0.00190	173.24	137.89	0.00159
176.78	134.35	0.00135	183.85	127.28	0.00102
190.92	120.21	0.00079	197.99	113.14	0.00064
205.06	106.07	0.00052	212.13	98.99	0.00044
219.20	91.92	0.00037	226.27	84.85	0.00032

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 ,



12NCRA\_NAPA95-300\_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	0.00092	98.99	226.27	0.00113	
106.07	219.20	0.00140	113.14	212.13	0.00173	
120.21	205.06	0.00215	127.28	197.99	0.00267	
134.35	190.92	0.00332	141.42	183.85	0.00413	
144.96	180.31	0.00458	148.49	176.78	0.00505	
150.61	174.66	0.00534	152.03	173.24	0.00552	
153.44	171.83	0.00569	154.86	170.41	0.00584	
156.27	169.00	0.00592	169.00	156.27	0.00274	
170.41	154.86	0.00248	171.83	153.44	0.00226	
173.24	152.03	0.00208	174.66	150.61	0.00192	
176.78	148.49	0.00171	180.31	144.96	0.00144	
183.85	141.42	0.00123	190.92	134.35	0.00093	
197.99	127.28	0.00073	205.06	120.21	0.00059	
212.13	113.14	0.00049	219.20	106.07	0.00041	
226.27	98.99	0.00035	233.35	91.92	0.00030	
98.99	240.42	0.00100	106.07	233.35	0.00121	
113.14	226.27	0.00147	120.21	219.20	0.00179	
127.28	212.13	0.00219	134.35	205.06	0.00267	
141.42	197.99	0.00324	148.49	190.92	0.00385	
152.03	187.38	0.00411	155.56	183.85	0.00428	
157.68	181.73	0.00430	159.10	180.31	0.00428	
160.51	178.90	0.00423	161.93	177.48	0.00415	
163.34	176.07	0.00404	176.07	163.34	0.00234	
177.48	161.93	0.00217	178.90	160.51	0.00202	
180.31	159.10	0.00187	181.73	157.68	0.00174	
183.85	155.56	0.00157	187.38	152.03	0.00133	
190.92	148.49	0.00114	197.99	141.42	0.00087	
205.06	134.35	0.00069	212.13	127.28	0.00056	
219.20	120.21	0.00046	226.27	113.14	0.00039	
233.35	106.07	0.00033	240.42	98.99	0.00029	
106.07	247.49	0.00105	113.14	240.42	0.00126	
120.21	233.35	0.00150	127.28	226.27	0.00180	
134.35	219.20	0.00214	141.42	212.13	0.00253	
148.49	205.06	0.00292	155.56	197.99	0.00319	
159.10	194.45	0.00324	162.63	190.92	0.00321	
164.76	188.80	0.00315	166.17	187.38	0.00309	
167.58	185.97	0.00303	169.00	184.55	0.00295	
170.41	183.14	0.00287	183.14	170.41	0.00192	
184.55	169.00	0.00182	185.97	167.58	0.00172	
187.38	166.17	0.00162	188.80	164.76	0.00153	

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
190.92	162.63	0.00140	194.45	159.10	0.00121
197.99	155.56	0.00105	205.06	148.49	0.00081
212.13	141.42	0.00064	219.20	134.35	0.00052
226.27	127.28	0.00044	233.35	120.21	0.00037
240.42	113.14	0.00032	247.49	106.07	0.00027

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
-247.49	-106.07	0.00017	-240.42	-113.14	0.00017
-233.35	-120.21	0.00018	-226.27	-127.28	0.00018
-219.20	-134.35	0.00019	-212.13	-141.42	0.00019
-205.06	-148.49	0.00020	-197.99	-155.56	0.00020
-194.45	-159.10	0.00020	-190.92	-162.63	0.00020
-188.80	-164.76	0.00020	-187.38	-166.17	0.00020
-185.97	-167.58	0.00021	-184.55	-169.00	0.00021
-183.14	-170.41	0.00021	-170.41	-183.14	0.00021
-169.00	-184.55	0.00021	-167.58	-185.97	0.00021
-166.17	-187.38	0.00021	-164.76	-188.80	0.00021
-162.63	-190.92	0.00021	-159.10	-194.45	0.00021
-155.56	-197.99	0.00021	-148.49	-205.06	0.00020
-141.42	-212.13	0.00020	-134.35	-219.20	0.00020
-127.28	-226.27	0.00019	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00018
-240.42	-98.99	0.00018	-233.35	-106.07	0.00018
-226.27	-113.14	0.00019	-219.20	-120.21	0.00019
-212.13	-127.28	0.00020	-205.06	-134.35	0.00020
-197.99	-141.42	0.00021	-190.92	-148.49	0.00021
-187.38	-152.03	0.00021	-183.85	-155.56	0.00021

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-181.73	-157.68	0.00022	-180.31	-159.10	0.00022
-178.90	-160.51	0.00022	-177.48	-161.93	0.00022
-176.07	-163.34	0.00022	-163.34	-176.07	0.00022
-161.93	-177.48	0.00022	-160.51	-178.90	0.00022
-159.10	-180.31	0.00022	-157.68	-181.73	0.00022
-155.56	-183.85	0.00022	-152.03	-187.38	0.00022
-148.49	-190.92	0.00022	-141.42	-197.99	0.00021
-134.35	-205.06	0.00021	-127.28	-212.13	0.00021
-120.21	-219.20	0.00020	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00019
-233.35	-91.92	0.00018	-226.27	-99.00	0.00019
-219.20	-106.07	0.00019	-212.13	-113.14	0.00020
-205.06	-120.21	0.00021	-197.99	-127.28	0.00021
-190.92	-134.35	0.00022	-183.85	-141.42	0.00022
-180.31	-144.96	0.00023	-176.78	-148.49	0.00023
-174.66	-150.61	0.00023	-173.24	-152.03	0.00023
-171.83	-153.44	0.00023	-170.41	-154.86	0.00023
-169.00	-156.27	0.00023	-156.27	-169.00	0.00023
-154.86	-170.41	0.00023	-153.44	-171.83	0.00023
-152.03	-173.24	0.00023	-150.61	-174.66	0.00023

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	0.00023	-144.96	-180.31	0.00023
-141.42	-183.85	0.00023	-134.35	-190.92	0.00023
-127.28	-197.99	0.00022	-120.21	-205.06	0.00022
-113.14	-212.13	0.00021	-106.07	-219.20	0.00021
-98.99	-226.27	0.00021	-91.92	-233.35	0.00020
-226.27	-84.85	0.00019	-219.20	-91.92	0.00020
-212.13	-99.00	0.00020	-205.06	-106.07	0.00021
-197.99	-113.14	0.00022	-190.92	-120.21	0.00022
-183.85	-127.28	0.00023	-176.78	-134.35	0.00024
-173.24	-137.89	0.00024	-169.71	-141.42	0.00024
-167.58	-143.54	0.00024	-166.17	-144.96	0.00024
-164.76	-146.37	0.00024	-163.34	-147.79	0.00024
-161.93	-149.20	0.00024	-149.20	-161.93	0.00024
-147.79	-163.34	0.00024	-146.37	-164.76	0.00024

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-144.96	-166.17	0.00024	-143.54	-167.58	0.00024
-141.42	-169.71	0.00024	-137.89	-173.24	0.00024
-134.35	-176.78	0.00024	-127.28	-183.85	0.00024
-120.21	-190.92	0.00024	-113.14	-197.99	0.00023
-106.07	-205.06	0.00023	-98.99	-212.13	0.00022
-91.92	-219.20	0.00022	-84.85	-226.27	0.00021
-219.20	-77.78	0.00020	-212.13	-84.85	0.00021
-205.06	-91.92	0.00022	-197.99	-99.00	0.00022
-190.92	-106.07	0.00023	-183.85	-113.14	0.00024
-176.78	-120.21	0.00024	-169.71	-127.28	0.00025
-166.17	-130.81	0.00025	-162.63	-134.35	0.00025
-160.51	-136.47	0.00026	-159.10	-137.89	0.00026
-157.68	-139.30	0.00026	-156.27	-140.71	0.00026
-154.86	-142.13	0.00026	-142.13	-154.86	0.00026
-140.71	-156.27	0.00026	-139.30	-157.68	0.00026
-137.89	-159.10	0.00026	-136.47	-160.51	0.00026
-134.35	-162.63	0.00026	-130.81	-166.17	0.00026
-127.28	-169.71	0.00026	-120.21	-176.78	0.00025
-113.14	-183.85	0.00025	-106.07	-190.92	0.00024
-98.99	-197.99	0.00024	-91.92	-205.06	0.00023
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00021	-205.06	-77.78	0.00022
-197.99	-84.85	0.00023	-190.92	-91.92	0.00023
-183.85	-98.99	0.00024	-176.78	-106.07	0.00025
-169.71	-113.14	0.00026	-162.63	-120.21	0.00027
-159.10	-123.74	0.00027	-155.56	-127.28	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
-153.44	-129.40	0.00027	-152.03	-130.81	0.00027
-150.61	-132.23	0.00027	-149.20	-133.64	0.00027
-147.79	-135.06	0.00027	-135.06	-147.79	0.00028
-133.64	-149.20	0.00028	-132.23	-150.61	0.00028
-130.81	-152.03	0.00028	-129.40	-153.44	0.00028
-127.28	-155.56	0.00028	-123.74	-159.10	0.00027
-120.21	-162.63	0.00027	-113.14	-169.71	0.00027
-106.07	-176.78	0.00026	-98.99	-183.85	0.00026

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-190.92	0.00025	-84.85	-197.99	0.00025
-77.78	-205.06	0.00024	-70.71	-212.13	0.00024
-205.06	-63.64	0.00022	-197.99	-70.71	0.00023
-190.92	-77.78	0.00024	-183.85	-84.85	0.00025
-176.78	-91.92	0.00026	-169.71	-98.99	0.00027
-162.63	-106.07	0.00028	-155.56	-113.14	0.00028
-152.03	-116.67	0.00029	-148.49	-120.21	0.00029
-146.37	-122.33	0.00029	-144.96	-123.74	0.00029
-143.54	-125.16	0.00029	-142.13	-126.57	0.00029
-140.71	-127.99	0.00029	-127.99	-140.71	0.00029
-126.57	-142.13	0.00029	-125.16	-143.54	0.00029
-123.74	-144.96	0.00029	-122.33	-146.37	0.00029
-120.21	-148.49	0.00029	-116.67	-152.03	0.00029
-113.14	-155.56	0.00029	-106.07	-162.63	0.00029
-98.99	-169.71	0.00028	-91.92	-176.78	0.00027
-84.85	-183.85	0.00027	-77.78	-190.92	0.00026
-70.71	-197.99	0.00026	-63.64	-205.06	0.00025
-197.99	-56.57	0.00024	-190.92	-63.64	0.00025
-183.85	-70.71	0.00025	-176.78	-77.78	0.00026
-169.71	-84.85	0.00027	-162.63	-91.92	0.00028
-155.56	-98.99	0.00029	-148.49	-106.07	0.00030
-144.96	-109.60	0.00030	-141.42	-113.14	0.00031
-139.30	-115.26	0.00031	-137.89	-116.67	0.00031
-136.47	-118.09	0.00031	-135.06	-119.50	0.00031
-133.64	-120.92	0.00031	-120.92	-133.64	0.00032
-119.50	-135.06	0.00032	-118.09	-136.47	0.00031
-116.67	-137.89	0.00031	-115.26	-139.30	0.00031
-113.14	-141.42	0.00031	-109.60	-144.96	0.00031
-106.07	-148.49	0.00031	-98.99	-155.56	0.00031
-91.92	-162.63	0.00030	-84.85	-169.71	0.00029
-77.78	-176.78	0.00028	-70.71	-183.85	0.00028
-63.64	-190.92	0.00027	-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	0.00025	-183.85	-56.57	0.00026
-176.78	-63.64	0.00027	-169.71	-70.71	0.00028

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-77.78	0.00029	-155.56	-84.85	0.00030
-148.49	-91.92	0.00031	-141.42	-98.99	0.00032
-137.89	-102.53	0.00033	-134.35	-106.07	0.00033
-132.23	-108.19	0.00033	-130.81	-109.60	0.00033
-129.40	-111.02	0.00033	-127.99	-112.43	0.00033
-126.57	-113.84	0.00033	-113.84	-126.57	0.00034
-112.43	-127.99	0.00034	-111.02	-129.40	0.00034
-109.60	-130.81	0.00034	-108.19	-132.23	0.00034
-106.07	-134.35	0.00034	-102.53	-137.89	0.00033
-98.99	-141.42	0.00033	-91.92	-148.49	0.00033
-84.85	-155.56	0.00032	-77.78	-162.63	0.00031
-70.71	-169.71	0.00030	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00029
-183.85	-42.43	0.00026	-176.78	-49.50	0.00028
-169.71	-56.57	0.00029	-162.63	-63.64	0.00030
-155.56	-70.71	0.00031	-148.49	-77.78	0.00032
-141.42	-84.85	0.00033	-134.35	-91.92	0.00034
-130.81	-95.46	0.00035	-127.28	-98.99	0.00035
-125.16	-101.12	0.00036	-123.74	-102.53	0.00036
-122.33	-103.94	0.00036	-120.92	-105.36	0.00036
-119.50	-106.77	0.00036	-106.77	-119.50	0.00036
-105.36	-120.92	0.00036	-103.94	-122.33	0.00036
-102.53	-123.74	0.00036	-101.12	-125.16	0.00036
-98.99	-127.28	0.00036	-95.46	-130.81	0.00036
-91.92	-134.35	0.00036	-84.85	-141.42	0.00035
-77.78	-148.49	0.00034	-70.71	-155.56	0.00033
-63.64	-162.63	0.00032	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00031
-176.78	-35.36	0.00028	-169.71	-42.43	0.00029
-162.63	-49.50	0.00030	-155.56	-56.57	0.00032
-148.49	-63.64	0.00033	-141.42	-70.71	0.00034
-134.35	-77.78	0.00036	-127.28	-84.85	0.00037
-123.74	-88.39	0.00038	-120.21	-91.92	0.00038
-118.09	-94.05	0.00038	-116.67	-95.46	0.00038
-115.26	-96.87	0.00039	-113.84	-98.29	0.00039
-112.43	-99.70	0.00039	-99.70	-112.43	0.00039
-98.29	-113.84	0.00039	-96.87	-115.26	0.00039
-95.46	-116.67	0.00039	-94.05	-118.09	0.00039

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

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

17:53:19  
 \*\*MODELOPTS:  
 PAGE 47

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

12NCRA\_NAPA95-300\_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	0.00039	-88.39	-123.74	0.00039
-84.85	-127.28	0.00038	-77.78	-134.35	0.00037
-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	0.00033
-169.71	-28.28	0.00029	-162.63	-35.36	0.00031
-155.56	-42.43	0.00032	-148.49	-49.50	0.00034
-141.42	-56.57	0.00035	-134.35	-63.64	0.00037
-127.28	-70.71	0.00038	-120.21	-77.78	0.00040
-116.67	-81.32	0.00040	-113.14	-84.85	0.00041
-111.02	-86.97	0.00041	-109.60	-88.39	0.00041
-108.19	-89.80	0.00042	-106.77	-91.22	0.00042
-105.36	-92.63	0.00042	-92.63	-105.36	0.00042
-91.22	-106.77	0.00042	-89.80	-108.19	0.00042
-88.39	-109.60	0.00042	-86.97	-111.02	0.00042
-84.85	-113.14	0.00042	-81.32	-116.67	0.00042
-77.78	-120.21	0.00041	-70.71	-127.28	0.00040
-63.64	-134.35	0.00039	-56.57	-141.42	0.00038
-49.50	-148.49	0.00037	-42.43	-155.56	0.00037
-35.36	-162.63	0.00036	-28.28	-169.71	0.00035
-162.63	-21.21	0.00031	-155.56	-28.28	0.00033
-148.49	-35.36	0.00035	-141.42	-42.43	0.00036
-134.35	-49.50	0.00038	-127.28	-56.57	0.00039
-120.21	-63.64	0.00041	-113.14	-70.71	0.00043
-109.60	-74.25	0.00044	-106.07	-77.78	0.00044
-103.94	-79.90	0.00045	-102.53	-81.32	0.00045
-101.12	-82.73	0.00045	-99.70	-84.15	0.00045
-98.29	-85.56	0.00045	-85.56	-98.29	0.00046
-84.15	-99.70	0.00046	-82.73	-101.12	0.00046
-81.32	-102.53	0.00046	-79.90	-103.94	0.00046
-77.78	-106.07	0.00045	-74.25	-109.60	0.00045
-70.71	-113.14	0.00045	-63.64	-120.21	0.00044
-56.57	-127.28	0.00042	-49.50	-134.35	0.00041
-42.43	-141.42	0.00040	-35.36	-148.49	0.00039
-28.28	-155.56	0.00039	-21.21	-162.63	0.00038
-155.56	-14.14	0.00033	-148.49	-21.21	0.00035
-141.42	-28.28	0.00037	-134.35	-35.36	0.00039
-127.28	-42.43	0.00041	-120.21	-49.50	0.00042
-113.14	-56.57	0.00045	-106.07	-63.64	0.00047
-102.53	-67.18	0.00047	-98.99	-70.71	0.00048

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	0.00049	-95.46	-74.25	0.00049
-94.05	-75.66	0.00049	-92.63	-77.07	0.00049
-91.22	-78.49	0.00049	-78.49	-91.22	0.00050
-77.07	-92.63	0.00050	-75.66	-94.05	0.00050
-74.25	-95.46	0.00050	-72.83	-96.87	0.00050
-70.71	-98.99	0.00049	-67.18	-102.53	0.00049
-63.64	-106.07	0.00048	-56.57	-113.14	0.00047
-49.50	-120.21	0.00046	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00043
-21.21	-148.49	0.00042	-14.14	-155.56	0.00041
-148.49	-7.07	0.00034	-141.42	-14.14	0.00037
-134.35	-21.21	0.00039	-127.28	-28.28	0.00042
-120.21	-35.36	0.00044	-113.14	-42.43	0.00046
-106.07	-49.50	0.00048	-98.99	-56.57	0.00051
-95.46	-60.10	0.00052	-91.92	-63.64	0.00053
-89.80	-65.76	0.00053	-88.39	-67.18	0.00053
-86.97	-68.59	0.00054	-85.56	-70.00	0.00054
-84.15	-71.42	0.00054	-71.42	-84.15	0.00055
-70.00	-85.56	0.00055	-68.59	-86.97	0.00055
-67.18	-88.39	0.00054	-65.76	-89.80	0.00054
-63.64	-91.92	0.00054	-60.10	-95.46	0.00053
-56.57	-98.99	0.00053	-49.50	-106.07	0.00051
-42.43	-113.14	0.00050	-35.36	-120.21	0.00048
-28.28	-127.28	0.00047	-21.21	-134.35	0.00046
-14.14	-141.42	0.00045	-7.07	-148.49	0.00044
-141.42	0.00	0.00036	-134.35	-7.07	0.00039
-127.28	-14.14	0.00042	-120.21	-21.21	0.00045
-113.14	-28.28	0.00047	-106.07	-35.36	0.00050
-98.99	-42.43	0.00052	-91.92	-49.50	0.00055
-88.39	-53.03	0.00056	-84.85	-56.57	0.00058
-82.73	-58.69	0.00058	-81.32	-60.10	0.00058
-79.90	-61.52	0.00059	-78.49	-62.93	0.00059
-77.07	-64.35	0.00059	-64.35	-77.07	0.00060
-62.93	-78.49	0.00060	-61.52	-79.90	0.00060



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-60.10	-81.32	0.00060	-58.69	-82.73	0.00060
-56.57	-84.85	0.00059	-53.03	-88.39	0.00059
-49.50	-91.92	0.00058	-42.43	-98.99	0.00056
-35.36	-106.07	0.00054	-28.28	-113.14	0.00053
-21.21	-120.21	0.00052	-14.14	-127.28	0.00050
-7.07	-134.35	0.00049	0.00	-141.42	0.00047

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	0.00037	-127.28	0.00	0.00041
-120.21	-7.07	0.00045	-113.14	-14.14	0.00048
-106.07	-21.21	0.00051	-98.99	-28.28	0.00054
-91.92	-35.36	0.00057	-84.85	-42.43	0.00060
-81.32	-45.96	0.00062	-77.78	-49.50	0.00063
-75.66	-51.62	0.00064	-74.25	-53.03	0.00064
-72.83	-54.45	0.00065	-71.42	-55.86	0.00065
-70.00	-57.28	0.00065	-57.28	-70.00	0.00066
-55.86	-71.42	0.00066	-54.45	-72.83	0.00066
-53.03	-74.25	0.00066	-51.62	-75.66	0.00066
-49.50	-77.78	0.00065	-45.96	-81.32	0.00064
-42.43	-84.85	0.00063	-35.36	-91.92	0.00061
-28.28	-98.99	0.00059	-21.21	-106.07	0.00058
-14.14	-113.14	0.00057	-7.07	-120.21	0.00055
0.00	-127.28	0.00053	7.07	-134.35	0.00050
-127.28	14.14	0.00039	-120.21	7.07	0.00043
-113.14	0.00	0.00048	-106.07	-7.07	0.00052
-98.99	-14.14	0.00056	-91.92	-21.21	0.00059
-84.85	-28.28	0.00063	-77.78	-35.36	0.00066
-74.25	-38.89	0.00068	-70.71	-42.43	0.00070
-68.59	-44.55	0.00071	-67.18	-45.96	0.00071
-65.76	-47.38	0.00072	-64.35	-48.79	0.00072
-62.93	-50.20	0.00072	-50.20	-62.93	0.00074
-48.79	-64.35	0.00073	-47.38	-65.76	0.00073
-45.96	-67.18	0.00073	-44.55	-68.59	0.00073
-42.43	-70.71	0.00072	-38.89	-74.25	0.00071
-35.36	-77.78	0.00070	-28.28	-84.85	0.00068
-21.21	-91.92	0.00065	-14.14	-98.99	0.00064

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	-106.07	0.00062	0.00	-113.14	0.00060
7.07	-120.21	0.00057	14.14	-127.28	0.00053
-120.21	21.21	0.00041	-113.14	14.14	0.00046
-106.07	7.07	0.00051	-98.99	0.00	0.00056
-91.92	-7.07	0.00061	-84.85	-14.14	0.00065
-77.78	-21.21	0.00069	-70.71	-28.28	0.00073
-67.18	-31.82	0.00075	-63.64	-35.36	0.00077
-61.52	-37.48	0.00079	-60.10	-38.89	0.00079
-58.69	-40.31	0.00080	-57.28	-41.72	0.00080
-55.86	-43.13	0.00081	-43.13	-55.86	0.00082
-41.72	-57.28	0.00082	-40.31	-58.69	0.00082
-38.89	-60.10	0.00081	-37.48	-61.52	0.00081

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
-35.36	-63.64	0.00080	-31.82	-67.18	0.00079
-28.28	-70.71	0.00078	-21.21	-77.78	0.00075
-14.14	-84.85	0.00073	-7.07	-91.92	0.00071
0.00	-98.99	0.00068	7.07	-106.07	0.00065
14.14	-113.14	0.00061	21.21	-120.21	0.00056
-113.14	28.28	0.00042	-106.07	21.21	0.00048
-98.99	14.14	0.00054	-91.92	7.07	0.00060
-84.85	0.00	0.00066	-77.78	-7.07	0.00071
-70.71	-14.14	0.00076	-63.64	-21.21	0.00081
-60.10	-24.75	0.00084	-56.57	-28.28	0.00086
-54.45	-30.41	0.00088	-53.03	-31.82	0.00089
-51.62	-33.23	0.00089	-50.20	-34.65	0.00090
-48.79	-36.06	0.00091	-36.06	-48.79	0.00092
-34.65	-50.20	0.00092	-33.23	-51.62	0.00092
-31.82	-53.03	0.00091	-30.41	-54.45	0.00091
-28.28	-56.57	0.00090	-24.75	-60.10	0.00088
-21.21	-63.64	0.00087	-14.14	-70.71	0.00083
-7.07	-77.78	0.00081	0.00	-84.85	0.00078
7.07	-91.92	0.00075	14.14	-98.99	0.00070
21.21	-106.07	0.00064	28.28	-113.14	0.00058
-106.07	35.36	0.00044	-98.99	28.28	0.00050
-91.92	21.21	0.00056	-84.85	14.14	0.00064

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	7.07	0.00071	-70.71	0.00	0.00078
-63.64	-7.07	0.00084	-56.57	-14.14	0.00090
-53.03	-17.68	0.00094	-49.50	-21.21	0.00097
-47.38	-23.33	0.00099	-45.96	-24.75	0.00100
-44.55	-26.16	0.00101	-43.13	-27.58	0.00102
-41.72	-28.99	0.00102	-28.99	-41.72	0.00104
-27.58	-43.13	0.00104	-26.16	-44.55	0.00104
-24.75	-45.96	0.00103	-23.33	-47.38	0.00102
-21.21	-49.50	0.00101	-17.68	-53.03	0.00099
-14.14	-56.57	0.00097	-7.07	-63.64	0.00094
0.00	-70.71	0.00091	7.07	-77.78	0.00087
14.14	-84.85	0.00082	21.21	-91.92	0.00075
28.28	-98.99	0.00068	35.36	-106.07	0.00060
-98.99	42.43	0.00046	-91.92	35.36	0.00052
-84.85	28.28	0.00059	-77.78	21.21	0.00068
-70.71	14.14	0.00077	-63.64	7.07	0.00086
-56.57	0.00	0.00094	-49.50	-7.07	0.00101
-45.96	-10.61	0.00105	-42.43	-14.14	0.00109

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	0.00111	-38.89	-17.68	0.00113
-37.48	-19.09	0.00114	-36.06	-20.51	0.00115
-34.65	-21.92	0.00116	-21.92	-34.65	0.00119
-20.51	-36.06	0.00118	-19.09	-37.48	0.00118
-17.68	-38.89	0.00117	-16.26	-40.31	0.00116
-14.14	-42.43	0.00115	-10.61	-45.96	0.00112
-7.07	-49.50	0.00110	0.00	-56.57	0.00106
7.07	-63.64	0.00102	14.14	-70.71	0.00097
21.21	-77.78	0.00089	28.28	-84.85	0.00080
35.36	-91.92	0.00071	42.43	-98.99	0.00062
-91.92	49.50	0.00047	-84.85	42.43	0.00054
-77.78	35.36	0.00062	-70.71	28.28	0.00072
-63.64	21.21	0.00082	-56.57	14.14	0.00094
-49.50	7.07	0.00105	-42.43	0.00	0.00114
-38.89	-3.54	0.00119	-35.36	-7.07	0.00124
-33.23	-9.19	0.00127	-31.82	-10.61	0.00129

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-30.41	-12.02	0.00130	-28.99	-13.44	0.00132
-27.58	-14.85	0.00133	-14.85	-27.58	0.00137
-13.44	-28.99	0.00136	-12.02	-30.41	0.00135
-10.61	-31.82	0.00134	-9.19	-33.23	0.00133
-7.07	-35.36	0.00131	-3.54	-38.89	0.00128
0.00	-42.43	0.00126	7.07	-49.50	0.00121
14.14	-56.57	0.00115	21.21	-63.64	0.00106
28.28	-70.71	0.00096	35.36	-77.78	0.00084
42.43	-84.85	0.00073	49.50	-91.92	0.00064
-84.85	56.57	0.00049	-77.78	49.50	0.00056
-70.71	42.43	0.00065	-63.64	35.36	0.00076
-56.57	28.28	0.00088	-49.50	21.21	0.00102
-42.43	14.14	0.00116	-35.36	7.07	0.00129
-31.82	3.54	0.00135	-28.28	0.00	0.00141
-26.16	-2.12	0.00145	-24.75	-3.54	0.00148
-23.33	-4.95	0.00150	-21.92	-6.36	0.00152
-20.51	-7.78	0.00154	-7.78	-20.51	0.00158
-6.36	-21.92	0.00157	-4.95	-23.33	0.00156
-3.54	-24.75	0.00155	-2.12	-26.16	0.00153
0.00	-28.28	0.00151	3.54	-31.82	0.00148
7.07	-35.36	0.00145	14.14	-42.43	0.00138
21.21	-49.50	0.00129	28.28	-56.57	0.00116
35.36	-63.64	0.00102	42.43	-70.71	0.00088
49.50	-77.78	0.00075	56.57	-84.85	0.00065

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

17:53:19  
 \*\*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	0.00050	-70.71	56.57	0.00058
-63.64	49.50	0.00068	-56.57	42.43	0.00080
-49.50	35.36	0.00094	-42.43	28.28	0.00110
-35.36	21.21	0.00129	-28.28	14.14	0.00147
-24.75	10.61	0.00155	-21.21	7.07	0.00162
-19.09	4.95	0.00167	-17.68	3.54	0.00170
-16.26	2.12	0.00173	-14.85	0.71	0.00176
-13.44	-0.71	0.00179	-0.71	-13.44	0.00185
0.71	-14.85	0.00184	2.12	-16.26	0.00182
3.54	-17.68	0.00180	4.95	-19.09	0.00179

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-21.21	0.00176	10.61	-24.75	0.00172
14.14	-28.28	0.00168	21.21	-35.36	0.00158
28.28	-42.43	0.00142	35.36	-49.50	0.00124
42.43	-56.57	0.00107	49.50	-63.64	0.00091
56.57	-70.71	0.00077	63.64	-77.78	0.00065
-70.71	70.71	0.00051	-63.64	63.64	0.00060
-56.57	56.57	0.00070	-49.50	49.50	0.00083
-42.43	42.43	0.00099	-35.36	35.36	0.00119
-28.28	28.28	0.00141	-21.21	21.21	0.00165
-17.68	17.68	0.00177	-14.14	14.14	0.00187
-12.02	12.02	0.00194	-10.61	10.61	0.00198
-9.19	9.19	0.00202	-7.78	7.78	0.00206
-6.36	6.36	0.00209	6.36	-6.36	0.00218
7.78	-7.78	0.00216	9.19	-9.19	0.00214
10.61	-10.61	0.00212	12.02	-12.02	0.00210
14.14	-14.14	0.00207	17.68	-17.68	0.00202
21.21	-21.21	0.00196	28.28	-28.28	0.00178
35.36	-35.36	0.00155	42.43	-42.43	0.00132
49.50	-49.50	0.00111	56.57	-56.57	0.00093
63.64	-63.64	0.00078	70.71	-70.71	0.00066
-63.64	77.78	0.00051	-56.57	70.71	0.00060
-49.50	63.64	0.00071	-42.43	56.57	0.00086
-35.36	49.50	0.00104	-28.28	42.43	0.00126
-21.21	35.36	0.00153	-14.14	28.28	0.00183
-10.61	24.75	0.00200	-7.07	21.21	0.00216
-4.95	19.09	0.00225	-3.54	17.68	0.00230
-2.12	16.26	0.00235	-0.71	14.85	0.00241
0.71	13.44	0.00246	13.44	0.71	0.00259
14.85	-0.71	0.00256	16.26	-2.12	0.00254
17.68	-3.54	0.00251	19.09	-4.95	0.00249

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	0.00246	24.75	-10.61	0.00238
28.28	-14.14	0.00226	35.36	-21.21	0.00196
42.43	-28.28	0.00165	49.50	-35.36	0.00137
56.57	-42.43	0.00114	63.64	-49.50	0.00094

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	-56.57	0.00079	77.78	-63.64	0.00067
-56.57	84.85	0.00050	-49.50	77.78	0.00060
-42.43	70.71	0.00072	-35.36	63.64	0.00087
-28.28	56.57	0.00106	-21.21	49.50	0.00132
-14.14	42.43	0.00163	-7.07	35.36	0.00201
-3.54	31.82	0.00222	0.00	28.28	0.00245
2.12	26.16	0.00258	3.54	24.75	0.00266
4.95	23.33	0.00275	6.36	21.92	0.00282
7.78	20.51	0.00290	20.51	7.78	0.00310
21.92	6.36	0.00308	23.33	4.95	0.00305
24.75	3.54	0.00302	26.16	2.12	0.00298
28.28	0.00	0.00290	31.82	-3.54	0.00273
35.36	-7.07	0.00252	42.43	-14.14	0.00211
49.50	-21.21	0.00174	56.57	-28.28	0.00142
63.64	-35.36	0.00116	70.71	-42.43	0.00096
77.78	-49.50	0.00080	84.85	-56.57	0.00067
-49.50	91.92	0.00049	-42.43	84.85	0.00059
-35.36	77.78	0.00071	-28.28	70.71	0.00086
-21.21	63.64	0.00106	-14.14	56.57	0.00134
-7.07	49.50	0.00169	0.00	42.43	0.00214
3.54	38.89	0.00241	7.07	35.36	0.00270
9.19	33.23	0.00289	10.61	31.82	0.00302
12.02	30.41	0.00316	13.44	28.99	0.00328
14.85	27.58	0.00341	27.58	14.85	0.00379
28.99	13.44	0.00373	30.41	12.02	0.00366
31.82	10.61	0.00358	33.23	9.19	0.00347
35.36	7.07	0.00330	38.89	3.54	0.00302
42.43	0.00	0.00273	49.50	-7.07	0.00223
56.57	-14.14	0.00180	63.64	-21.21	0.00145
70.71	-28.28	0.00117	77.78	-35.36	0.00096
84.85	-42.43	0.00079	91.92	-49.50	0.00067
-42.43	98.99	0.00047	-35.36	91.92	0.00057
-28.28	84.85	0.00069	-21.21	77.78	0.00084
-14.14	70.71	0.00105	-7.07	63.64	0.00132
0.00	56.57	0.00169	7.07	49.50	0.00219
10.61	45.96	0.00249	14.14	42.43	0.00285

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\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

12NCRA\_NAPA95-300\_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	0.00309	17.68	38.89	0.00327
19.09	37.48	0.00347	20.51	36.06	0.00370
21.92	34.65	0.00395	34.65	21.92	0.00458
36.06	20.51	0.00438	37.48	19.09	0.00419
38.89	17.68	0.00402	40.31	16.26	0.00385
42.43	14.14	0.00361	45.96	10.61	0.00323
49.50	7.07	0.00289	56.57	0.00	0.00231
63.64	-7.07	0.00183	70.71	-14.14	0.00145
77.78	-21.21	0.00116	84.85	-28.28	0.00094
91.92	-35.36	0.00077	98.99	-42.43	0.00065
-35.36	106.07	0.00046	-28.28	98.99	0.00055
-21.21	91.92	0.00067	-14.14	84.85	0.00082
-7.07	77.78	0.00102	0.00	70.71	0.00129
7.07	63.64	0.00168	14.14	56.57	0.00220
17.68	53.03	0.00253	21.21	49.50	0.00293
23.33	47.38	0.00322	24.75	45.96	0.00345
26.16	44.55	0.00372	27.58	43.13	0.00407
28.99	41.72	0.00455	41.72	28.99	0.00497
43.13	27.58	0.00467	44.55	26.16	0.00441
45.96	24.75	0.00419	47.38	23.33	0.00398
49.50	21.21	0.00370	53.03	17.68	0.00328
56.57	14.14	0.00291	63.64	7.07	0.00227
70.71	0.00	0.00177	77.78	-7.07	0.00139
84.85	-14.14	0.00111	91.92	-21.21	0.00090
98.99	-28.28	0.00074	106.07	-35.36	0.00062
-28.28	113.14	0.00044	-21.21	106.07	0.00053
-14.14	98.99	0.00065	-7.07	91.92	0.00081
0.00	84.85	0.00102	7.07	77.78	0.00131
14.14	70.71	0.00175	21.21	63.64	0.00243
24.75	60.10	0.00293	28.28	56.57	0.00362
30.41	54.45	0.00416	31.82	53.03	0.00459
33.23	51.62	0.00507	34.65	50.20	0.00564
36.06	48.79	0.00630	48.79	36.06	0.00521
50.20	34.65	0.00482	51.62	33.23	0.00450
53.03	31.82	0.00424	54.45	30.41	0.00401
56.57	28.28	0.00370	60.10	24.75	0.00325
63.64	21.21	0.00285	70.71	14.14	0.00218
77.78	7.07	0.00167	84.85	0.00	0.00130
91.92	-7.07	0.00104	98.99	-14.14	0.00084
106.07	-21.21	0.00070	113.14	-28.28	0.00059

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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
-21.21	120.21	0.00044	-14.14	113.14	0.00054
-7.07	106.07	0.00066	0.00	98.99	0.00084
7.07	91.92	0.00108	14.14	84.85	0.00144
21.21	77.78	0.00201	28.28	70.71	0.00297
31.82	67.18	0.00368	35.36	63.64	0.00455
37.48	61.52	0.00517	38.89	60.10	0.00562
40.31	58.69	0.00611	41.72	57.28	0.00665
43.13	55.86	0.00727	55.86	43.13	0.00542
57.28	41.72	0.00496	58.69	40.31	0.00459
60.10	38.89	0.00428	61.52	37.48	0.00401
63.64	35.36	0.00366	67.18	31.82	0.00316
70.71	28.28	0.00274	77.78	21.21	0.00206
84.85	14.14	0.00156	91.92	7.07	0.00121
98.99	0.00	0.00097	106.07	-7.07	0.00079
113.14	-14.14	0.00066	120.21	-21.21	0.00055
-14.14	127.28	0.00046	-7.07	120.21	0.00056
0.00	113.14	0.00071	7.07	106.07	0.00092
14.14	98.99	0.00122	21.21	91.92	0.00167
28.28	84.85	0.00238	35.36	77.78	0.00349
38.89	74.25	0.00424	42.43	70.71	0.00513
44.55	68.59	0.00574	45.96	67.18	0.00617
47.38	65.76	0.00664	48.79	64.35	0.00714
50.20	62.93	0.00772	62.93	50.20	0.00549
64.35	48.79	0.00499	65.76	47.38	0.00459
67.18	45.96	0.00425	68.59	44.55	0.00395
70.71	42.43	0.00357	74.25	38.89	0.00302
77.78	35.36	0.00257	84.85	28.28	0.00189
91.92	21.21	0.00143	98.99	14.14	0.00112
106.07	7.07	0.00090	113.14	0.00	0.00074
120.21	-7.07	0.00061	127.28	-14.14	0.00052
-7.07	134.35	0.00050	0.00	127.28	0.00062
7.07	120.21	0.00079	14.14	113.14	0.00104
21.21	106.07	0.00140	28.28	98.99	0.00193
35.36	91.92	0.00271	42.43	84.85	0.00383
45.96	81.32	0.00455	49.50	77.78	0.00541
51.62	75.66	0.00598	53.03	74.25	0.00639



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

54.45	72.83	0.00683	55.86	71.42	0.00731
57.28	70.00	0.00785	70.00	57.28	0.00540
71.42	55.86	0.00488	72.83	54.45	0.00447
74.25	53.03	0.00411	75.66	51.62	0.00379

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	0.00338	81.32	45.96	0.00280
84.85	42.43	0.00234	91.92	35.36	0.00170
98.99	28.28	0.00130	106.07	21.21	0.00103
113.14	14.14	0.00083	120.21	7.07	0.00068
127.28	0.00	0.00057	134.35	-7.07	0.00048
0.00	141.42	0.00056	7.07	134.35	0.00071
14.14	127.28	0.00090	21.21	120.21	0.00118
28.28	113.14	0.00158	35.36	106.07	0.00215
42.43	98.99	0.00294	49.50	91.92	0.00401
53.03	88.39	0.00468	56.57	84.85	0.00547
58.69	82.73	0.00600	60.10	81.32	0.00639
61.52	79.90	0.00680	62.93	78.49	0.00725
64.35	77.07	0.00776	77.07	64.35	0.00515
78.49	62.93	0.00462	79.90	61.52	0.00420
81.32	60.10	0.00383	82.73	58.69	0.00350
84.85	56.57	0.00307	88.39	53.03	0.00250
91.92	49.50	0.00208	98.99	42.43	0.00151
106.07	35.36	0.00117	113.14	28.28	0.00093
120.21	21.21	0.00075	127.28	14.14	0.00062
134.35	7.07	0.00052	141.42	0.00	0.00044
7.07	148.49	0.00065	14.14	141.42	0.00081
21.21	134.35	0.00103	28.28	127.28	0.00134
35.36	120.21	0.00176	42.43	113.14	0.00232
49.50	106.07	0.00308	56.57	98.99	0.00408
60.10	95.46	0.00469	63.64	91.92	0.00540
65.76	89.80	0.00587	67.18	88.39	0.00622
68.59	86.97	0.00659	70.00	85.56	0.00701
71.42	84.15	0.00749	84.15	71.42	0.00471
85.56	70.00	0.00418	86.97	68.59	0.00375
88.39	67.18	0.00338	89.80	65.76	0.00307

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	63.64	0.00267	95.46	60.10	0.00217
98.99	56.57	0.00181	106.07	49.50	0.00134
113.14	42.43	0.00104	120.21	35.36	0.00083
127.28	28.28	0.00067	134.35	21.21	0.00055
141.42	14.14	0.00046	148.49	7.07	0.00039
14.14	155.56	0.00074	21.21	148.49	0.00092
28.28	141.42	0.00117	35.36	134.35	0.00149
42.43	127.28	0.00192	49.50	120.21	0.00247
56.57	113.14	0.00318	63.64	106.07	0.00410
67.18	102.53	0.00465	70.71	98.99	0.00527

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
72.83	96.87	0.00567	74.25	95.46	0.00596
75.66	94.05	0.00628	77.07	92.63	0.00664
78.49	91.22	0.00707	91.22	78.49	0.00406
92.63	77.07	0.00354	94.05	75.66	0.00315
95.46	74.25	0.00283	96.87	72.83	0.00257
98.99	70.71	0.00226	102.53	67.18	0.00186
106.07	63.64	0.00157	113.14	56.57	0.00117
120.21	49.50	0.00090	127.28	42.43	0.00072
134.35	35.36	0.00059	141.42	28.28	0.00049
148.49	21.21	0.00041	155.56	14.14	0.00035
21.21	162.63	0.00083	28.28	155.56	0.00103
35.36	148.49	0.00129	42.43	141.42	0.00162
49.50	134.35	0.00205	56.57	127.28	0.00259
63.64	120.21	0.00327	70.71	113.14	0.00412
74.25	109.60	0.00462	77.78	106.07	0.00515
79.90	103.94	0.00549	81.32	102.53	0.00573
82.73	101.12	0.00598	84.15	99.70	0.00625
85.56	98.29	0.00656	98.29	85.56	0.00323
99.70	84.15	0.00286	101.12	82.73	0.00257
102.53	81.32	0.00234	103.94	79.90	0.00215
106.07	77.78	0.00190	109.60	74.25	0.00159
113.14	70.71	0.00135	120.21	63.64	0.00102
127.28	56.57	0.00079	134.35	49.50	0.00064
141.42	42.43	0.00052	148.49	35.36	0.00044

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

155.56	28.28	0.00037	162.63	21.21	0.00032
28.28	169.71	0.00092	35.36	162.63	0.00113
42.43	155.56	0.00140	49.50	148.49	0.00173
56.57	141.42	0.00215	63.64	134.35	0.00267
70.71	127.28	0.00332	77.78	120.21	0.00413
81.32	116.67	0.00458	84.85	113.14	0.00505
86.97	111.02	0.00534	88.39	109.60	0.00552
89.80	108.19	0.00569	91.22	106.77	0.00584
92.63	105.36	0.00592	105.36	92.63	0.00274
106.77	91.22	0.00248	108.19	89.80	0.00226
109.60	88.39	0.00208	111.02	86.97	0.00192
113.14	84.85	0.00171	116.67	81.32	0.00144
120.21	77.78	0.00123	127.28	70.71	0.00093
134.35	63.64	0.00073	141.42	56.57	0.00059
148.49	49.50	0.00049	155.56	42.43	0.00041
162.63	35.36	0.00035	169.71	28.28	0.00030

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	0.00100	42.43	169.71	0.00121
49.50	162.63	0.00147	56.57	155.56	0.00179
63.64	148.49	0.00219	70.71	141.42	0.00267
77.78	134.35	0.00324	84.85	127.28	0.00385
88.39	123.74	0.00411	91.92	120.21	0.00428
94.05	118.09	0.00430	95.46	116.67	0.00428
96.87	115.26	0.00423	98.29	113.84	0.00415
99.70	112.43	0.00404	112.43	99.70	0.00234
113.84	98.29	0.00217	115.26	96.87	0.00202
116.67	95.46	0.00187	118.09	94.05	0.00174
120.21	91.92	0.00157	123.74	88.39	0.00133
127.28	84.85	0.00114	134.35	77.78	0.00087
141.42	70.71	0.00069	148.49	63.64	0.00056
155.56	56.57	0.00046	162.63	49.50	0.00039
169.71	42.43	0.00033	176.78	35.36	0.00029
42.43	183.85	0.00105	49.50	176.78	0.00126
56.57	169.71	0.00150	63.64	162.63	0.00180
70.71	155.56	0.00214	77.78	148.49	0.00253

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	141.42	0.00292	91.92	134.35	0.00319
95.46	130.81	0.00324	98.99	127.28	0.00321
101.12	125.16	0.00315	102.53	123.74	0.00309
103.94	122.33	0.00303	105.36	120.92	0.00295
106.77	119.50	0.00287	119.50	106.77	0.00192
120.92	105.36	0.00182	122.33	103.94	0.00172
123.74	102.53	0.00162	125.16	101.12	0.00153
127.28	98.99	0.00140	130.81	95.46	0.00121
134.35	91.92	0.00105	141.42	84.85	0.00081
148.49	77.78	0.00064	155.56	70.71	0.00052
162.63	63.64	0.00044	169.71	56.57	0.00037
176.78	49.50	0.00032	183.85	42.43	0.00027
49.50	190.92	0.00108	56.57	183.85	0.00127
63.64	176.78	0.00148	70.71	169.71	0.00173
77.78	162.63	0.00200	84.85	155.56	0.00226
91.92	148.49	0.00246	98.99	141.42	0.00252
102.53	137.89	0.00250	106.07	134.35	0.00243
108.19	132.23	0.00236	109.60	130.81	0.00232
111.02	129.40	0.00227	112.43	127.99	0.00222
113.84	126.57	0.00217	126.57	113.84	0.00156
127.99	112.43	0.00150	129.40	111.02	0.00144
130.81	109.60	0.00138	132.23	108.19	0.00131

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
134.35	106.07	0.00122	137.89	102.53	0.00108
141.42	98.99	0.00096	148.49	91.92	0.00075
155.56	84.85	0.00060	162.63	77.78	0.00049
169.71	70.71	0.00041	176.78	63.64	0.00035
183.85	56.57	0.00030	190.92	49.50	0.00026
56.57	197.99	0.00107	63.64	190.92	0.00124
70.71	183.85	0.00142	77.78	176.78	0.00160
84.85	169.71	0.00179	91.92	162.63	0.00194
98.99	155.56	0.00201	106.07	148.49	0.00200
109.60	144.96	0.00195	113.14	141.42	0.00188
115.26	139.30	0.00183	116.67	137.89	0.00180
118.09	136.47	0.00177	119.50	135.06	0.00174

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.92	133.64	0.00171	133.64	120.92	0.00129
135.06	119.50	0.00124	136.47	118.09	0.00120
137.89	116.67	0.00116	139.30	115.26	0.00112
141.42	113.14	0.00106	144.96	109.60	0.00096
148.49	106.07	0.00086	155.56	98.99	0.00069
162.63	91.92	0.00056	169.71	84.85	0.00046
176.78	77.78	0.00038	183.85	70.71	0.00033
190.92	63.64	0.00028	197.99	56.57	0.00025
63.64	205.06	0.00104	70.71	197.99	0.00117
77.78	190.92	0.00131	84.85	183.85	0.00145
91.92	176.78	0.00156	98.99	169.71	0.00163
106.07	162.63	0.00165	113.14	155.56	0.00161
116.67	152.03	0.00156	120.21	148.49	0.00150
122.33	146.37	0.00146	123.74	144.96	0.00144
125.16	143.54	0.00142	126.57	142.13	0.00140
127.99	140.71	0.00138	140.71	127.99	0.00108
142.13	126.57	0.00104	143.54	125.16	0.00101
144.96	123.74	0.00098	146.37	122.33	0.00095
148.49	120.21	0.00091	152.03	116.67	0.00084
155.56	113.14	0.00077	162.63	106.07	0.00063
169.71	98.99	0.00052	176.78	91.92	0.00043
183.85	84.85	0.00036	190.92	77.78	0.00031
197.99	70.71	0.00027	205.06	63.64	0.00023
70.71	212.13	0.00099	77.78	205.06	0.00109
84.85	197.99	0.00119	91.92	190.92	0.00128
98.99	183.85	0.00134	106.07	176.78	0.00138
113.14	169.71	0.00137	120.21	162.63	0.00131
123.74	159.10	0.00127	127.28	155.56	0.00122

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\_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	0.00120	130.81	152.03	0.00119
132.23	150.61	0.00117	133.64	149.20	0.00116
135.06	147.79	0.00114	147.79	135.06	0.00091
149.20	133.64	0.00089	150.61	132.23	0.00086
152.03	130.81	0.00084	153.44	129.40	0.00082
155.56	127.28	0.00079	159.10	123.74	0.00073

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	120.21	0.00068	169.71	113.14	0.00057
176.78	106.07	0.00048	183.85	98.99	0.00041
190.92	91.92	0.00034	197.99	84.85	0.00029
205.06	77.78	0.00025	212.13	70.71	0.00022
77.78	219.20	0.00092	84.85	212.13	0.00100
91.92	205.06	0.00107	98.99	197.99	0.00112
106.07	190.92	0.00116	113.14	183.85	0.00117
120.21	176.78	0.00114	127.28	169.71	0.00108
130.81	166.17	0.00105	134.35	162.63	0.00102
136.47	160.51	0.00100	137.89	159.10	0.00099
139.30	157.68	0.00098	140.71	156.27	0.00097
142.13	154.86	0.00096	154.86	142.13	0.00078
156.27	140.71	0.00076	157.68	139.30	0.00074
159.10	137.89	0.00072	160.51	136.47	0.00071
162.63	134.35	0.00068	166.17	130.81	0.00064
169.71	127.28	0.00060	176.78	120.21	0.00052
183.85	113.14	0.00045	190.92	106.07	0.00038
197.99	98.99	0.00032	205.06	91.92	0.00028
212.13	84.85	0.00024	219.20	77.78	0.00021
84.85	226.27	0.00085	91.92	219.20	0.00090
98.99	212.13	0.00095	106.07	205.06	0.00098
113.14	197.99	0.00100	120.21	190.92	0.00099
127.28	183.85	0.00096	134.35	176.78	0.00091
137.89	173.24	0.00089	141.42	169.71	0.00086
143.54	167.58	0.00085	144.96	166.17	0.00085
146.37	164.76	0.00084	147.79	163.34	0.00083
149.20	161.93	0.00082	161.93	149.20	0.00068
163.34	147.79	0.00066	164.76	146.37	0.00064
166.17	144.96	0.00063	167.58	143.54	0.00062
169.71	141.42	0.00060	173.24	137.89	0.00057
176.78	134.35	0.00054	183.85	127.28	0.00047
190.92	120.21	0.00041	197.99	113.14	0.00035
205.06	106.07	0.00031	212.13	98.99	0.00026
219.20	91.92	0.00023	226.27	84.85	0.00020

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
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12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	233.35	0.00077	98.99	226.27	0.00081
106.07	219.20	0.00084	113.14	212.13	0.00086
120.21	205.06	0.00087	127.28	197.99	0.00085
134.35	190.92	0.00082	141.42	183.85	0.00078
144.96	180.31	0.00076	148.49	176.78	0.00074
150.61	174.66	0.00073	152.03	173.24	0.00073
153.44	171.83	0.00072	154.86	170.41	0.00071
156.27	169.00	0.00071	169.00	156.27	0.00059
170.41	154.86	0.00058	171.83	153.44	0.00057
173.24	152.03	0.00055	174.66	150.61	0.00054
176.78	148.49	0.00053	180.31	144.96	0.00050
183.85	141.42	0.00048	190.92	134.35	0.00043
197.99	127.28	0.00038	205.06	120.21	0.00033
212.13	113.14	0.00029	219.20	106.07	0.00025
226.27	98.99	0.00022	233.35	91.92	0.00019
98.99	240.42	0.00070	106.07	233.35	0.00073
113.14	226.27	0.00075	120.21	219.20	0.00076
127.28	212.13	0.00076	134.35	205.06	0.00074
141.42	197.99	0.00070	148.49	190.92	0.00067
152.03	187.38	0.00066	155.56	183.85	0.00065
157.68	181.73	0.00064	159.10	180.31	0.00063
160.51	178.90	0.00063	161.93	177.48	0.00062
163.34	176.07	0.00062	176.07	163.34	0.00052
177.48	161.93	0.00051	178.90	160.51	0.00050
180.31	159.10	0.00049	181.73	157.68	0.00048
183.85	155.56	0.00047	187.38	152.03	0.00045
190.92	148.49	0.00043	197.99	141.42	0.00039
205.06	134.35	0.00035	212.13	127.28	0.00031
219.20	120.21	0.00027	226.27	113.14	0.00024
233.35	106.07	0.00021	240.42	98.99	0.00019
106.07	247.49	0.00064	113.14	240.42	0.00066
120.21	233.35	0.00067	127.28	226.27	0.00067
134.35	219.20	0.00066	141.42	212.13	0.00064
148.49	205.06	0.00061	155.56	197.99	0.00059
159.10	194.45	0.00058	162.63	190.92	0.00057
164.76	188.80	0.00056	166.17	187.38	0.00056
167.58	185.97	0.00055	169.00	184.55	0.00055
170.41	183.14	0.00054	183.14	170.41	0.00046
184.55	169.00	0.00045	185.97	167.58	0.00045
187.38	166.17	0.00044	188.80	164.76	0.00043

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	0.00042	194.45	159.10	0.00040	
197.99	155.56	0.00039	205.06	148.49	0.00035	
212.13	141.42	0.00032	219.20	134.35	0.00028	
226.27	127.28	0.00025	233.35	120.21	0.00023	
240.42	113.14	0.00020	247.49	106.07	0.00018	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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 \*\*MODELOPTs:      \*\*\* 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\_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	0.00026	-240.42	-113.14	0.00028	
-233.35	-120.21	0.00029	-226.27	-127.28	0.00030	
-219.20	-134.35	0.00031	-212.13	-141.42	0.00032	
-205.06	-148.49	0.00033	-197.99	-155.56	0.00034	
-194.45	-159.10	0.00035	-190.92	-162.63	0.00035	
-188.80	-164.76	0.00036	-187.38	-166.17	0.00036	
-185.97	-167.58	0.00036	-184.55	-169.00	0.00036	
-183.14	-170.41	0.00036	-170.41	-183.14	0.00036	
-169.00	-184.55	0.00036	-167.58	-185.97	0.00036	
-166.17	-187.38	0.00036	-164.76	-188.80	0.00036	
-162.63	-190.92	0.00036	-159.10	-194.45	0.00036	
-155.56	-197.99	0.00036	-148.49	-205.06	0.00035	
-141.42	-212.13	0.00034	-134.35	-219.20	0.00033	
-127.28	-226.27	0.00032	-120.21	-233.35	0.00032	
-113.14	-240.42	0.00031	-106.07	-247.49	0.00031	
-240.42	-98.99	0.00028	-233.35	-106.07	0.00029	
-226.27	-113.14	0.00030	-219.20	-120.21	0.00032	
-212.13	-127.28	0.00033	-205.06	-134.35	0.00034	
-197.99	-141.42	0.00036	-190.92	-148.49	0.00037	
-187.38	-152.03	0.00038	-183.85	-155.56	0.00038	
-181.73	-157.68	0.00038	-180.31	-159.10	0.00038	
-178.90	-160.51	0.00039	-177.48	-161.93	0.00039	
-176.07	-163.34	0.00039	-163.34	-176.07	0.00039	



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-161.93	-177.48	0.00039	-160.51	-178.90	0.00039
-159.10	-180.31	0.00039	-157.68	-181.73	0.00039
-155.56	-183.85	0.00039	-152.03	-187.38	0.00039
-148.49	-190.92	0.00038	-141.42	-197.99	0.00037
-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	0.00033
-233.35	-91.92	0.00029	-226.27	-99.00	0.00031
-219.20	-106.07	0.00032	-212.13	-113.14	0.00034
-205.06	-120.21	0.00035	-197.99	-127.28	0.00037
-190.92	-134.35	0.00038	-183.85	-141.42	0.00040
-180.31	-144.96	0.00040	-176.78	-148.49	0.00041
-174.66	-150.61	0.00041	-173.24	-152.03	0.00041
-171.83	-153.44	0.00042	-170.41	-154.86	0.00042
-169.00	-156.27	0.00042	-156.27	-169.00	0.00042
-154.86	-170.41	0.00042	-153.44	-171.83	0.00042
-152.03	-173.24	0.00042	-150.61	-174.66	0.00042

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\_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	0.00042	-144.96	-180.31	0.00042
-141.42	-183.85	0.00041	-134.35	-190.92	0.00040
-127.28	-197.99	0.00039	-120.21	-205.06	0.00038
-113.14	-212.13	0.00037	-106.07	-219.20	0.00037
-98.99	-226.27	0.00036	-91.92	-233.35	0.00035
-226.27	-84.85	0.00031	-219.20	-91.92	0.00033
-212.13	-99.00	0.00035	-205.06	-106.07	0.00036
-197.99	-113.14	0.00038	-190.92	-120.21	0.00039
-183.85	-127.28	0.00041	-176.78	-134.35	0.00043
-173.24	-137.89	0.00044	-169.71	-141.42	0.00044
-167.58	-143.54	0.00045	-166.17	-144.96	0.00045
-164.76	-146.37	0.00045	-163.34	-147.79	0.00045
-161.93	-149.20	0.00045	-149.20	-161.93	0.00046
-147.79	-163.34	0.00046	-146.37	-164.76	0.00046
-144.96	-166.17	0.00046	-143.54	-167.58	0.00046
-141.42	-169.71	0.00045	-137.89	-173.24	0.00045
-134.35	-176.78	0.00045	-127.28	-183.85	0.00044

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-190.92	0.00042	-113.14	-197.99	0.00041
-106.07	-205.06	0.00040	-98.99	-212.13	0.00039
-91.92	-219.20	0.00039	-84.85	-226.27	0.00038
-219.20	-77.78	0.00033	-212.13	-84.85	0.00035
-205.06	-91.92	0.00037	-197.99	-99.00	0.00039
-190.92	-106.07	0.00041	-183.85	-113.14	0.00042
-176.78	-120.21	0.00045	-169.71	-127.28	0.00047
-166.17	-130.81	0.00047	-162.63	-134.35	0.00048
-160.51	-136.47	0.00049	-159.10	-137.89	0.00049
-157.68	-139.30	0.00049	-156.27	-140.71	0.00049
-154.86	-142.13	0.00049	-142.13	-154.86	0.00050
-140.71	-156.27	0.00050	-139.30	-157.68	0.00050
-137.89	-159.10	0.00050	-136.47	-160.51	0.00050
-134.35	-162.63	0.00049	-130.81	-166.17	0.00049
-127.28	-169.71	0.00048	-120.21	-176.78	0.00047
-113.14	-183.85	0.00046	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00043
-84.85	-212.13	0.00042	-77.78	-219.20	0.00041
-212.13	-70.71	0.00034	-205.06	-77.78	0.00037
-197.99	-84.85	0.00039	-190.92	-91.92	0.00042
-183.85	-98.99	0.00044	-176.78	-106.07	0.00046
-169.71	-113.14	0.00048	-162.63	-120.21	0.00051
-159.10	-123.74	0.00052	-155.56	-127.28	0.00053

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

17:53:19  
 \*\*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	0.00053	-152.03	-130.81	0.00053
-150.61	-132.23	0.00054	-149.20	-133.64	0.00054
-147.79	-135.06	0.00054	-135.06	-147.79	0.00055
-133.64	-149.20	0.00055	-132.23	-150.61	0.00055
-130.81	-152.03	0.00054	-129.40	-153.44	0.00054
-127.28	-155.56	0.00054	-123.74	-159.10	0.00053
-120.21	-162.63	0.00053	-113.14	-169.71	0.00051
-106.07	-176.78	0.00050	-98.99	-183.85	0.00048
-91.92	-190.92	0.00047	-84.85	-197.99	0.00046
-77.78	-205.06	0.00045	-70.71	-212.13	0.00044
-205.06	-63.64	0.00036	-197.99	-70.71	0.00039

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-77.78	0.00042	-183.85	-84.85	0.00045
-176.78	-91.92	0.00047	-169.71	-98.99	0.00050
-162.63	-106.07	0.00052	-155.56	-113.14	0.00055
-152.03	-116.67	0.00056	-148.49	-120.21	0.00058
-146.37	-122.33	0.00058	-144.96	-123.74	0.00058
-143.54	-125.16	0.00059	-142.13	-126.57	0.00059
-140.71	-127.99	0.00059	-127.99	-140.71	0.00060
-126.57	-142.13	0.00060	-125.16	-143.54	0.00060
-123.74	-144.96	0.00060	-122.33	-146.37	0.00060
-120.21	-148.49	0.00059	-116.67	-152.03	0.00059
-113.14	-155.56	0.00058	-106.07	-162.63	0.00056
-98.99	-169.71	0.00054	-91.92	-176.78	0.00053
-84.85	-183.85	0.00052	-77.78	-190.92	0.00050
-70.71	-197.99	0.00049	-63.64	-205.06	0.00047
-197.99	-56.57	0.00037	-190.92	-63.64	0.00041
-183.85	-70.71	0.00045	-176.78	-77.78	0.00048
-169.71	-84.85	0.00051	-162.63	-91.92	0.00054
-155.56	-98.99	0.00057	-148.49	-106.07	0.00060
-144.96	-109.60	0.00062	-141.42	-113.14	0.00063
-139.30	-115.26	0.00064	-137.89	-116.67	0.00064
-136.47	-118.09	0.00065	-135.06	-119.50	0.00065
-133.64	-120.92	0.00065	-120.92	-133.64	0.00066
-119.50	-135.06	0.00066	-118.09	-136.47	0.00066
-116.67	-137.89	0.00066	-115.26	-139.30	0.00066
-113.14	-141.42	0.00065	-109.60	-144.96	0.00064
-106.07	-148.49	0.00063	-98.99	-155.56	0.00061
-91.92	-162.63	0.00059	-84.85	-169.71	0.00058
-77.78	-176.78	0.00057	-70.71	-183.85	0.00055
-63.64	-190.92	0.00053	-56.57	-197.99	0.00050

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

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

17:53:19  
 \*\*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
-190.92	-49.50	0.00039	-183.85	-56.57	0.00043
-176.78	-63.64	0.00048	-169.71	-70.71	0.00052
-162.63	-77.78	0.00056	-155.56	-84.85	0.00059
-148.49	-91.92	0.00063	-141.42	-98.99	0.00066
-137.89	-102.53	0.00068	-134.35	-106.07	0.00070

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-132.23	-108.19	0.00071	-130.81	-109.60	0.00071
-129.40	-111.02	0.00072	-127.99	-112.43	0.00072
-126.57	-113.84	0.00072	-113.84	-126.57	0.00074
-112.43	-127.99	0.00073	-111.02	-129.40	0.00073
-109.60	-130.81	0.00073	-108.19	-132.23	0.00073
-106.07	-134.35	0.00072	-102.53	-137.89	0.00071
-98.99	-141.42	0.00070	-91.92	-148.49	0.00068
-84.85	-155.56	0.00065	-77.78	-162.63	0.00064
-70.71	-169.71	0.00062	-63.64	-176.78	0.00060
-56.57	-183.85	0.00057	-49.50	-190.92	0.00053
-183.85	-42.43	0.00041	-176.78	-49.50	0.00046
-169.71	-56.57	0.00051	-162.63	-63.64	0.00056
-155.56	-70.71	0.00061	-148.49	-77.78	0.00065
-141.42	-84.85	0.00069	-134.35	-91.92	0.00073
-130.81	-95.46	0.00075	-127.28	-98.99	0.00077
-125.16	-101.12	0.00079	-123.74	-102.53	0.00079
-122.33	-103.94	0.00080	-120.92	-105.36	0.00080
-119.50	-106.77	0.00081	-106.77	-119.50	0.00082
-105.36	-120.92	0.00082	-103.94	-122.33	0.00082
-102.53	-123.74	0.00081	-101.12	-125.16	0.00081
-98.99	-127.28	0.00080	-95.46	-130.81	0.00079
-91.92	-134.35	0.00078	-84.85	-141.42	0.00075
-77.78	-148.49	0.00073	-70.71	-155.56	0.00071
-63.64	-162.63	0.00068	-56.57	-169.71	0.00065
-49.50	-176.78	0.00061	-42.43	-183.85	0.00056
-176.78	-35.36	0.00042	-169.71	-42.43	0.00048
-162.63	-49.50	0.00054	-155.56	-56.57	0.00060
-148.49	-63.64	0.00066	-141.42	-70.71	0.00071
-134.35	-77.78	0.00076	-127.28	-84.85	0.00081
-123.74	-88.39	0.00084	-120.21	-91.92	0.00086
-118.09	-94.05	0.00088	-116.67	-95.46	0.00089
-115.26	-96.87	0.00089	-113.84	-98.29	0.00090
-112.43	-99.70	0.00091	-99.70	-112.43	0.00092
-98.29	-113.84	0.00092	-96.87	-115.26	0.00092
-95.46	-116.67	0.00091	-94.05	-118.09	0.00091

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      \*\*

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-91.92	-120.21	0.00090	-88.39	-123.74	0.00088	
-84.85	-127.28	0.00087	-77.78	-134.35	0.00083	
-70.71	-141.42	0.00081	-63.64	-148.49	0.00078	
-56.57	-155.56	0.00075	-49.50	-162.63	0.00070	
-42.43	-169.71	0.00064	-35.36	-176.78	0.00058	
-169.71	-28.28	0.00044	-162.63	-35.36	0.00050	
-155.56	-42.43	0.00056	-148.49	-49.50	0.00064	
-141.42	-56.57	0.00071	-134.35	-63.64	0.00078	
-127.28	-70.71	0.00084	-120.21	-77.78	0.00090	
-116.67	-81.32	0.00094	-113.14	-84.85	0.00097	
-111.02	-86.97	0.00099	-109.60	-88.39	0.00100	
-108.19	-89.80	0.00101	-106.77	-91.22	0.00102	
-105.36	-92.63	0.00102	-92.63	-105.36	0.00104	
-91.22	-106.77	0.00104	-89.80	-108.19	0.00104	
-88.39	-109.60	0.00103	-86.97	-111.02	0.00102	
-84.85	-113.14	0.00101	-81.32	-116.67	0.00099	
-77.78	-120.21	0.00097	-70.71	-127.28	0.00094	
-63.64	-134.35	0.00091	-56.57	-141.42	0.00087	
-49.50	-148.49	0.00082	-42.43	-155.56	0.00075	
-35.36	-162.63	0.00068	-28.28	-169.71	0.00060	
-162.63	-21.21	0.00046	-155.56	-28.28	0.00052	
-148.49	-35.36	0.00059	-141.42	-42.43	0.00068	
-134.35	-49.50	0.00077	-127.28	-56.57	0.00086	
-120.21	-63.64	0.00094	-113.14	-70.71	0.00101	
-109.60	-74.25	0.00105	-106.07	-77.78	0.00109	
-103.94	-79.90	0.00111	-102.53	-81.32	0.00113	
-101.12	-82.73	0.00114	-99.70	-84.15	0.00115	
-98.29	-85.56	0.00116	-85.56	-98.29	0.00119	
-84.15	-99.70	0.00118	-82.73	-101.12	0.00118	
-81.32	-102.53	0.00117	-79.90	-103.94	0.00116	
-77.78	-106.07	0.00115	-74.25	-109.60	0.00112	
-70.71	-113.14	0.00110	-63.64	-120.21	0.00106	
-56.57	-127.28	0.00102	-49.50	-134.35	0.00097	
-42.43	-141.42	0.00089	-35.36	-148.49	0.00080	
-28.28	-155.56	0.00071	-21.21	-162.63	0.00062	
-155.56	-14.14	0.00047	-148.49	-21.21	0.00054	
-141.42	-28.28	0.00062	-134.35	-35.36	0.00072	
-127.28	-42.43	0.00082	-120.21	-49.50	0.00094	
-113.14	-56.57	0.00105	-106.07	-63.64	0.00114	
-102.53	-67.18	0.00119	-98.99	-70.71	0.00124	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:53:19  
\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00127	-95.46	-74.25	0.00129
-94.05	-75.66	0.00130	-92.63	-77.07	0.00132
-91.22	-78.49	0.00133	-78.49	-91.22	0.00137
-77.07	-92.63	0.00136	-75.66	-94.05	0.00135
-74.25	-95.46	0.00134	-72.83	-96.87	0.00133
-70.71	-98.99	0.00131	-67.18	-102.53	0.00128
-63.64	-106.07	0.00126	-56.57	-113.14	0.00121
-49.50	-120.21	0.00115	-42.43	-127.28	0.00106
-35.36	-134.35	0.00096	-28.28	-141.42	0.00084
-21.21	-148.49	0.00073	-14.14	-155.56	0.00064
-148.49	-7.07	0.00049	-141.42	-14.14	0.00056
-134.35	-21.21	0.00065	-127.28	-28.28	0.00076
-120.21	-35.36	0.00088	-113.14	-42.43	0.00102
-106.07	-49.50	0.00116	-98.99	-56.57	0.00130
-95.46	-60.10	0.00135	-91.92	-63.64	0.00141
-89.80	-65.76	0.00145	-88.39	-67.18	0.00148
-86.97	-68.59	0.00150	-85.56	-70.00	0.00152
-84.15	-71.42	0.00154	-71.42	-84.15	0.00158
-70.00	-85.56	0.00157	-68.59	-86.97	0.00156
-67.18	-88.39	0.00155	-65.76	-89.80	0.00153
-63.64	-91.92	0.00151	-60.10	-95.46	0.00148
-56.57	-98.99	0.00145	-49.50	-106.07	0.00138
-42.43	-113.14	0.00129	-35.36	-120.21	0.00116
-28.28	-127.28	0.00102	-21.21	-134.35	0.00088
-14.14	-141.42	0.00075	-7.07	-148.49	0.00065
-141.42	0.00	0.00050	-134.35	-7.07	0.00058
-127.28	-14.14	0.00068	-120.21	-21.21	0.00080
-113.14	-28.28	0.00094	-106.07	-35.36	0.00110
-98.99	-42.43	0.00129	-91.92	-49.50	0.00147
-88.39	-53.03	0.00155	-84.85	-56.57	0.00162
-82.73	-58.69	0.00167	-81.32	-60.10	0.00170
-79.90	-61.52	0.00173	-78.49	-62.93	0.00176
-77.07	-64.35	0.00179	-64.35	-77.07	0.00185
-62.93	-78.49	0.00184	-61.52	-79.90	0.00182
-60.10	-81.32	0.00180	-58.69	-82.73	0.00179
-56.57	-84.85	0.00176	-53.03	-88.39	0.00172
-49.50	-91.92	0.00168	-42.43	-98.99	0.00158

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-106.07	0.00142	-28.28	-113.14	0.00124
-21.21	-120.21	0.00107	-14.14	-127.28	0.00091
-7.07	-134.35	0.00077	0.00	-141.42	0.00065

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	7.07	0.00051	-127.28	0.00	0.00060
-120.21	-7.07	0.00070	-113.14	-14.14	0.00083
-106.07	-21.21	0.00099	-98.99	-28.28	0.00119
-91.92	-35.36	0.00141	-84.85	-42.43	0.00165
-81.32	-45.96	0.00177	-77.78	-49.50	0.00187
-75.66	-51.62	0.00194	-74.25	-53.03	0.00198
-72.83	-54.45	0.00202	-71.42	-55.86	0.00206
-70.00	-57.28	0.00209	-57.28	-70.00	0.00218
-55.86	-71.42	0.00216	-54.45	-72.83	0.00214
-53.03	-74.25	0.00212	-51.62	-75.66	0.00210
-49.50	-77.78	0.00207	-45.96	-81.32	0.00202
-42.43	-84.85	0.00196	-35.36	-91.92	0.00178
-28.28	-98.99	0.00155	-21.21	-106.07	0.00132
-14.14	-113.14	0.00111	-7.07	-120.21	0.00093
0.00	-127.28	0.00078	7.07	-134.35	0.00066
-127.28	14.14	0.00051	-120.21	7.07	0.00060
-113.14	0.00	0.00071	-106.07	-7.07	0.00086
-98.99	-14.14	0.00104	-91.92	-21.21	0.00126
-84.85	-28.28	0.00153	-77.78	-35.36	0.00183
-74.25	-38.89	0.00200	-70.71	-42.43	0.00216
-68.59	-44.55	0.00225	-67.18	-45.96	0.00230
-65.76	-47.38	0.00235	-64.35	-48.79	0.00241
-62.93	-50.20	0.00246	-50.20	-62.93	0.00259
-48.79	-64.35	0.00256	-47.38	-65.76	0.00254
-45.96	-67.18	0.00251	-44.55	-68.59	0.00249
-42.43	-70.71	0.00246	-38.89	-74.25	0.00238
-35.36	-77.78	0.00226	-28.28	-84.85	0.00196
-21.21	-91.92	0.00165	-14.14	-98.99	0.00137
-7.07	-106.07	0.00114	0.00	-113.14	0.00094
7.07	-120.21	0.00079	14.14	-127.28	0.00067
-120.21	21.21	0.00050	-113.14	14.14	0.00060

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	7.07	0.00072	-98.99	0.00	0.00087
-91.92	-7.07	0.00106	-84.85	-14.14	0.00132
-77.78	-21.21	0.00163	-70.71	-28.28	0.00201
-67.18	-31.82	0.00222	-63.64	-35.36	0.00245
-61.52	-37.48	0.00258	-60.10	-38.89	0.00266
-58.69	-40.31	0.00275	-57.28	-41.72	0.00282
-55.86	-43.13	0.00290	-43.13	-55.86	0.00310
-41.72	-57.28	0.00308	-40.31	-58.69	0.00305
-38.89	-60.10	0.00302	-37.48	-61.52	0.00298

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 70  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00290	-31.82	-67.18	0.00273
-28.28	-70.71	0.00252	-21.21	-77.78	0.00211
-14.14	-84.85	0.00174	-7.07	-91.92	0.00142
0.00	-98.99	0.00116	7.07	-106.07	0.00096
14.14	-113.14	0.00080	21.21	-120.21	0.00067
-113.14	28.28	0.00049	-106.07	21.21	0.00059
-98.99	14.14	0.00071	-91.92	7.07	0.00086
-84.85	0.00	0.00106	-77.78	-7.07	0.00134
-70.71	-14.14	0.00169	-63.64	-21.21	0.00214
-60.10	-24.75	0.00241	-56.57	-28.28	0.00270
-54.45	-30.41	0.00289	-53.03	-31.82	0.00302
-51.62	-33.23	0.00316	-50.20	-34.65	0.00328
-48.79	-36.06	0.00341	-36.06	-48.79	0.00379
-34.65	-50.20	0.00373	-33.23	-51.62	0.00366
-31.82	-53.03	0.00358	-30.41	-54.45	0.00347
-28.28	-56.57	0.00330	-24.75	-60.10	0.00302
-21.21	-63.64	0.00273	-14.14	-70.71	0.00223
-7.07	-77.78	0.00180	0.00	-84.85	0.00145
7.07	-91.92	0.00117	14.14	-98.99	0.00096
21.21	-106.07	0.00079	28.28	-113.14	0.00067
-106.07	35.36	0.00047	-98.99	28.28	0.00057
-91.92	21.21	0.00069	-84.85	14.14	0.00084
-77.78	7.07	0.00105	-70.71	0.00	0.00132
-63.64	-7.07	0.00169	-56.57	-14.14	0.00219
-53.03	-17.68	0.00249	-49.50	-21.21	0.00285



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-47.38	-23.33	0.00309	-45.96	-24.75	0.00327
-44.55	-26.16	0.00347	-43.13	-27.58	0.00370
-41.72	-28.99	0.00395	-28.99	-41.72	0.00458
-27.58	-43.13	0.00438	-26.16	-44.55	0.00419
-24.75	-45.96	0.00402	-23.33	-47.38	0.00385
-21.21	-49.50	0.00361	-17.68	-53.03	0.00323
-14.14	-56.57	0.00289	-7.07	-63.64	0.00231
0.00	-70.71	0.00183	7.07	-77.78	0.00145
14.14	-84.85	0.00116	21.21	-91.92	0.00094
28.28	-98.99	0.00077	35.36	-106.07	0.00065
-98.99	42.43	0.00046	-91.92	35.36	0.00055
-84.85	28.28	0.00067	-77.78	21.21	0.00082
-70.71	14.14	0.00102	-63.64	7.07	0.00129
-56.57	0.00	0.00168	-49.50	-7.07	0.00220
-45.96	-10.61	0.00253	-42.43	-14.14	0.00293

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

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

17:53:19

\*\*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	0.00322	-38.89	-17.68	0.00345
-37.48	-19.09	0.00372	-36.06	-20.51	0.00407
-34.65	-21.92	0.00455	-21.92	-34.65	0.00497
-20.51	-36.06	0.00467	-19.09	-37.48	0.00441
-17.68	-38.89	0.00419	-16.26	-40.31	0.00398
-14.14	-42.43	0.00370	-10.61	-45.96	0.00328
-7.07	-49.50	0.00291	0.00	-56.57	0.00227
7.07	-63.64	0.00177	14.14	-70.71	0.00139
21.21	-77.78	0.00111	28.28	-84.85	0.00090
35.36	-91.92	0.00074	42.43	-98.99	0.00062
-91.92	49.50	0.00044	-84.85	42.43	0.00053
-77.78	35.36	0.00065	-70.71	28.28	0.00081
-63.64	21.21	0.00102	-56.57	14.14	0.00131
-49.50	7.07	0.00175	-42.43	0.00	0.00243
-38.89	-3.54	0.00293	-35.36	-7.07	0.00362
-33.23	-9.19	0.00416	-31.82	-10.61	0.00459
-30.41	-12.02	0.00507	-28.99	-13.44	0.00564
-27.58	-14.85	0.00630	-14.85	-27.58	0.00521
-13.44	-28.99	0.00482	-12.02	-30.41	0.00450

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-10.61	-31.82	0.00424	-9.19	-33.23	0.00401
-7.07	-35.36	0.00370	-3.54	-38.89	0.00325
0.00	-42.43	0.00285	7.07	-49.50	0.00218
14.14	-56.57	0.00167	21.21	-63.64	0.00130
28.28	-70.71	0.00104	35.36	-77.78	0.00084
42.43	-84.85	0.00070	49.50	-91.92	0.00059
-84.85	56.57	0.00044	-77.78	49.50	0.00054
-70.71	42.43	0.00066	-63.64	35.36	0.00084
-56.57	28.28	0.00108	-49.50	21.21	0.00144
-42.43	14.14	0.00201	-35.36	7.07	0.00297
-31.82	3.54	0.00368	-28.28	0.00	0.00455
-26.16	-2.12	0.00517	-24.75	-3.54	0.00562
-23.33	-4.95	0.00611	-21.92	-6.36	0.00665
-20.51	-7.78	0.00727	-7.78	-20.51	0.00542
-6.36	-21.92	0.00496	-4.95	-23.33	0.00459
-3.54	-24.75	0.00428	-2.12	-26.16	0.00401
0.00	-28.28	0.00366	3.54	-31.82	0.00316
7.07	-35.36	0.00274	14.14	-42.43	0.00206
21.21	-49.50	0.00156	28.28	-56.57	0.00121
35.36	-63.64	0.00097	42.43	-70.71	0.00079
49.50	-77.78	0.00066	56.57	-84.85	0.00055

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

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

17:53:19

\*\*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	0.00046	-70.71	56.57	0.00056
-63.64	49.50	0.00071	-56.57	42.43	0.00092
-49.50	35.36	0.00122	-42.43	28.28	0.00167
-35.36	21.21	0.00238	-28.28	14.14	0.00349
-24.75	10.61	0.00424	-21.21	7.07	0.00513
-19.09	4.95	0.00574	-17.68	3.54	0.00617
-16.26	2.12	0.00664	-14.85	0.71	0.00714
-13.44	-0.71	0.00772	-0.71	-13.44	0.00549
0.71	-14.85	0.00499	2.12	-16.26	0.00459
3.54	-17.68	0.00425	4.95	-19.09	0.00395
7.07	-21.21	0.00357	10.61	-24.75	0.00302
14.14	-28.28	0.00257	21.21	-35.36	0.00189
28.28	-42.43	0.00143	35.36	-49.50	0.00112

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-56.57	0.00090	49.50	-63.64	0.00074
56.57	-70.71	0.00061	63.64	-77.78	0.00052
-70.71	70.71	0.00050	-63.64	63.64	0.00062
-56.57	56.57	0.00079	-49.50	49.50	0.00104
-42.43	42.43	0.00140	-35.36	35.36	0.00193
-28.28	28.28	0.00271	-21.21	21.21	0.00383
-17.68	17.68	0.00455	-14.14	14.14	0.00541
-12.02	12.02	0.00598	-10.61	10.61	0.00639
-9.19	9.19	0.00683	-7.78	7.78	0.00731
-6.36	6.36	0.00785	6.36	-6.36	0.00540
7.78	-7.78	0.00488	9.19	-9.19	0.00447
10.61	-10.61	0.00411	12.02	-12.02	0.00379
14.14	-14.14	0.00338	17.68	-17.68	0.00280
21.21	-21.21	0.00234	28.28	-28.28	0.00170
35.36	-35.36	0.00130	42.43	-42.43	0.00103
49.50	-49.50	0.00083	56.57	-56.57	0.00068
63.64	-63.64	0.00057	70.71	-70.71	0.00048
-63.64	77.78	0.00056	-56.57	70.71	0.00071
-49.50	63.64	0.00090	-42.43	56.57	0.00118
-35.36	49.50	0.00158	-28.28	42.43	0.00215
-21.21	35.36	0.00294	-14.14	28.28	0.00401
-10.61	24.75	0.00468	-7.07	21.21	0.00547
-4.95	19.09	0.00600	-3.54	17.68	0.00639
-2.12	16.26	0.00680	-0.71	14.85	0.00725
0.71	13.44	0.00776	13.44	0.71	0.00514
14.85	-0.71	0.00462	16.26	-2.12	0.00420
17.68	-3.54	0.00383	19.09	-4.95	0.00350

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	0.00307	24.75	-10.61	0.00250
28.28	-14.14	0.00208	35.36	-21.21	0.00151
42.43	-28.28	0.00117	49.50	-35.36	0.00093
56.57	-42.43	0.00075	63.64	-49.50	0.00062
70.71	-56.57	0.00052	77.78	-63.64	0.00044
-56.57	84.85	0.00065	-49.50	77.78	0.00081
-42.43	70.71	0.00103	-35.36	63.64	0.00134

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	56.57	0.00176	-21.21	49.50	0.00232
-14.14	42.43	0.00308	-7.07	35.36	0.00408
-3.54	31.82	0.00469	0.00	28.28	0.00540
2.12	26.16	0.00587	3.54	24.75	0.00622
4.95	23.33	0.00659	6.36	21.92	0.00701
7.78	20.51	0.00749	20.51	7.78	0.00471
21.92	6.36	0.00418	23.33	4.95	0.00375
24.75	3.54	0.00338	26.16	2.12	0.00307
28.28	0.00	0.00267	31.82	-3.54	0.00217
35.36	-7.07	0.00181	42.43	-14.14	0.00134
49.50	-21.21	0.00104	56.57	-28.28	0.00083
63.64	-35.36	0.00067	70.71	-42.43	0.00055
77.78	-49.50	0.00046	84.85	-56.57	0.00039
-49.50	91.92	0.00074	-42.43	84.85	0.00092
-35.36	77.78	0.00117	-28.28	70.71	0.00149
-21.21	63.64	0.00192	-14.14	56.57	0.00247
-7.07	49.50	0.00318	0.00	42.43	0.00410
3.54	38.89	0.00465	7.07	35.36	0.00527
9.19	33.23	0.00567	10.61	31.82	0.00596
12.02	30.41	0.00628	13.44	28.99	0.00664
14.85	27.58	0.00707	27.58	14.85	0.00406
28.99	13.44	0.00355	30.41	12.02	0.00315
31.82	10.61	0.00283	33.23	9.19	0.00257
35.36	7.07	0.00226	38.89	3.54	0.00186
42.43	0.00	0.00157	49.50	-7.07	0.00117
56.57	-14.14	0.00090	63.64	-21.21	0.00072
70.71	-28.28	0.00059	77.78	-35.36	0.00049
84.85	-42.43	0.00041	91.92	-49.50	0.00035
-42.43	98.99	0.00083	-35.36	91.92	0.00103
-28.28	84.85	0.00129	-21.21	77.78	0.00162
-14.14	70.71	0.00205	-7.07	63.64	0.00259
0.00	56.57	0.00327	7.07	49.50	0.00412
10.61	45.96	0.00462	14.14	42.43	0.00515

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00549	17.68	38.89	0.00573

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

19.09	37.48	0.00598	20.51	36.06	0.00625
21.92	34.65	0.00656	34.65	21.92	0.00323
36.06	20.51	0.00286	37.48	19.09	0.00257
38.89	17.68	0.00234	40.31	16.26	0.00215
42.43	14.14	0.00190	45.96	10.61	0.00159
49.50	7.07	0.00135	56.57	0.00	0.00102
63.64	-7.07	0.00079	70.71	-14.14	0.00064
77.78	-21.21	0.00052	84.85	-28.28	0.00044
91.92	-35.36	0.00037	98.99	-42.43	0.00032
-35.36	106.07	0.00092	-28.28	98.99	0.00113
-21.21	91.92	0.00140	-14.14	84.85	0.00173
-7.07	77.78	0.00215	0.00	70.71	0.00267
7.07	63.64	0.00332	14.14	56.57	0.00413
17.68	53.03	0.00458	21.21	49.50	0.00505
23.33	47.38	0.00534	24.75	45.96	0.00552
26.16	44.55	0.00569	27.58	43.13	0.00584
28.99	41.72	0.00592	41.72	28.99	0.00274
43.13	27.58	0.00248	44.55	26.16	0.00226
45.96	24.75	0.00208	47.38	23.33	0.00192
49.50	21.21	0.00171	53.03	17.68	0.00144
56.57	14.14	0.00123	63.64	7.07	0.00093
70.71	0.00	0.00073	77.78	-7.07	0.00059
84.85	-14.14	0.00049	91.92	-21.21	0.00041
98.99	-28.28	0.00035	106.07	-35.36	0.00030
-28.28	113.14	0.00100	-21.21	106.07	0.00121
-14.14	98.99	0.00147	-7.07	91.92	0.00179
0.00	84.85	0.00219	7.07	77.78	0.00267
14.14	70.71	0.00324	21.21	63.64	0.00385
24.75	60.10	0.00411	28.28	56.57	0.00428
30.41	54.45	0.00430	31.82	53.03	0.00428
33.23	51.62	0.00423	34.65	50.20	0.00415
36.06	48.79	0.00404	48.79	36.06	0.00234
50.20	34.65	0.00217	51.62	33.23	0.00202
53.03	31.82	0.00187	54.45	30.41	0.00174
56.57	28.28	0.00157	60.10	24.75	0.00133
63.64	21.21	0.00114	70.71	14.14	0.00087
77.78	7.07	0.00069	84.85	0.00	0.00056
91.92	-7.07	0.00046	98.99	-14.14	0.00039
106.07	-21.21	0.00033	113.14	-28.28	0.00029

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

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

17:53:19

\*\*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	0.00105	-14.14	113.14	0.00126	
-7.07	106.07	0.00150	0.00	98.99	0.00180	
7.07	91.92	0.00214	14.14	84.85	0.00253	
21.21	77.78	0.00292	28.28	70.71	0.00319	
31.82	67.18	0.00324	35.36	63.64	0.00321	
37.48	61.52	0.00315	38.89	60.10	0.00309	
40.31	58.69	0.00303	41.72	57.28	0.00295	
43.13	55.86	0.00287	55.86	43.13	0.00192	
57.28	41.72	0.00182	58.69	40.31	0.00172	
60.10	38.89	0.00162	61.52	37.48	0.00153	
63.64	35.36	0.00140	67.18	31.82	0.00121	
70.71	28.28	0.00105	77.78	21.21	0.00081	
84.85	14.14	0.00064	91.92	7.07	0.00052	
98.99	0.00	0.00044	106.07	-7.07	0.00037	
113.14	-14.14	0.00032	120.21	-21.21	0.00027	
-14.14	127.28	0.00108	-7.07	120.21	0.00127	
0.00	113.14	0.00148	7.07	106.07	0.00173	
14.14	98.99	0.00200	21.21	91.92	0.00226	
28.28	84.85	0.00246	35.36	77.78	0.00252	
38.89	74.25	0.00250	42.43	70.71	0.00243	
44.55	68.59	0.00236	45.96	67.18	0.00232	
47.38	65.76	0.00227	48.79	64.35	0.00222	
50.20	62.93	0.00217	62.93	50.20	0.00156	
64.35	48.79	0.00150	65.76	47.38	0.00144	
67.18	45.96	0.00138	68.59	44.55	0.00131	
70.71	42.43	0.00122	74.25	38.89	0.00108	
77.78	35.36	0.00096	84.85	28.28	0.00075	
91.92	21.21	0.00060	98.99	14.14	0.00049	
106.07	7.07	0.00041	113.14	0.00	0.00035	
120.21	-7.07	0.00030	127.28	-14.14	0.00026	
-7.07	134.35	0.00107	0.00	127.28	0.00124	
7.07	120.21	0.00142	14.14	113.14	0.00160	
21.21	106.07	0.00179	28.28	98.99	0.00194	
35.36	91.92	0.00201	42.43	84.85	0.00200	
45.96	81.32	0.00195	49.50	77.78	0.00188	
51.62	75.66	0.00183	53.03	74.25	0.00180	
54.45	72.83	0.00177	55.86	71.42	0.00174	
57.28	70.00	0.00171	70.00	57.28	0.00129	
71.42	55.86	0.00124	72.83	54.45	0.00120	

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

74.25 53.03 0.00116 75.66 51.62 0.00112

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

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

17:53:19

\*\*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	0.00106	81.32	45.96	0.00096
84.85	42.43	0.00086	91.92	35.36	0.00069
98.99	28.28	0.00056	106.07	21.21	0.00046
113.14	14.14	0.00038	120.21	7.07	0.00033
127.28	0.00	0.00028	134.35	-7.07	0.00025
0.00	141.42	0.00104	7.07	134.35	0.00117
14.14	127.28	0.00131	21.21	120.21	0.00145
28.28	113.14	0.00156	35.36	106.07	0.00163
42.43	98.99	0.00165	49.50	91.92	0.00161
53.03	88.39	0.00156	56.57	84.85	0.00150
58.69	82.73	0.00146	60.10	81.32	0.00144
61.52	79.90	0.00142	62.93	78.49	0.00140
64.35	77.07	0.00138	77.07	64.35	0.00108
78.49	62.93	0.00104	79.90	61.52	0.00101
81.32	60.10	0.00098	82.73	58.69	0.00095
84.85	56.57	0.00091	88.39	53.03	0.00084
91.92	49.50	0.00077	98.99	42.43	0.00063
106.07	35.36	0.00052	113.14	28.28	0.00043
120.21	21.21	0.00036	127.28	14.14	0.00031
134.35	7.07	0.00027	141.42	0.00	0.00023
7.07	148.49	0.00099	14.14	141.42	0.00109
21.21	134.35	0.00119	28.28	127.28	0.00128
35.36	120.21	0.00134	42.43	113.14	0.00138
49.50	106.07	0.00137	56.57	98.99	0.00131
60.10	95.46	0.00127	63.64	91.92	0.00122
65.76	89.80	0.00120	67.18	88.39	0.00119
68.59	86.97	0.00117	70.00	85.56	0.00116
71.42	84.15	0.00114	84.15	71.42	0.00091
85.56	70.00	0.00089	86.97	68.59	0.00086
88.39	67.18	0.00084	89.80	65.76	0.00082
91.92	63.64	0.00079	95.46	60.10	0.00073
98.99	56.57	0.00068	106.07	49.50	0.00057
113.14	42.43	0.00048	120.21	35.36	0.00041

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	28.28	0.00034	134.35	21.21	0.00029
141.42	14.14	0.00025	148.49	7.07	0.00022
14.14	155.56	0.00092	21.21	148.49	0.00100
28.28	141.42	0.00107	35.36	134.35	0.00112
42.43	127.28	0.00116	49.50	120.21	0.00117
56.57	113.14	0.00114	63.64	106.07	0.00108
67.18	102.53	0.00105	70.71	98.99	0.00102

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

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

17:53:19

\*\*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	0.00100	74.25	95.46	0.00099
75.66	94.05	0.00098	77.07	92.63	0.00097
78.49	91.22	0.00096	91.22	78.49	0.00078
92.63	77.07	0.00076	94.05	75.66	0.00074
95.46	74.25	0.00072	96.87	72.83	0.00071
98.99	70.71	0.00068	102.53	67.18	0.00064
106.07	63.64	0.00060	113.14	56.57	0.00052
120.21	49.50	0.00045	127.28	42.43	0.00038
134.35	35.36	0.00032	141.42	28.28	0.00028
148.49	21.21	0.00024	155.56	14.14	0.00021
21.21	162.63	0.00085	28.28	155.56	0.00090
35.36	148.49	0.00095	42.43	141.42	0.00098
49.50	134.35	0.00100	56.57	127.28	0.00099
63.64	120.21	0.00096	70.71	113.14	0.00091
74.25	109.60	0.00089	77.78	106.07	0.00086
79.90	103.94	0.00085	81.32	102.53	0.00085
82.73	101.12	0.00084	84.15	99.70	0.00083
85.56	98.29	0.00082	98.29	85.56	0.00068
99.70	84.15	0.00066	101.12	82.73	0.00064
102.53	81.32	0.00063	103.94	79.90	0.00062
106.07	77.78	0.00060	109.60	74.25	0.00057
113.14	70.71	0.00054	120.21	63.64	0.00047
127.28	56.57	0.00041	134.35	49.50	0.00035
141.42	42.43	0.00031	148.49	35.36	0.00026
155.56	28.28	0.00023	162.63	21.21	0.00020
28.28	169.71	0.00077	35.36	162.63	0.00081
42.43	155.56	0.00084	49.50	148.49	0.00086



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	141.42	0.00087	63.64	134.35	0.00085
70.71	127.28	0.00082	77.78	120.21	0.00078
81.32	116.67	0.00076	84.85	113.14	0.00074
86.97	111.02	0.00073	88.39	109.60	0.00073
89.80	108.19	0.00072	91.22	106.77	0.00071
92.63	105.36	0.00071	105.36	92.63	0.00059
106.77	91.22	0.00058	108.19	89.80	0.00057
109.60	88.39	0.00055	111.02	86.97	0.00054
113.14	84.85	0.00053	116.67	81.32	0.00050
120.21	77.78	0.00048	127.28	70.71	0.00043
134.35	63.64	0.00038	141.42	56.57	0.00033
148.49	49.50	0.00029	155.56	42.43	0.00025
162.63	35.36	0.00022	169.71	28.28	0.00019

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
35.36	176.78	0.00070	42.43	169.71	0.00073
49.50	162.63	0.00075	56.57	155.56	0.00076
63.64	148.49	0.00076	70.71	141.42	0.00074
77.78	134.35	0.00070	84.85	127.28	0.00067
88.39	123.74	0.00066	91.92	120.21	0.00065
94.05	118.09	0.00064	95.46	116.67	0.00063
96.87	115.26	0.00063	98.29	113.84	0.00062
99.70	112.43	0.00062	112.43	99.70	0.00052
113.84	98.29	0.00051	115.26	96.87	0.00050
116.67	95.46	0.00049	118.09	94.05	0.00048
120.21	91.92	0.00047	123.74	88.39	0.00045
127.28	84.85	0.00043	134.35	77.78	0.00039
141.42	70.71	0.00035	148.49	63.64	0.00031
155.56	56.57	0.00027	162.63	49.50	0.00024
169.71	42.43	0.00021	176.78	35.36	0.00019
42.43	183.85	0.00064	49.50	176.78	0.00066
56.57	169.71	0.00067	63.64	162.63	0.00067
70.71	155.56	0.00066	77.78	148.49	0.00064
84.85	141.42	0.00061	91.92	134.35	0.00059
95.46	130.81	0.00058	98.99	127.28	0.00057
101.12	125.16	0.00056	102.53	123.74	0.00056

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

103.94	122.33	0.00055	105.36	120.92	0.00055
106.77	119.50	0.00054	119.50	106.77	0.00046
120.92	105.36	0.00045	122.33	103.94	0.00045
123.74	102.53	0.00044	125.16	101.12	0.00043
127.28	98.99	0.00042	130.81	95.46	0.00040
134.35	91.92	0.00039	141.42	84.85	0.00035
148.49	77.78	0.00032	155.56	70.71	0.00028
162.63	63.64	0.00025	169.71	56.57	0.00023
176.78	49.50	0.00020	183.85	42.43	0.00018
49.50	190.92	0.00058	56.57	183.85	0.00059
63.64	176.78	0.00060	70.71	169.71	0.00060
77.78	162.63	0.00058	84.85	155.56	0.00056
91.92	148.49	0.00054	98.99	141.42	0.00052
102.53	137.89	0.00051	106.07	134.35	0.00050
108.19	132.23	0.00050	109.60	130.81	0.00049
111.02	129.40	0.00049	112.43	127.99	0.00049
113.84	126.57	0.00048	126.57	113.84	0.00041
127.99	112.43	0.00041	129.40	111.02	0.00040
130.81	109.60	0.00039	132.23	108.19	0.00039

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	0.00038	137.89	102.53	0.00036
141.42	98.99	0.00035	148.49	91.92	0.00032
155.56	84.85	0.00029	162.63	77.78	0.00026
169.71	70.71	0.00024	176.78	63.64	0.00021
183.85	56.57	0.00019	190.92	49.50	0.00017
56.57	197.99	0.00053	63.64	190.92	0.00053
70.71	183.85	0.00054	77.78	176.78	0.00053
84.85	169.71	0.00051	91.92	162.63	0.00050
98.99	155.56	0.00048	106.07	148.49	0.00046
109.60	144.96	0.00045	113.14	141.42	0.00045
115.26	139.30	0.00044	116.67	137.89	0.00044
118.09	136.47	0.00044	119.50	135.06	0.00043
120.92	133.64	0.00043	133.64	120.92	0.00037
135.06	119.50	0.00037	136.47	118.09	0.00036
137.89	116.67	0.00035	139.30	115.26	0.00035

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

141.42	113.14	0.00034	144.96	109.60	0.00033
148.49	106.07	0.00032	155.56	98.99	0.00029
162.63	91.92	0.00027	169.71	84.85	0.00025
176.78	77.78	0.00022	183.85	70.71	0.00020
190.92	63.64	0.00018	197.99	56.57	0.00016
63.64	205.06	0.00048	70.71	197.99	0.00048
77.78	190.92	0.00048	84.85	183.85	0.00047
91.92	176.78	0.00046	98.99	169.71	0.00044
106.07	162.63	0.00042	113.14	155.56	0.00041
116.67	152.03	0.00041	120.21	148.49	0.00040
122.33	146.37	0.00040	123.74	144.96	0.00040
125.16	143.54	0.00039	126.57	142.13	0.00039
127.99	140.71	0.00039	140.71	127.99	0.00034
142.13	126.57	0.00033	143.54	125.16	0.00033
144.96	123.74	0.00032	146.37	122.33	0.00032
148.49	120.21	0.00031	152.03	116.67	0.00030
155.56	113.14	0.00029	162.63	106.07	0.00027
169.71	98.99	0.00025	176.78	91.92	0.00023
183.85	84.85	0.00021	190.92	77.78	0.00019
197.99	70.71	0.00017	205.06	63.64	0.00016
70.71	212.13	0.00044	77.78	205.06	0.00044
84.85	197.99	0.00043	91.92	190.92	0.00042
98.99	183.85	0.00041	106.07	176.78	0.00039
113.14	169.71	0.00038	120.21	162.63	0.00037
123.74	159.10	0.00037	127.28	155.56	0.00036

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	0.00036	130.81	152.03	0.00036
132.23	150.61	0.00035	133.64	149.20	0.00035
135.06	147.79	0.00035	147.79	135.06	0.00031
149.20	133.64	0.00030	150.61	132.23	0.00030
152.03	130.81	0.00029	153.44	129.40	0.00029
155.56	127.28	0.00028	159.10	123.74	0.00027
162.63	120.21	0.00026	169.71	113.14	0.00025
176.78	106.07	0.00023	183.85	98.99	0.00021
190.92	91.92	0.00020	197.99	84.85	0.00018

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	77.78	0.00016	212.13	70.71	0.00015
77.78	219.20	0.00040	84.85	212.13	0.00040
91.92	205.06	0.00039	98.99	197.99	0.00038
106.07	190.92	0.00037	113.14	183.85	0.00036
120.21	176.78	0.00035	127.28	169.71	0.00034
130.81	166.17	0.00033	134.35	162.63	0.00033
136.47	160.51	0.00033	137.89	159.10	0.00032
139.30	157.68	0.00032	140.71	156.27	0.00032
142.13	154.86	0.00032	154.86	142.13	0.00028
156.27	140.71	0.00028	157.68	139.30	0.00027
159.10	137.89	0.00027	160.51	136.47	0.00026
162.63	134.35	0.00026	166.17	130.81	0.00025
169.71	127.28	0.00024	176.78	120.21	0.00023
183.85	113.14	0.00022	190.92	106.07	0.00020
197.99	98.99	0.00018	205.06	91.92	0.00017
212.13	84.85	0.00015	219.20	77.78	0.00014
84.85	226.27	0.00037	91.92	219.20	0.00036
98.99	212.13	0.00036	106.07	205.06	0.00034
113.14	197.99	0.00033	120.21	190.92	0.00032
127.28	183.85	0.00031	134.35	176.78	0.00031
137.89	173.24	0.00030	141.42	169.71	0.00030
143.54	167.58	0.00030	144.96	166.17	0.00030
146.37	164.76	0.00029	147.79	163.34	0.00029
149.20	161.93	0.00029	161.93	149.20	0.00026
163.34	147.79	0.00025	164.76	146.37	0.00025
166.17	144.96	0.00025	167.58	143.54	0.00024
169.71	141.42	0.00024	173.24	137.89	0.00023
176.78	134.35	0.00022	183.85	127.28	0.00021
190.92	120.21	0.00020	197.99	113.14	0.00019
205.06	106.07	0.00017	212.13	98.99	0.00016
219.20	91.92	0.00015	226.27	84.85	0.00014

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	0.00034	98.99	226.27	0.00033
106.07	219.20	0.00032	113.14	212.13	0.00031
120.21	205.06	0.00030	127.28	197.99	0.00029

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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 ,

12NCRA\_NAPA95-300\_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	0.00019	194.45	159.10	0.00018
197.99	155.56	0.00018	205.06	148.49	0.00017
212.13	141.42	0.00016	219.20	134.35	0.00015
226.27	127.28	0.00015	233.35	120.21	0.00014
240.42	113.14	0.00013	247.49	106.07	0.00012

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	0.00041	-240.42	-113.14	0.00046
-233.35	-120.21	0.00051	-226.27	-127.28	0.00056
-219.20	-134.35	0.00061	-212.13	-141.42	0.00065
-205.06	-148.49	0.00069	-197.99	-155.56	0.00073
-194.45	-159.10	0.00075	-190.92	-162.63	0.00077
-188.80	-164.76	0.00079	-187.38	-166.17	0.00079
-185.97	-167.58	0.00080	-184.55	-169.00	0.00080
-183.14	-170.41	0.00081	-170.41	-183.14	0.00082
-169.00	-184.55	0.00082	-167.58	-185.97	0.00082
-166.17	-187.38	0.00081	-164.76	-188.80	0.00081
-162.63	-190.92	0.00080	-159.10	-194.45	0.00079
-155.56	-197.99	0.00078	-148.49	-205.06	0.00075
-141.42	-212.13	0.00073	-134.35	-219.20	0.00071
-127.28	-226.27	0.00068	-120.21	-233.35	0.00065
-113.14	-240.42	0.00061	-106.07	-247.49	0.00056
-240.42	-98.99	0.00042	-233.35	-106.07	0.00048
-226.27	-113.14	0.00054	-219.20	-120.21	0.00060
-212.13	-127.28	0.00066	-205.06	-134.35	0.00071
-197.99	-141.42	0.00076	-190.92	-148.49	0.00081
-187.38	-152.03	0.00084	-183.85	-155.56	0.00086
-181.73	-157.68	0.00088	-180.31	-159.10	0.00089
-178.90	-160.51	0.00089	-177.48	-161.93	0.00090
-176.07	-163.34	0.00091	-163.34	-176.07	0.00092
-161.93	-177.48	0.00092	-160.51	-178.90	0.00092
-159.10	-180.31	0.00091	-157.68	-181.73	0.00091
-155.56	-183.85	0.00090	-152.03	-187.38	0.00088

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-190.92	0.00087	-141.42	-197.99	0.00083
-134.35	-205.06	0.00081	-127.28	-212.13	0.00078
-120.21	-219.20	0.00075	-113.14	-226.27	0.00070
-106.07	-233.35	0.00064	-98.99	-240.42	0.00058
-233.35	-91.92	0.00044	-226.27	-99.00	0.00050
-219.20	-106.07	0.00056	-212.13	-113.14	0.00064
-205.06	-120.21	0.00071	-197.99	-127.28	0.00078
-190.92	-134.35	0.00084	-183.85	-141.42	0.00090
-180.31	-144.96	0.00094	-176.78	-148.49	0.00097
-174.66	-150.61	0.00099	-173.24	-152.03	0.00100
-171.83	-153.44	0.00101	-170.41	-154.86	0.00102
-169.00	-156.27	0.00102	-156.27	-169.00	0.00104
-154.86	-170.41	0.00104	-153.44	-171.83	0.00104
-152.03	-173.24	0.00103	-150.61	-174.66	0.00102

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

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

17:53:19

\*\*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	0.00101	-144.96	-180.31	0.00099
-141.42	-183.85	0.00097	-134.35	-190.92	0.00094
-127.28	-197.99	0.00091	-120.21	-205.06	0.00087
-113.14	-212.13	0.00082	-106.07	-219.20	0.00075
-98.99	-226.27	0.00068	-91.92	-233.35	0.00060
-226.27	-84.85	0.00046	-219.20	-91.92	0.00052
-212.13	-99.00	0.00059	-205.06	-106.07	0.00068
-197.99	-113.14	0.00077	-190.92	-120.21	0.00086
-183.85	-127.28	0.00094	-176.78	-134.35	0.00101
-173.24	-137.89	0.00105	-169.71	-141.42	0.00109
-167.58	-143.54	0.00111	-166.17	-144.96	0.00113
-164.76	-146.37	0.00114	-163.34	-147.79	0.00115
-161.93	-149.20	0.00116	-149.20	-161.93	0.00119
-147.79	-163.34	0.00118	-146.37	-164.76	0.00118
-144.96	-166.17	0.00117	-143.54	-167.58	0.00116
-141.42	-169.71	0.00115	-137.89	-173.24	0.00112
-134.35	-176.78	0.00110	-127.28	-183.85	0.00106
-120.21	-190.92	0.00102	-113.14	-197.99	0.00097
-106.07	-205.06	0.00089	-98.99	-212.13	0.00080
-91.92	-219.20	0.00071	-84.85	-226.27	0.00062

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-219.20	-77.78	0.00047	-212.13	-84.85	0.00054
-205.06	-91.92	0.00062	-197.99	-99.00	0.00072
-190.92	-106.07	0.00082	-183.85	-113.14	0.00094
-176.78	-120.21	0.00105	-169.71	-127.28	0.00114
-166.17	-130.81	0.00119	-162.63	-134.35	0.00124
-160.51	-136.47	0.00127	-159.10	-137.89	0.00129
-157.68	-139.30	0.00130	-156.27	-140.71	0.00132
-154.86	-142.13	0.00133	-142.13	-154.86	0.00137
-140.71	-156.27	0.00136	-139.30	-157.68	0.00135
-137.89	-159.10	0.00134	-136.47	-160.51	0.00133
-134.35	-162.63	0.00131	-130.81	-166.17	0.00128
-127.28	-169.71	0.00126	-120.21	-176.78	0.00121
-113.14	-183.85	0.00115	-106.07	-190.92	0.00106
-98.99	-197.99	0.00096	-91.92	-205.06	0.00084
-84.85	-212.13	0.00073	-77.78	-219.20	0.00064
-212.13	-70.71	0.00049	-205.06	-77.78	0.00056
-197.99	-84.85	0.00065	-190.92	-91.92	0.00076
-183.85	-98.99	0.00088	-176.78	-106.07	0.00102
-169.71	-113.14	0.00116	-162.63	-120.21	0.00130
-159.10	-123.74	0.00135	-155.56	-127.28	0.00141

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

17:53:19  
 \*\*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	0.00145	-152.03	-130.81	0.00148
-150.61	-132.23	0.00150	-149.20	-133.64	0.00152
-147.79	-135.06	0.00154	-135.06	-147.79	0.00158
-133.64	-149.20	0.00157	-132.23	-150.61	0.00156
-130.81	-152.03	0.00155	-129.40	-153.44	0.00153
-127.28	-155.56	0.00151	-123.74	-159.10	0.00148
-120.21	-162.63	0.00145	-113.14	-169.71	0.00138
-106.07	-176.78	0.00129	-98.99	-183.85	0.00116
-91.92	-190.92	0.00102	-84.85	-197.99	0.00088
-77.78	-205.06	0.00075	-70.71	-212.13	0.00065
-205.06	-63.64	0.00050	-197.99	-70.71	0.00058
-190.92	-77.78	0.00068	-183.85	-84.85	0.00080
-176.78	-91.92	0.00094	-169.71	-98.99	0.00110
-162.63	-106.07	0.00129	-155.56	-113.14	0.00147



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-152.03	-116.67	0.00155	-148.49	-120.21	0.00162
-146.37	-122.33	0.00167	-144.96	-123.74	0.00170
-143.54	-125.16	0.00173	-142.13	-126.57	0.00176
-140.71	-127.99	0.00179	-127.99	-140.71	0.00185
-126.57	-142.13	0.00184	-125.16	-143.54	0.00182
-123.74	-144.96	0.00180	-122.33	-146.37	0.00179
-120.21	-148.49	0.00176	-116.67	-152.03	0.00172
-113.14	-155.56	0.00168	-106.07	-162.63	0.00158
-98.99	-169.71	0.00142	-91.92	-176.78	0.00124
-84.85	-183.85	0.00107	-77.78	-190.92	0.00091
-70.71	-197.99	0.00077	-63.64	-205.06	0.00065
-197.99	-56.57	0.00051	-190.92	-63.64	0.00060
-183.85	-70.71	0.00070	-176.78	-77.78	0.00083
-169.71	-84.85	0.00099	-162.63	-91.92	0.00119
-155.56	-98.99	0.00141	-148.49	-106.07	0.00165
-144.96	-109.60	0.00177	-141.42	-113.14	0.00187
-139.30	-115.26	0.00194	-137.89	-116.67	0.00198
-136.47	-118.09	0.00202	-135.06	-119.50	0.00206
-133.64	-120.92	0.00209	-120.92	-133.64	0.00218
-119.50	-135.06	0.00216	-118.09	-136.47	0.00214
-116.67	-137.89	0.00212	-115.26	-139.30	0.00210
-113.14	-141.42	0.00207	-109.60	-144.96	0.00202
-106.07	-148.49	0.00196	-98.99	-155.56	0.00178
-91.92	-162.63	0.00155	-84.85	-169.71	0.00132
-77.78	-176.78	0.00111	-70.71	-183.85	0.00093
-63.64	-190.92	0.00078	-56.57	-197.99	0.00066

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

04/20/08

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

17:53:19

\*\*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	0.00051	-183.85	-56.57	0.00060
-176.78	-63.64	0.00071	-169.71	-70.71	0.00086
-162.63	-77.78	0.00104	-155.56	-84.85	0.00126
-148.49	-91.92	0.00153	-141.42	-98.99	0.00183
-137.89	-102.53	0.00200	-134.35	-106.07	0.00216
-132.23	-108.19	0.00225	-130.81	-109.60	0.00230
-129.40	-111.02	0.00235	-127.99	-112.43	0.00241
-126.57	-113.84	0.00246	-113.84	-126.57	0.00259

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-112.43	-127.99	0.00256	-111.02	-129.40	0.00254
-109.60	-130.81	0.00251	-108.19	-132.23	0.00249
-106.07	-134.35	0.00246	-102.53	-137.89	0.00238
-98.99	-141.42	0.00226	-91.92	-148.49	0.00196
-84.85	-155.56	0.00165	-77.78	-162.63	0.00137
-70.71	-169.71	0.00114	-63.64	-176.78	0.00094
-56.57	-183.85	0.00079	-49.50	-190.92	0.00067
-183.85	-42.43	0.00050	-176.78	-49.50	0.00060
-169.71	-56.57	0.00072	-162.63	-63.64	0.00087
-155.56	-70.71	0.00106	-148.49	-77.78	0.00132
-141.42	-84.85	0.00163	-134.35	-91.92	0.00201
-130.81	-95.46	0.00222	-127.28	-98.99	0.00245
-125.16	-101.12	0.00258	-123.74	-102.53	0.00266
-122.33	-103.94	0.00275	-120.92	-105.36	0.00282
-119.50	-106.77	0.00290	-106.77	-119.50	0.00310
-105.36	-120.92	0.00308	-103.94	-122.33	0.00305
-102.53	-123.74	0.00302	-101.12	-125.16	0.00298
-98.99	-127.28	0.00290	-95.46	-130.81	0.00273
-91.92	-134.35	0.00252	-84.85	-141.42	0.00211
-77.78	-148.49	0.00174	-70.71	-155.56	0.00142
-63.64	-162.63	0.00116	-56.57	-169.71	0.00096
-49.50	-176.78	0.00080	-42.43	-183.85	0.00067
-176.78	-35.36	0.00049	-169.71	-42.43	0.00059
-162.63	-49.50	0.00071	-155.56	-56.57	0.00086
-148.49	-63.64	0.00106	-141.42	-70.71	0.00134
-134.35	-77.78	0.00169	-127.28	-84.85	0.00214
-123.74	-88.39	0.00241	-120.21	-91.92	0.00270
-118.09	-94.05	0.00289	-116.67	-95.46	0.00302
-115.26	-96.87	0.00316	-113.84	-98.29	0.00328
-112.43	-99.70	0.00341	-99.70	-112.43	0.00379
-98.29	-113.84	0.00373	-96.87	-115.26	0.00366
-95.46	-116.67	0.00358	-94.05	-118.09	0.00347

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
-91.92	-120.21	0.00330	-88.39	-123.74	0.00302
-84.85	-127.28	0.00273	-77.78	-134.35	0.00223

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	-141.42	0.00180	-63.64	-148.49	0.00145
-56.57	-155.56	0.00117	-49.50	-162.63	0.00096
-42.43	-169.71	0.00079	-35.36	-176.78	0.00067
-169.71	-28.28	0.00047	-162.63	-35.36	0.00057
-155.56	-42.43	0.00069	-148.49	-49.50	0.00084
-141.42	-56.57	0.00105	-134.35	-63.64	0.00132
-127.28	-70.71	0.00169	-120.21	-77.78	0.00219
-116.67	-81.32	0.00249	-113.14	-84.85	0.00285
-111.02	-86.97	0.00309	-109.60	-88.39	0.00327
-108.19	-89.80	0.00347	-106.77	-91.22	0.00370
-105.36	-92.63	0.00395	-92.63	-105.36	0.00458
-91.22	-106.77	0.00438	-89.80	-108.19	0.00419
-88.39	-109.60	0.00402	-86.97	-111.02	0.00385
-84.85	-113.14	0.00361	-81.32	-116.67	0.00323
-77.78	-120.21	0.00289	-70.71	-127.28	0.00231
-63.64	-134.35	0.00183	-56.57	-141.42	0.00145
-49.50	-148.49	0.00116	-42.43	-155.56	0.00094
-35.36	-162.63	0.00077	-28.28	-169.71	0.00065
-162.63	-21.21	0.00046	-155.56	-28.28	0.00055
-148.49	-35.36	0.00067	-141.42	-42.43	0.00082
-134.35	-49.50	0.00102	-127.28	-56.57	0.00129
-120.21	-63.64	0.00168	-113.14	-70.71	0.00220
-109.60	-74.25	0.00253	-106.07	-77.78	0.00293
-103.94	-79.90	0.00322	-102.53	-81.32	0.00345
-101.12	-82.73	0.00372	-99.70	-84.15	0.00407
-98.29	-85.56	0.00455	-85.56	-98.29	0.00497
-84.15	-99.70	0.00467	-82.73	-101.12	0.00441
-81.32	-102.53	0.00419	-79.90	-103.94	0.00398
-77.78	-106.07	0.00370	-74.25	-109.60	0.00328
-70.71	-113.14	0.00291	-63.64	-120.21	0.00227
-56.57	-127.28	0.00177	-49.50	-134.35	0.00139
-42.43	-141.42	0.00111	-35.36	-148.49	0.00090
-28.28	-155.56	0.00074	-21.21	-162.63	0.00062
-155.56	-14.14	0.00044	-148.49	-21.21	0.00053
-141.42	-28.28	0.00065	-134.35	-35.36	0.00081
-127.28	-42.43	0.00102	-120.21	-49.50	0.00131
-113.14	-56.57	0.00175	-106.07	-63.64	0.00243
-102.53	-67.18	0.00293	-98.99	-70.71	0.00362

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

\*\*\*

12NCRA\_NAPA95-300\_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	0.00416	-95.46	-74.25	0.00459	
-94.05	-75.66	0.00507	-92.63	-77.07	0.00563	
-91.22	-78.49	0.00630	-78.49	-91.22	0.00521	
-77.07	-92.63	0.00482	-75.66	-94.05	0.00450	
-74.25	-95.46	0.00424	-72.83	-96.87	0.00401	
-70.71	-98.99	0.00370	-67.18	-102.53	0.00325	
-63.64	-106.07	0.00285	-56.57	-113.14	0.00218	
-49.50	-120.21	0.00167	-42.43	-127.28	0.00130	
-35.36	-134.35	0.00104	-28.28	-141.42	0.00084	
-21.21	-148.49	0.00070	-14.14	-155.56	0.00059	
-148.49	-7.07	0.00044	-141.42	-14.14	0.00054	
-134.35	-21.21	0.00066	-127.28	-28.28	0.00084	
-120.21	-35.36	0.00108	-113.14	-42.43	0.00144	
-106.07	-49.50	0.00201	-98.99	-56.57	0.00298	
-95.46	-60.10	0.00368	-91.92	-63.64	0.00455	
-89.80	-65.76	0.00517	-88.39	-67.18	0.00562	
-86.97	-68.59	0.00611	-85.56	-70.00	0.00665	
-84.15	-71.42	0.00727	-71.42	-84.15	0.00542	
-70.00	-85.56	0.00496	-68.59	-86.97	0.00459	
-67.18	-88.39	0.00428	-65.76	-89.80	0.00401	
-63.64	-91.92	0.00366	-60.10	-95.46	0.00316	
-56.57	-98.99	0.00274	-49.50	-106.07	0.00206	
-42.43	-113.14	0.00156	-35.36	-120.21	0.00121	
-28.28	-127.28	0.00097	-21.21	-134.35	0.00079	
-14.14	-141.42	0.00066	-7.07	-148.49	0.00055	
-141.42	0.00	0.00046	-134.35	-7.07	0.00056	
-127.28	-14.14	0.00071	-120.21	-21.21	0.00092	
-113.14	-28.28	0.00122	-106.07	-35.36	0.00167	
-98.99	-42.43	0.00238	-91.92	-49.50	0.00349	
-88.39	-53.03	0.00424	-84.85	-56.57	0.00513	
-82.73	-58.69	0.00574	-81.32	-60.10	0.00617	
-79.90	-61.52	0.00664	-78.49	-62.93	0.00714	
-77.07	-64.35	0.00772	-64.35	-77.07	0.00549	
-62.93	-78.49	0.00499	-61.52	-79.90	0.00459	
-60.10	-81.32	0.00425	-58.69	-82.73	0.00395	
-56.57	-84.85	0.00357	-53.03	-88.39	0.00302	
-49.50	-91.92	0.00257	-42.43	-98.99	0.00189	
-35.36	-106.07	0.00143	-28.28	-113.14	0.00112	
-21.21	-120.21	0.00090	-14.14	-127.28	0.00074	
-7.07	-134.35	0.00061	0.00	-141.42	0.00052	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

17:53:19

\*\*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	0.00050	-127.28	0.00	0.00062
-120.21	-7.07	0.00079	-113.14	-14.14	0.00104
-106.07	-21.21	0.00140	-98.99	-28.28	0.00193
-91.92	-35.36	0.00271	-84.85	-42.43	0.00383
-81.32	-45.96	0.00455	-77.78	-49.50	0.00541
-75.66	-51.62	0.00598	-74.25	-53.03	0.00639
-72.83	-54.45	0.00683	-71.42	-55.86	0.00731
-70.00	-57.28	0.00785	-57.28	-70.00	0.00540
-55.86	-71.42	0.00488	-54.45	-72.83	0.00447
-53.03	-74.25	0.00411	-51.62	-75.66	0.00379
-49.50	-77.78	0.00338	-45.96	-81.32	0.00280
-42.43	-84.85	0.00234	-35.36	-91.92	0.00170
-28.28	-98.99	0.00130	-21.21	-106.07	0.00103
-14.14	-113.14	0.00083	-7.07	-120.21	0.00068
0.00	-127.28	0.00057	7.07	-134.35	0.00048
-127.28	14.14	0.00056	-120.21	7.07	0.00071
-113.14	0.00	0.00090	-106.07	-7.07	0.00118
-98.99	-14.14	0.00158	-91.92	-21.21	0.00215
-84.85	-28.28	0.00294	-77.78	-35.36	0.00401
-74.25	-38.89	0.00468	-70.71	-42.43	0.00547
-68.59	-44.55	0.00600	-67.18	-45.96	0.00639
-65.76	-47.38	0.00680	-64.35	-48.79	0.00725
-62.93	-50.20	0.00776	-50.20	-62.93	0.00514
-48.79	-64.35	0.00462	-47.38	-65.76	0.00420
-45.96	-67.18	0.00383	-44.55	-68.59	0.00350
-42.43	-70.71	0.00307	-38.89	-74.25	0.00250
-35.36	-77.78	0.00208	-28.28	-84.85	0.00151
-21.21	-91.92	0.00117	-14.14	-98.99	0.00093
-7.07	-106.07	0.00075	0.00	-113.14	0.00062
7.07	-120.21	0.00052	14.14	-127.28	0.00044
-120.21	21.21	0.00065	-113.14	14.14	0.00081
-106.07	7.07	0.00103	-98.99	0.00	0.00134
-91.92	-7.07	0.00176	-84.85	-14.14	0.00232
-77.78	-21.21	0.00308	-70.71	-28.28	0.00408

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18	-31.82	0.00469	-63.64	-35.36	0.00540
-61.52	-37.48	0.00587	-60.10	-38.89	0.00622
-58.69	-40.31	0.00659	-57.28	-41.72	0.00701
-55.86	-43.13	0.00749	-43.13	-55.86	0.00471
-41.72	-57.28	0.00418	-40.31	-58.69	0.00375
-38.89	-60.10	0.00338	-37.48	-61.52	0.00307

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

17:53:19  
 \*\*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	0.00267	-31.82	-67.18	0.00217
-28.28	-70.71	0.00181	-21.21	-77.78	0.00134
-14.14	-84.85	0.00104	-7.07	-91.92	0.00083
0.00	-98.99	0.00067	7.07	-106.07	0.00055
14.14	-113.14	0.00046	21.21	-120.21	0.00039
-113.14	28.28	0.00074	-106.07	21.21	0.00092
-98.99	14.14	0.00117	-91.92	7.07	0.00149
-84.85	0.00	0.00192	-77.78	-7.07	0.00247
-70.71	-14.14	0.00318	-63.64	-21.21	0.00410
-60.10	-24.75	0.00465	-56.57	-28.28	0.00527
-54.45	-30.41	0.00567	-53.03	-31.82	0.00596
-51.62	-33.23	0.00628	-50.20	-34.65	0.00664
-48.79	-36.06	0.00707	-36.06	-48.79	0.00406
-34.65	-50.20	0.00355	-33.23	-51.62	0.00315
-31.82	-53.03	0.00283	-30.41	-54.45	0.00257
-28.28	-56.57	0.00226	-24.75	-60.10	0.00186
-21.21	-63.64	0.00157	-14.14	-70.71	0.00117
-7.07	-77.78	0.00090	0.00	-84.85	0.00072
7.07	-91.92	0.00059	14.14	-98.99	0.00049
21.21	-106.07	0.00041	28.28	-113.14	0.00035
-106.07	35.36	0.00083	-98.99	28.28	0.00103
-91.92	21.21	0.00129	-84.85	14.14	0.00162
-77.78	7.07	0.00205	-70.71	0.00	0.00259
-63.64	-7.07	0.00327	-56.57	-14.14	0.00412
-53.03	-17.68	0.00462	-49.50	-21.21	0.00515
-47.38	-23.33	0.00549	-45.96	-24.75	0.00573
-44.55	-26.16	0.00598	-43.13	-27.58	0.00625
-41.72	-28.99	0.00656	-28.99	-41.72	0.00323

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-27.58	-43.13	0.00286	-26.16	-44.55	0.00257
-24.75	-45.96	0.00234	-23.33	-47.38	0.00215
-21.21	-49.50	0.00190	-17.68	-53.03	0.00159
-14.14	-56.57	0.00135	-7.07	-63.64	0.00102
0.00	-70.71	0.00079	7.07	-77.78	0.00064
14.14	-84.85	0.00052	21.21	-91.92	0.00044
28.28	-98.99	0.00037	35.36	-106.07	0.00032
-98.99	42.43	0.00092	-91.92	35.36	0.00113
-84.85	28.28	0.00140	-77.78	21.21	0.00173
-70.71	14.14	0.00215	-63.64	7.07	0.00267
-56.57	0.00	0.00332	-49.50	-7.07	0.00413
-45.96	-10.61	0.00458	-42.43	-14.14	0.00505

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
-40.31	-16.26	0.00534	-38.89	-17.68	0.00552
-37.48	-19.09	0.00569	-36.06	-20.51	0.00584
-34.65	-21.92	0.00592	-21.92	-34.65	0.00274
-20.51	-36.06	0.00248	-19.09	-37.48	0.00226
-17.68	-38.89	0.00208	-16.26	-40.31	0.00192
-14.14	-42.43	0.00171	-10.61	-45.96	0.00144
-7.07	-49.50	0.00123	0.00	-56.57	0.00093
7.07	-63.64	0.00073	14.14	-70.71	0.00059
21.21	-77.78	0.00049	28.28	-84.85	0.00041
35.36	-91.92	0.00035	42.43	-98.99	0.00030
-91.92	49.50	0.00100	-84.85	42.43	0.00121
-77.78	35.36	0.00147	-70.71	28.28	0.00179
-63.64	21.21	0.00219	-56.57	14.14	0.00267
-49.50	7.07	0.00324	-42.43	0.00	0.00385
-38.89	-3.54	0.00411	-35.36	-7.07	0.00428
-33.23	-9.19	0.00430	-31.82	-10.61	0.00428
-30.41	-12.02	0.00423	-28.99	-13.44	0.00415
-27.58	-14.85	0.00404	-14.85	-27.58	0.00234
-13.44	-28.99	0.00217	-12.02	-30.41	0.00202
-10.61	-31.82	0.00187	-9.19	-33.23	0.00174
-7.07	-35.36	0.00157	-3.54	-38.89	0.00133
0.00	-42.43	0.00114	7.07	-49.50	0.00087

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	-56.57	0.00069	21.21	-63.64	0.00056
28.28	-70.71	0.00046	35.36	-77.78	0.00039
42.43	-84.85	0.00033	49.50	-91.92	0.00029
-84.85	56.57	0.00105	-77.78	49.50	0.00126
-70.71	42.43	0.00150	-63.64	35.36	0.00180
-56.57	28.28	0.00214	-49.50	21.21	0.00253
-42.43	14.14	0.00292	-35.36	7.07	0.00319
-31.82	3.54	0.00324	-28.28	0.00	0.00321
-26.16	-2.12	0.00315	-24.75	-3.54	0.00309
-23.33	-4.95	0.00303	-21.92	-6.36	0.00295
-20.51	-7.78	0.00287	-7.78	-20.51	0.00192
-6.36	-21.92	0.00182	-4.95	-23.33	0.00172
-3.54	-24.75	0.00162	-2.12	-26.16	0.00153
0.00	-28.28	0.00140	3.54	-31.82	0.00121
7.07	-35.36	0.00105	14.14	-42.43	0.00081
21.21	-49.50	0.00064	28.28	-56.57	0.00052
35.36	-63.64	0.00044	42.43	-70.71	0.00037
49.50	-77.78	0.00032	56.57	-84.85	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\_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	0.00108	-70.71	56.57	0.00127
-63.64	49.50	0.00148	-56.57	42.43	0.00173
-49.50	35.36	0.00200	-42.43	28.28	0.00226
-35.36	21.21	0.00246	-28.28	14.14	0.00252
-24.75	10.61	0.00250	-21.21	7.07	0.00243
-19.09	4.95	0.00236	-17.68	3.54	0.00232
-16.26	2.12	0.00227	-14.85	0.71	0.00222
-13.44	-0.71	0.00217	-0.71	-13.44	0.00156
0.71	-14.85	0.00150	2.12	-16.26	0.00144
3.54	-17.68	0.00138	4.95	-19.09	0.00131
7.07	-21.21	0.00122	10.61	-24.75	0.00108
14.14	-28.28	0.00096	21.21	-35.36	0.00075
28.28	-42.43	0.00060	35.36	-49.50	0.00049
42.43	-56.57	0.00041	49.50	-63.64	0.00035
56.57	-70.71	0.00030	63.64	-77.78	0.00026
-70.71	70.71	0.00107	-63.64	63.64	0.00124



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	56.57	0.00142	-49.50	49.50	0.00160
-42.43	42.43	0.00179	-35.36	35.36	0.00194
-28.28	28.28	0.00201	-21.21	21.21	0.00200
-17.68	17.68	0.00195	-14.14	14.14	0.00188
-12.02	12.02	0.00183	-10.61	10.61	0.00180
-9.19	9.19	0.00177	-7.78	7.78	0.00174
-6.36	6.36	0.00171	6.36	-6.36	0.00129
7.78	-7.78	0.00124	9.19	-9.19	0.00120
10.61	-10.61	0.00116	12.02	-12.02	0.00112
14.14	-14.14	0.00106	17.68	-17.68	0.00096
21.21	-21.21	0.00086	28.28	-28.28	0.00069
35.36	-35.36	0.00056	42.43	-42.43	0.00046
49.50	-49.50	0.00038	56.57	-56.57	0.00033
63.64	-63.64	0.00028	70.71	-70.71	0.00025
-63.64	77.78	0.00104	-56.57	70.71	0.00117
-49.50	63.64	0.00131	-42.43	56.57	0.00145
-35.36	49.50	0.00156	-28.28	42.43	0.00163
-21.21	35.36	0.00165	-14.14	28.28	0.00161
-10.61	24.75	0.00156	-7.07	21.21	0.00150
-4.95	19.09	0.00146	-3.54	17.68	0.00144
-2.12	16.26	0.00142	-0.71	14.85	0.00140
0.71	13.44	0.00138	13.44	0.71	0.00108
14.85	-0.71	0.00104	16.26	-2.12	0.00101
17.68	-3.54	0.00098	19.09	-4.95	0.00095

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
21.21	-7.07	0.00091	24.75	-10.61	0.00084
28.28	-14.14	0.00077	35.36	-21.21	0.00063
42.43	-28.28	0.00052	49.50	-35.36	0.00043
56.57	-42.43	0.00036	63.64	-49.50	0.00031
70.71	-56.57	0.00027	77.78	-63.64	0.00023
-56.57	84.85	0.00099	-49.50	77.78	0.00109
-42.43	70.71	0.00119	-35.36	63.64	0.00128
-28.28	56.57	0.00134	-21.21	49.50	0.00138
-14.14	42.43	0.00137	-7.07	35.36	0.00131
-3.54	31.82	0.00127	0.00	28.28	0.00122

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

2.12	26.16	0.00120	3.54	24.75	0.00119
4.95	23.33	0.00117	6.36	21.92	0.00116
7.78	20.51	0.00114	20.51	7.78	0.00091
21.92	6.36	0.00089	23.33	4.95	0.00086
24.75	3.54	0.00084	26.16	2.12	0.00082
28.28	0.00	0.00079	31.82	-3.54	0.00073
35.36	-7.07	0.00068	42.43	-14.14	0.00057
49.50	-21.21	0.00048	56.57	-28.28	0.00041
63.64	-35.36	0.00034	70.71	-42.43	0.00029
77.78	-49.50	0.00025	84.85	-56.57	0.00022
-49.50	91.92	0.00092	-42.43	84.85	0.00100
-35.36	77.78	0.00107	-28.28	70.71	0.00112
-21.21	63.64	0.00116	-14.14	56.57	0.00117
-7.07	49.50	0.00114	0.00	42.43	0.00108
3.54	38.89	0.00105	7.07	35.36	0.00102
9.19	33.23	0.00100	10.61	31.82	0.00099
12.02	30.41	0.00098	13.44	28.99	0.00097
14.85	27.58	0.00096	27.58	14.85	0.00078
28.99	13.44	0.00076	30.41	12.02	0.00074
31.82	10.61	0.00072	33.23	9.19	0.00071
35.36	7.07	0.00068	38.89	3.54	0.00064
42.43	0.00	0.00060	49.50	-7.07	0.00052
56.57	-14.14	0.00045	63.64	-21.21	0.00038
70.71	-28.28	0.00032	77.78	-35.36	0.00028
84.85	-42.43	0.00024	91.92	-49.50	0.00021
-42.43	98.99	0.00085	-35.36	91.92	0.00090
-28.28	84.85	0.00095	-21.21	77.78	0.00098
-14.14	70.71	0.00100	-7.07	63.64	0.00099
0.00	56.57	0.00096	7.07	49.50	0.00091
10.61	45.96	0.00089	14.14	42.43	0.00086

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
16.26	40.31	0.00085	17.68	38.89	0.00085
19.09	37.48	0.00084	20.51	36.06	0.00083
21.92	34.65	0.00082	34.65	21.92	0.00068
36.06	20.51	0.00066	37.48	19.09	0.00064

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

38.89	17.68	0.00063	40.31	16.26	0.00062
42.43	14.14	0.00060	45.96	10.61	0.00057
49.50	7.07	0.00054	56.57	0.00	0.00047
63.64	-7.07	0.00041	70.71	-14.14	0.00035
77.78	-21.21	0.00031	84.85	-28.28	0.00026
91.92	-35.36	0.00023	98.99	-42.43	0.00020
-35.36	106.07	0.00077	-28.28	98.99	0.00081
-21.21	91.92	0.00084	-14.14	84.85	0.00086
-7.07	77.78	0.00087	0.00	70.71	0.00085
7.07	63.64	0.00082	14.14	56.57	0.00078
17.68	53.03	0.00076	21.21	49.50	0.00074
23.33	47.38	0.00073	24.75	45.96	0.00073
26.16	44.55	0.00072	27.58	43.13	0.00071
28.99	41.72	0.00071	41.72	28.99	0.00059
43.13	27.58	0.00058	44.55	26.16	0.00057
45.96	24.75	0.00055	47.38	23.33	0.00054
49.50	21.21	0.00053	53.03	17.68	0.00050
56.57	14.14	0.00048	63.64	7.07	0.00043
70.71	0.00	0.00038	77.78	-7.07	0.00033
84.85	-14.14	0.00029	91.92	-21.21	0.00025
98.99	-28.28	0.00022	106.07	-35.36	0.00019
-28.28	113.14	0.00070	-21.21	106.07	0.00073
-14.14	98.99	0.00075	-7.07	91.92	0.00076
0.00	84.85	0.00076	7.07	77.78	0.00074
14.14	70.71	0.00070	21.21	63.64	0.00067
24.75	60.10	0.00066	28.28	56.57	0.00065
30.41	54.45	0.00064	31.82	53.03	0.00063
33.23	51.62	0.00063	34.65	50.20	0.00062
36.06	48.79	0.00062	48.79	36.06	0.00052
50.20	34.65	0.00051	51.62	33.23	0.00050
53.03	31.82	0.00049	54.45	30.41	0.00048
56.57	28.28	0.00047	60.10	24.75	0.00045
63.64	21.21	0.00043	70.71	14.14	0.00039
77.78	7.07	0.00035	84.85	0.00	0.00031
91.92	-7.07	0.00027	98.99	-14.14	0.00024
106.07	-21.21	0.00021	113.14	-28.28	0.00019

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 \*\*\*

12NCRA\_NAPA95-300\_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	0.00064	-14.14	113.14	0.00066
-7.07	106.07	0.00067	0.00	98.99	0.00067
7.07	91.92	0.00066	14.14	84.85	0.00064
21.21	77.78	0.00061	28.28	70.71	0.00059
31.82	67.18	0.00058	35.36	63.64	0.00057
37.48	61.52	0.00056	38.89	60.10	0.00056
40.31	58.69	0.00055	41.72	57.28	0.00055
43.13	55.86	0.00054	55.86	43.13	0.00046
57.28	41.72	0.00045	58.69	40.31	0.00045
60.10	38.89	0.00044	61.52	37.48	0.00043
63.64	35.36	0.00042	67.18	31.82	0.00040
70.71	28.28	0.00039	77.78	21.21	0.00035
84.85	14.14	0.00032	91.92	7.07	0.00028
98.99	0.00	0.00025	106.07	-7.07	0.00023
113.14	-14.14	0.00020	120.21	-21.21	0.00018
-14.14	127.28	0.00058	-7.07	120.21	0.00059
0.00	113.14	0.00060	7.07	106.07	0.00060
14.14	98.99	0.00058	21.21	91.92	0.00056
28.28	84.85	0.00054	35.36	77.78	0.00052
38.89	74.25	0.00051	42.43	70.71	0.00050
44.55	68.59	0.00050	45.96	67.18	0.00049
47.38	65.76	0.00049	48.79	64.35	0.00049
50.20	62.93	0.00048	62.93	50.20	0.00041
64.35	48.79	0.00041	65.76	47.38	0.00040
67.18	45.96	0.00039	68.59	44.55	0.00039
70.71	42.43	0.00038	74.25	38.89	0.00036
77.78	35.36	0.00035	84.85	28.28	0.00032
91.92	21.21	0.00029	98.99	14.14	0.00026
106.07	7.07	0.00024	113.14	0.00	0.00021
120.21	-7.07	0.00019	127.28	-14.14	0.00017
-7.07	134.35	0.00053	0.00	127.28	0.00053
7.07	120.21	0.00054	14.14	113.14	0.00053
21.21	106.07	0.00051	28.28	98.99	0.00050
35.36	91.92	0.00048	42.43	84.85	0.00046
45.96	81.32	0.00045	49.50	77.78	0.00045
51.62	75.66	0.00044	53.03	74.25	0.00044
54.45	72.83	0.00044	55.86	71.42	0.00043
57.28	70.00	0.00043	70.00	57.28	0.00037
71.42	55.86	0.00037	72.83	54.45	0.00036
74.25	53.03	0.00035	75.66	51.62	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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
77.78	49.50	0.00034	81.32	45.96	0.00033
84.85	42.43	0.00032	91.92	35.36	0.00029
98.99	28.28	0.00027	106.07	21.21	0.00025
113.14	14.14	0.00022	120.21	7.07	0.00020
127.28	0.00	0.00018	134.35	-7.07	0.00016
0.00	141.42	0.00048	7.07	134.35	0.00048
14.14	127.28	0.00048	21.21	120.21	0.00047
28.28	113.14	0.00046	35.36	106.07	0.00044
42.43	98.99	0.00042	49.50	91.92	0.00041
53.03	88.39	0.00041	56.57	84.85	0.00040
58.69	82.73	0.00040	60.10	81.32	0.00040
61.52	79.90	0.00039	62.93	78.49	0.00039
64.35	77.07	0.00039	77.07	64.35	0.00034
78.49	62.93	0.00033	79.90	61.52	0.00033
81.32	60.10	0.00032	82.73	58.69	0.00032
84.85	56.57	0.00031	88.39	53.03	0.00030
91.92	49.50	0.00029	98.99	42.43	0.00027
106.07	35.36	0.00025	113.14	28.28	0.00023
120.21	21.21	0.00021	127.28	14.14	0.00019
134.35	7.07	0.00017	141.42	0.00	0.00016
7.07	148.49	0.00044	14.14	141.42	0.00044
21.21	134.35	0.00043	28.28	127.28	0.00042
35.36	120.21	0.00041	42.43	113.14	0.00039
49.50	106.07	0.00038	56.57	98.99	0.00037
60.10	95.46	0.00037	63.64	91.92	0.00036
65.76	89.80	0.00036	67.18	88.39	0.00036
68.59	86.97	0.00035	70.00	85.56	0.00035
71.42	84.15	0.00035	84.15	71.42	0.00031
85.56	70.00	0.00030	86.97	68.59	0.00030
88.39	67.18	0.00029	89.80	65.76	0.00029
91.92	63.64	0.00028	95.46	60.10	0.00027
98.99	56.57	0.00026	106.07	49.50	0.00025
113.14	42.43	0.00023	120.21	35.36	0.00021
127.28	28.28	0.00020	134.35	21.21	0.00018
141.42	14.14	0.00016	148.49	7.07	0.00015
14.14	155.56	0.00040	21.21	148.49	0.00040

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	141.42	0.00039	35.36	134.35	0.00038
42.43	127.28	0.00037	49.50	120.21	0.00036
56.57	113.14	0.00035	63.64	106.07	0.00034
67.18	102.53	0.00033	70.71	98.99	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\_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	0.00033	74.25	95.46	0.00032
75.66	94.05	0.00032	77.07	92.63	0.00032
78.49	91.22	0.00032	91.22	78.49	0.00028
92.63	77.07	0.00028	94.05	75.66	0.00027
95.46	74.25	0.00027	96.87	72.83	0.00026
98.99	70.71	0.00026	102.53	67.18	0.00025
106.07	63.64	0.00024	113.14	56.57	0.00023
120.21	49.50	0.00022	127.28	42.43	0.00020
134.35	35.36	0.00018	141.42	28.28	0.00017
148.49	21.21	0.00015	155.56	14.14	0.00014
21.21	162.63	0.00037	28.28	155.56	0.00036
35.36	148.49	0.00036	42.43	141.42	0.00034
49.50	134.35	0.00033	56.57	127.28	0.00032
63.64	120.21	0.00031	70.71	113.14	0.00031
74.25	109.60	0.00030	77.78	106.07	0.00030
79.90	103.94	0.00030	81.32	102.53	0.00030
82.73	101.12	0.00029	84.15	99.70	0.00029
85.56	98.29	0.00029	98.29	85.56	0.00026
99.70	84.15	0.00025	101.12	82.73	0.00025
102.53	81.32	0.00025	103.94	79.90	0.00024
106.07	77.78	0.00024	109.60	74.25	0.00023
113.14	70.71	0.00022	120.21	63.64	0.00021
127.28	56.57	0.00020	134.35	49.50	0.00019
141.42	42.43	0.00017	148.49	35.36	0.00016
155.56	28.28	0.00015	162.63	21.21	0.00014
28.28	169.71	0.00034	35.36	162.63	0.00033
42.43	155.56	0.00032	49.50	148.49	0.00031
56.57	141.42	0.00030	63.64	134.35	0.00029
70.71	127.28	0.00029	77.78	120.21	0.00028
81.32	116.67	0.00028	84.85	113.14	0.00028

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

86.97	111.02	0.00027	88.39	109.60	0.00027
89.80	108.19	0.00027	91.22	106.77	0.00027
92.63	105.36	0.00026	105.36	92.63	0.00024
106.77	91.22	0.00023	108.19	89.80	0.00023
109.60	88.39	0.00023	111.02	86.97	0.00022
113.14	84.85	0.00022	116.67	81.32	0.00021
120.21	77.78	0.00021	127.28	70.71	0.00020
134.35	63.64	0.00019	141.42	56.57	0.00018
148.49	49.50	0.00016	155.56	42.43	0.00015
162.63	35.36	0.00014	169.71	28.28	0.00013

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	0.00031	42.43	169.71	0.00030
49.50	162.63	0.00029	56.57	155.56	0.00029
63.64	148.49	0.00028	70.71	141.42	0.00027
77.78	134.35	0.00026	84.85	127.28	0.00026
88.39	123.74	0.00026	91.92	120.21	0.00025
94.05	118.09	0.00025	95.46	116.67	0.00025
96.87	115.26	0.00025	98.29	113.84	0.00025
99.70	112.43	0.00024	112.43	99.70	0.00022
113.84	98.29	0.00022	115.26	96.87	0.00021
116.67	95.46	0.00021	118.09	94.05	0.00021
120.21	91.92	0.00020	123.74	88.39	0.00020
127.28	84.85	0.00019	134.35	77.78	0.00018
141.42	70.71	0.00017	148.49	63.64	0.00016
155.56	56.57	0.00015	162.63	49.50	0.00014
169.71	42.43	0.00013	176.78	35.36	0.00012
42.43	183.85	0.00028	49.50	176.78	0.00028
56.57	169.71	0.00027	63.64	162.63	0.00026
70.71	155.56	0.00025	77.78	148.49	0.00025
84.85	141.42	0.00024	91.92	134.35	0.00024
95.46	130.81	0.00024	98.99	127.28	0.00023
101.12	125.16	0.00023	102.53	123.74	0.00023
103.94	122.33	0.00023	105.36	120.92	0.00023
106.77	119.50	0.00022	119.50	106.77	0.00020
120.92	105.36	0.00020	122.33	103.94	0.00020

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

123.74	102.53	0.00020	125.16	101.12	0.00019
127.28	98.99	0.00019	130.81	95.46	0.00018
134.35	91.92	0.00018	141.42	84.85	0.00017
148.49	77.78	0.00016	155.56	70.71	0.00015
162.63	63.64	0.00015	169.71	56.57	0.00014
176.78	49.50	0.00013	183.85	42.43	0.00012
49.50	190.92	0.00026	56.57	183.85	0.00025
63.64	176.78	0.00025	70.71	169.71	0.00024
77.78	162.63	0.00023	84.85	155.56	0.00023
91.92	148.49	0.00023	98.99	141.42	0.00022
102.53	137.89	0.00022	106.07	134.35	0.00022
108.19	132.23	0.00021	109.60	130.81	0.00021
111.02	129.40	0.00021	112.43	127.99	0.00021
113.84	126.57	0.00021	126.57	113.84	0.00019
127.99	112.43	0.00019	129.40	111.02	0.00018
130.81	109.60	0.00018	132.23	108.19	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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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	0.00018	137.89	102.53	0.00017
141.42	98.99	0.00017	148.49	91.92	0.00016
155.56	84.85	0.00015	162.63	77.78	0.00015
169.71	70.71	0.00014	176.78	63.64	0.00013
183.85	56.57	0.00012	190.92	49.50	0.00011
56.57	197.99	0.00024	63.64	190.92	0.00023
70.71	183.85	0.00023	77.78	176.78	0.00022
84.85	169.71	0.00022	91.92	162.63	0.00021
98.99	155.56	0.00021	106.07	148.49	0.00021
109.60	144.96	0.00020	113.14	141.42	0.00020
115.26	139.30	0.00020	116.67	137.89	0.00020
118.09	136.47	0.00020	119.50	135.06	0.00019
120.92	133.64	0.00019	133.64	120.92	0.00018
135.06	119.50	0.00017	136.47	118.09	0.00017
137.89	116.67	0.00017	139.30	115.26	0.00017
141.42	113.14	0.00016	144.96	109.60	0.00016
148.49	106.07	0.00016	155.56	98.99	0.00015
162.63	91.92	0.00014	169.71	84.85	0.00014



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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
129.40	153.44	0.00017	130.81	152.03	0.00017
132.23	150.61	0.00017	133.64	149.20	0.00017
135.06	147.79	0.00017	147.79	135.06	0.00015
149.20	133.64	0.00015	150.61	132.23	0.00015
152.03	130.81	0.00015	153.44	129.40	0.00015
155.56	127.28	0.00014	159.10	123.74	0.00014
162.63	120.21	0.00014	169.71	113.14	0.00013
176.78	106.07	0.00013	183.85	98.99	0.00012
190.92	91.92	0.00012	197.99	84.85	0.00011
205.06	77.78	0.00010	212.13	70.71	0.00010
77.78	219.20	0.00019	84.85	212.13	0.00019
91.92	205.06	0.00018	98.99	197.99	0.00018

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	190.92	0.00017	113.14	183.85	0.00017
120.21	176.78	0.00017	127.28	169.71	0.00017
130.81	166.17	0.00017	134.35	162.63	0.00016
136.47	160.51	0.00016	137.89	159.10	0.00016
139.30	157.68	0.00016	140.71	156.27	0.00016
142.13	154.86	0.00016	154.86	142.13	0.00014
156.27	140.71	0.00014	157.68	139.30	0.00014
159.10	137.89	0.00014	160.51	136.47	0.00014
162.63	134.35	0.00014	166.17	130.81	0.00013
169.71	127.28	0.00013	176.78	120.21	0.00012
183.85	113.14	0.00012	190.92	106.07	0.00011
197.99	98.99	0.00011	205.06	91.92	0.00011
212.13	84.85	0.00010	219.20	77.78	0.00009
84.85	226.27	0.00018	91.92	219.20	0.00017
98.99	212.13	0.00017	106.07	205.06	0.00017
113.14	197.99	0.00016	120.21	190.92	0.00016
127.28	183.85	0.00016	134.35	176.78	0.00016
137.89	173.24	0.00016	141.42	169.71	0.00015
143.54	167.58	0.00015	144.96	166.17	0.00015
146.37	164.76	0.00015	147.79	163.34	0.00015
149.20	161.93	0.00015	161.93	149.20	0.00014
163.34	147.79	0.00013	164.76	146.37	0.00013
166.17	144.96	0.00013	167.58	143.54	0.00013
169.71	141.42	0.00013	173.24	137.89	0.00013
176.78	134.35	0.00012	183.85	127.28	0.00012
190.92	120.21	0.00011	197.99	113.14	0.00011
205.06	106.07	0.00010	212.13	98.99	0.00010
219.20	91.92	0.00010	226.27	84.85	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\_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	0.00017	98.99	226.27	0.00016
106.07	219.20	0.00016	113.14	212.13	0.00016
120.21	205.06	0.00015	127.28	197.99	0.00015
134.35	190.92	0.00015	141.42	183.85	0.00015
144.96	180.31	0.00015	148.49	176.78	0.00014
150.61	174.66	0.00014	152.03	173.24	0.00014

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

153.44	171.83	0.00014	154.86	170.41	0.00014
156.27	169.00	0.00014	169.00	156.27	0.00013
170.41	154.86	0.00013	171.83	153.44	0.00013
173.24	152.03	0.00012	174.66	150.61	0.00012
176.78	148.49	0.00012	180.31	144.96	0.00012
183.85	141.42	0.00012	190.92	134.35	0.00011
197.99	127.28	0.00011	205.06	120.21	0.00010
212.13	113.14	0.00010	219.20	106.07	0.00010
226.27	98.99	0.00009	233.35	91.92	0.00009
98.99	240.42	0.00016	106.07	233.35	0.00015
113.14	226.27	0.00015	120.21	219.20	0.00015
127.28	212.13	0.00014	134.35	205.06	0.00014
141.42	197.99	0.00014	148.49	190.92	0.00014
152.03	187.38	0.00014	155.56	183.85	0.00014
157.68	181.73	0.00013	159.10	180.31	0.00013
160.51	178.90	0.00013	161.93	177.48	0.00013
163.34	176.07	0.00013	176.07	163.34	0.00012
177.48	161.93	0.00012	178.90	160.51	0.00012
180.31	159.10	0.00012	181.73	157.68	0.00012
183.85	155.56	0.00011	187.38	152.03	0.00011
190.92	148.49	0.00011	197.99	141.42	0.00010
205.06	134.35	0.00010	212.13	127.28	0.00010
219.20	120.21	0.00009	226.27	113.14	0.00009
233.35	106.07	0.00009	240.42	98.99	0.00008
106.07	247.49	0.00015	113.14	240.42	0.00014
120.21	233.35	0.00014	127.28	226.27	0.00014
134.35	219.20	0.00014	141.42	212.13	0.00013
148.49	205.06	0.00013	155.56	197.99	0.00013
159.10	194.45	0.00013	162.63	190.92	0.00013
164.76	188.80	0.00013	166.17	187.38	0.00013
167.58	185.97	0.00013	169.00	184.55	0.00012
170.41	183.14	0.00012	183.14	170.41	0.00011
184.55	169.00	0.00011	185.97	167.58	0.00011
187.38	166.17	0.00011	188.80	164.76	0.00011

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

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	162.63	0.00011	194.45	159.10	0.00011
197.99	155.56	0.00010	205.06	148.49	0.00010
212.13	141.42	0.00010	219.20	134.35	0.00009
226.27	127.28	0.00009	233.35	120.21	0.00009
240.42	113.14	0.00008	247.49	106.07	0.00008

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
-247.49	-106.07	0.00050	-240.42	-113.14	0.00060
-233.35	-120.21	0.00072	-226.27	-127.28	0.00087
-219.20	-134.35	0.00106	-212.13	-141.42	0.00132
-205.06	-148.49	0.00163	-197.99	-155.56	0.00201
-194.45	-159.10	0.00222	-190.92	-162.63	0.00245
-188.80	-164.76	0.00258	-187.38	-166.17	0.00266
-185.97	-167.58	0.00275	-184.55	-169.00	0.00282
-183.14	-170.41	0.00290	-170.41	-183.14	0.00310
-169.00	-184.55	0.00308	-167.58	-185.97	0.00305
-166.17	-187.38	0.00302	-164.76	-188.80	0.00298
-162.63	-190.92	0.00290	-159.10	-194.45	0.00273
-155.56	-197.99	0.00252	-148.49	-205.06	0.00211
-141.42	-212.13	0.00174	-134.35	-219.20	0.00142
-127.28	-226.27	0.00116	-120.21	-233.35	0.00096
-113.14	-240.42	0.00080	-106.07	-247.49	0.00067
-240.42	-98.99	0.00049	-233.35	-106.07	0.00059
-226.27	-113.14	0.00071	-219.20	-120.21	0.00086
-212.13	-127.28	0.00106	-205.06	-134.35	0.00134
-197.99	-141.42	0.00169	-190.92	-148.49	0.00214
-187.38	-152.03	0.00241	-183.85	-155.56	0.00270
-181.73	-157.68	0.00289	-180.31	-159.10	0.00302
-178.90	-160.51	0.00316	-177.48	-161.93	0.00328
-176.07	-163.34	0.00341	-163.34	-176.07	0.00379
-161.93	-177.48	0.00373	-160.51	-178.90	0.00366
-159.10	-180.31	0.00358	-157.68	-181.73	0.00347
-155.56	-183.85	0.00330	-152.03	-187.38	0.00302
-148.49	-190.92	0.00273	-141.42	-197.99	0.00223
-134.35	-205.06	0.00180	-127.28	-212.13	0.00145
-120.21	-219.20	0.00117	-113.14	-226.27	0.00096

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-233.35	0.00079	-98.99	-240.42	0.00067
-233.35	-91.92	0.00047	-226.27	-99.00	0.00057
-219.20	-106.07	0.00069	-212.13	-113.14	0.00084
-205.06	-120.21	0.00105	-197.99	-127.28	0.00132
-190.92	-134.35	0.00169	-183.85	-141.42	0.00219
-180.31	-144.96	0.00249	-176.78	-148.49	0.00285
-174.66	-150.61	0.00309	-173.24	-152.03	0.00327
-171.83	-153.44	0.00347	-170.41	-154.86	0.00370
-169.00	-156.27	0.00395	-156.27	-169.00	0.00458
-154.86	-170.41	0.00438	-153.44	-171.83	0.00419
-152.03	-173.24	0.00402	-150.61	-174.66	0.00385

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: 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	0.00323
-141.42	-183.85	0.00289	-134.35	-190.92	0.00231
-127.28	-197.99	0.00183	-120.21	-205.06	0.00145
-113.14	-212.13	0.00116	-106.07	-219.20	0.00094
-98.99	-226.27	0.00077	-91.92	-233.35	0.00065
-226.27	-84.85	0.00046	-219.20	-91.92	0.00055
-212.13	-99.00	0.00067	-205.06	-106.07	0.00082
-197.99	-113.14	0.00102	-190.92	-120.21	0.00129
-183.85	-127.28	0.00168	-176.78	-134.35	0.00220
-173.24	-137.89	0.00253	-169.71	-141.42	0.00293
-167.58	-143.54	0.00322	-166.17	-144.96	0.00345
-164.76	-146.37	0.00372	-163.34	-147.79	0.00407
-161.93	-149.20	0.00455	-149.20	-161.93	0.00497
-147.79	-163.34	0.00467	-146.37	-164.76	0.00441
-144.96	-166.17	0.00419	-143.54	-167.58	0.00398
-141.42	-169.71	0.00370	-137.89	-173.24	0.00328
-134.35	-176.78	0.00291	-127.28	-183.85	0.00227
-120.21	-190.92	0.00177	-113.14	-197.99	0.00139
-106.07	-205.06	0.00111	-98.99	-212.13	0.00090
-91.92	-219.20	0.00074	-84.85	-226.27	0.00062
-219.20	-77.78	0.00044	-212.13	-84.85	0.00053
-205.06	-91.92	0.00065	-197.99	-99.00	0.00081
-190.92	-106.07	0.00102	-183.85	-113.14	0.00131

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-120.21	0.00175	-169.71	-127.28	0.00243
-166.17	-130.81	0.00293	-162.63	-134.35	0.00362
-160.51	-136.47	0.00416	-159.10	-137.89	0.00459
-157.68	-139.30	0.00508	-156.27	-140.71	0.00563
-154.86	-142.13	0.00630	-142.13	-154.86	0.00521
-140.71	-156.27	0.00482	-139.30	-157.68	0.00451
-137.89	-159.10	0.00424	-136.47	-160.51	0.00401
-134.35	-162.63	0.00370	-130.81	-166.17	0.00325
-127.28	-169.71	0.00285	-120.21	-176.78	0.00218
-113.14	-183.85	0.00167	-106.07	-190.92	0.00130
-98.99	-197.99	0.00104	-91.92	-205.06	0.00084
-84.85	-212.13	0.00070	-77.78	-219.20	0.00059
-212.13	-70.71	0.00044	-205.06	-77.78	0.00054
-197.99	-84.85	0.00066	-190.92	-91.92	0.00084
-183.85	-98.99	0.00108	-176.78	-106.07	0.00144
-169.71	-113.14	0.00201	-162.63	-120.21	0.00298
-159.10	-123.74	0.00368	-155.56	-127.28	0.00455

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
-153.44	-129.40	0.00517	-152.03	-130.81	0.00562
-150.61	-132.23	0.00611	-149.20	-133.64	0.00665
-147.79	-135.06	0.00727	-135.06	-147.79	0.00542
-133.64	-149.20	0.00496	-132.23	-150.61	0.00459
-130.81	-152.03	0.00428	-129.40	-153.44	0.00401
-127.28	-155.56	0.00366	-123.74	-159.10	0.00316
-120.21	-162.63	0.00274	-113.14	-169.71	0.00206
-106.07	-176.78	0.00156	-98.99	-183.85	0.00121
-91.92	-190.92	0.00097	-84.85	-197.99	0.00079
-77.78	-205.06	0.00066	-70.71	-212.13	0.00055
-205.06	-63.64	0.00046	-197.99	-70.71	0.00056
-190.92	-77.78	0.00071	-183.85	-84.85	0.00092
-176.78	-91.92	0.00122	-169.71	-98.99	0.00167
-162.63	-106.07	0.00238	-155.56	-113.14	0.00349
-152.03	-116.67	0.00424	-148.49	-120.21	0.00513
-146.37	-122.33	0.00574	-144.96	-123.74	0.00617
-143.54	-125.16	0.00664	-142.13	-126.57	0.00714

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-140.71	-127.99	0.00772	-127.99	-140.71	0.00549
-126.57	-142.13	0.00499	-125.16	-143.54	0.00459
-123.74	-144.96	0.00425	-122.33	-146.37	0.00395
-120.21	-148.49	0.00357	-116.67	-152.03	0.00302
-113.14	-155.56	0.00257	-106.07	-162.63	0.00189
-98.99	-169.71	0.00143	-91.92	-176.78	0.00112
-84.85	-183.85	0.00090	-77.78	-190.92	0.00074
-70.71	-197.99	0.00061	-63.64	-205.06	0.00052
-197.99	-56.57	0.00050	-190.92	-63.64	0.00062
-183.85	-70.71	0.00079	-176.78	-77.78	0.00104
-169.71	-84.85	0.00140	-162.63	-91.92	0.00193
-155.56	-98.99	0.00271	-148.49	-106.07	0.00383
-144.96	-109.60	0.00455	-141.42	-113.14	0.00541
-139.30	-115.26	0.00598	-137.89	-116.67	0.00639
-136.47	-118.09	0.00683	-135.06	-119.50	0.00731
-133.64	-120.92	0.00785	-120.92	-133.64	0.00540
-119.50	-135.06	0.00488	-118.09	-136.47	0.00447
-116.67	-137.89	0.00411	-115.26	-139.30	0.00379
-113.14	-141.42	0.00338	-109.60	-144.96	0.00280
-106.07	-148.49	0.00234	-98.99	-155.56	0.00170
-91.92	-162.63	0.00130	-84.85	-169.71	0.00103
-77.78	-176.78	0.00083	-70.71	-183.85	0.00068
-63.64	-190.92	0.00057	-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      \*\*\*

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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	-49.50	0.00056	-183.85	-56.57	0.00071
-176.78	-63.64	0.00090	-169.71	-70.71	0.00118
-162.63	-77.78	0.00158	-155.56	-84.85	0.00215
-148.49	-91.92	0.00294	-141.42	-98.99	0.00401
-137.89	-102.53	0.00468	-134.35	-106.07	0.00547
-132.23	-108.19	0.00600	-130.81	-109.60	0.00639
-129.40	-111.02	0.00680	-127.99	-112.43	0.00725
-126.57	-113.84	0.00776	-113.84	-126.57	0.00514
-112.43	-127.99	0.00462	-111.02	-129.40	0.00420
-109.60	-130.81	0.00383	-108.19	-132.23	0.00350
-106.07	-134.35	0.00307	-102.53	-137.89	0.00250

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-98.99	-141.42	0.00208	-91.92	-148.49	0.00151
-84.85	-155.56	0.00117	-77.78	-162.63	0.00093
-70.71	-169.71	0.00075	-63.64	-176.78	0.00062
-56.57	-183.85	0.00052	-49.50	-190.92	0.00044
-183.85	-42.43	0.00065	-176.78	-49.50	0.00081
-169.71	-56.57	0.00103	-162.63	-63.64	0.00134
-155.56	-70.71	0.00176	-148.49	-77.78	0.00232
-141.42	-84.85	0.00308	-134.35	-91.92	0.00408
-130.81	-95.46	0.00469	-127.28	-98.99	0.00540
-125.16	-101.12	0.00587	-123.74	-102.53	0.00622
-122.33	-103.94	0.00659	-120.92	-105.36	0.00701
-119.50	-106.77	0.00749	-106.77	-119.50	0.00471
-105.36	-120.92	0.00418	-103.94	-122.33	0.00375
-102.53	-123.74	0.00338	-101.12	-125.16	0.00307
-98.99	-127.28	0.00266	-95.46	-130.81	0.00217
-91.92	-134.35	0.00181	-84.85	-141.42	0.00134
-77.78	-148.49	0.00104	-70.71	-155.56	0.00083
-63.64	-162.63	0.00067	-56.57	-169.71	0.00055
-49.50	-176.78	0.00046	-42.43	-183.85	0.00039
-176.78	-35.36	0.00074	-169.71	-42.43	0.00092
-162.63	-49.50	0.00117	-155.56	-56.57	0.00149
-148.49	-63.64	0.00192	-141.42	-70.71	0.00247
-134.35	-77.78	0.00318	-127.28	-84.85	0.00410
-123.74	-88.39	0.00465	-120.21	-91.92	0.00527
-118.09	-94.05	0.00567	-116.67	-95.46	0.00596
-115.26	-96.87	0.00628	-113.84	-98.29	0.00664
-112.43	-99.70	0.00707	-99.70	-112.43	0.00406
-98.29	-113.84	0.00355	-96.87	-115.26	0.00315
-95.46	-116.67	0.00283	-94.05	-118.09	0.00257

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

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

17:53:19  
 \*\*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	0.00226	-88.39	-123.74	0.00186
-84.85	-127.28	0.00157	-77.78	-134.35	0.00117
-70.71	-141.42	0.00090	-63.64	-148.49	0.00072
-56.57	-155.56	0.00059	-49.50	-162.63	0.00049
-42.43	-169.71	0.00041	-35.36	-176.78	0.00035



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-169.71	-28.28	0.00083	-162.63	-35.36	0.00103
-155.56	-42.43	0.00129	-148.49	-49.50	0.00162
-141.42	-56.57	0.00205	-134.35	-63.64	0.00259
-127.28	-70.71	0.00327	-120.21	-77.78	0.00412
-116.67	-81.32	0.00462	-113.14	-84.85	0.00515
-111.02	-86.97	0.00549	-109.60	-88.39	0.00573
-108.19	-89.80	0.00598	-106.77	-91.22	0.00625
-105.36	-92.63	0.00656	-92.63	-105.36	0.00323
-91.22	-106.77	0.00286	-89.80	-108.19	0.00257
-88.39	-109.60	0.00234	-86.97	-111.02	0.00215
-84.85	-113.14	0.00190	-81.32	-116.67	0.00159
-77.78	-120.21	0.00135	-70.71	-127.28	0.00102
-63.64	-134.35	0.00079	-56.57	-141.42	0.00064
-49.50	-148.49	0.00052	-42.43	-155.56	0.00044
-35.36	-162.63	0.00037	-28.28	-169.71	0.00032
-162.63	-21.21	0.00092	-155.56	-28.28	0.00113
-148.49	-35.36	0.00140	-141.42	-42.43	0.00173
-134.35	-49.50	0.00215	-127.28	-56.57	0.00267
-120.21	-63.64	0.00332	-113.14	-70.71	0.00413
-109.60	-74.25	0.00458	-106.07	-77.78	0.00505
-103.94	-79.90	0.00534	-102.53	-81.32	0.00552
-101.12	-82.73	0.00569	-99.70	-84.15	0.00584
-98.29	-85.56	0.00592	-85.56	-98.29	0.00274
-84.15	-99.70	0.00248	-82.73	-101.12	0.00226
-81.32	-102.53	0.00208	-79.90	-103.94	0.00192
-77.78	-106.07	0.00171	-74.25	-109.60	0.00144
-70.71	-113.14	0.00123	-63.64	-120.21	0.00093
-56.57	-127.28	0.00073	-49.50	-134.35	0.00059
-42.43	-141.42	0.00049	-35.36	-148.49	0.00041
-28.28	-155.56	0.00035	-21.21	-162.63	0.00030
-155.56	-14.14	0.00100	-148.49	-21.21	0.00121
-141.42	-28.28	0.00147	-134.35	-35.36	0.00179
-127.28	-42.43	0.00219	-120.21	-49.50	0.00267
-113.14	-56.57	0.00324	-106.07	-63.64	0.00385
-102.53	-67.18	0.00411	-98.99	-70.71	0.00427

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC

URBAN FLAT FLGPOL DFAULT

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

		12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00430	-95.46	-74.25	0.00428
-94.05	-75.66	0.00423	-92.63	-77.07	0.00415
-91.22	-78.49	0.00404	-78.49	-91.22	0.00234
-77.07	-92.63	0.00217	-75.66	-94.05	0.00202
-74.25	-95.46	0.00187	-72.83	-96.87	0.00174
-70.71	-98.99	0.00157	-67.18	-102.53	0.00133
-63.64	-106.07	0.00114	-56.57	-113.14	0.00087
-49.50	-120.21	0.00069	-42.43	-127.28	0.00056
-35.36	-134.35	0.00046	-28.28	-141.42	0.00039
-21.21	-148.49	0.00033	-14.14	-155.56	0.00029
-148.49	-7.07	0.00105	-141.42	-14.14	0.00126
-134.35	-21.21	0.00150	-127.28	-28.28	0.00180
-120.21	-35.36	0.00214	-113.14	-42.43	0.00253
-106.07	-49.50	0.00292	-98.99	-56.57	0.00319
-95.46	-60.10	0.00324	-91.92	-63.64	0.00321
-89.80	-65.76	0.00315	-88.39	-67.18	0.00309
-86.97	-68.59	0.00303	-85.56	-70.00	0.00295
-84.15	-71.42	0.00287	-71.42	-84.15	0.00192
-70.00	-85.56	0.00182	-68.59	-86.97	0.00172
-67.18	-88.39	0.00162	-65.76	-89.80	0.00153
-63.64	-91.92	0.00140	-60.10	-95.46	0.00121
-56.57	-98.99	0.00105	-49.50	-106.07	0.00081
-42.43	-113.14	0.00064	-35.36	-120.21	0.00052
-28.28	-127.28	0.00044	-21.21	-134.35	0.00037
-14.14	-141.42	0.00032	-7.07	-148.49	0.00027
-141.42	0.00	0.00108	-134.35	-7.07	0.00127
-127.28	-14.14	0.00148	-120.21	-21.21	0.00173
-113.14	-28.28	0.00200	-106.07	-35.36	0.00226
-98.99	-42.43	0.00246	-91.92	-49.50	0.00252
-88.39	-53.03	0.00250	-84.85	-56.57	0.00243
-82.73	-58.69	0.00236	-81.32	-60.10	0.00232
-79.90	-61.52	0.00227	-78.49	-62.93	0.00222
-77.07	-64.35	0.00217	-64.35	-77.07	0.00156
-62.93	-78.49	0.00150	-61.52	-79.90	0.00144
-60.10	-81.32	0.00138	-58.69	-82.73	0.00131
-56.57	-84.85	0.00122	-53.03	-88.39	0.00108
-49.50	-91.92	0.00096	-42.43	-98.99	0.00075
-35.36	-106.07	0.00060	-28.28	-113.14	0.00049
-21.21	-120.21	0.00041	-14.14	-127.28	0.00035
-7.07	-134.35	0.00030	0.00	-141.42	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:53:19

\*\*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	0.00107	-127.28	0.00	0.00124
-120.21	-7.07	0.00142	-113.14	-14.14	0.00160
-106.07	-21.21	0.00179	-98.99	-28.28	0.00194
-91.92	-35.36	0.00201	-84.85	-42.43	0.00200
-81.32	-45.96	0.00195	-77.78	-49.50	0.00188
-75.66	-51.62	0.00183	-74.25	-53.03	0.00180
-72.83	-54.45	0.00177	-71.42	-55.86	0.00174
-70.00	-57.28	0.00171	-57.28	-70.00	0.00129
-55.86	-71.42	0.00124	-54.45	-72.83	0.00120
-53.03	-74.25	0.00116	-51.62	-75.66	0.00112
-49.50	-77.78	0.00106	-45.96	-81.32	0.00096
-42.43	-84.85	0.00086	-35.36	-91.92	0.00069
-28.28	-98.99	0.00056	-21.21	-106.07	0.00046
-14.14	-113.14	0.00038	-7.07	-120.21	0.00033
0.00	-127.28	0.00028	7.07	-134.35	0.00025
-127.28	14.14	0.00104	-120.21	7.07	0.00117
-113.14	0.00	0.00131	-106.07	-7.07	0.00145
-98.99	-14.14	0.00156	-91.92	-21.21	0.00163
-84.85	-28.28	0.00165	-77.78	-35.36	0.00161
-74.25	-38.89	0.00156	-70.71	-42.43	0.00150
-68.59	-44.55	0.00146	-67.18	-45.96	0.00144
-65.76	-47.38	0.00142	-64.35	-48.79	0.00140
-62.93	-50.20	0.00138	-50.20	-62.93	0.00108
-48.79	-64.35	0.00104	-47.38	-65.76	0.00101
-45.96	-67.18	0.00098	-44.55	-68.59	0.00095
-42.43	-70.71	0.00091	-38.89	-74.25	0.00084
-35.36	-77.78	0.00077	-28.28	-84.85	0.00063
-21.21	-91.92	0.00052	-14.14	-98.99	0.00043
-7.07	-106.07	0.00036	0.00	-113.14	0.00031
7.07	-120.21	0.00027	14.14	-127.28	0.00023
-120.21	21.21	0.00099	-113.14	14.14	0.00109
-106.07	7.07	0.00119	-98.99	0.00	0.00128
-91.92	-7.07	0.00134	-84.85	-14.14	0.00138
-77.78	-21.21	0.00137	-70.71	-28.28	0.00131
-67.18	-31.82	0.00127	-63.64	-35.36	0.00122
-61.52	-37.48	0.00120	-60.10	-38.89	0.00119
-58.69	-40.31	0.00117	-57.28	-41.72	0.00116

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-55.86	-43.13	0.00114	-43.13	-55.86	0.00091
-41.72	-57.28	0.00089	-40.31	-58.69	0.00086
-38.89	-60.10	0.00084	-37.48	-61.52	0.00082

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 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	0.00079	-31.82	-67.18	0.00073
-28.28	-70.71	0.00068	-21.21	-77.78	0.00057
-14.14	-84.85	0.00048	-7.07	-91.92	0.00041
0.00	-98.99	0.00034	7.07	-106.07	0.00029
14.14	-113.14	0.00025	21.21	-120.21	0.00022
-113.14	28.28	0.00092	-106.07	21.21	0.00100
-98.99	14.14	0.00107	-91.92	7.07	0.00112
-84.85	0.00	0.00116	-77.78	-7.07	0.00117
-70.71	-14.14	0.00114	-63.64	-21.21	0.00108
-60.10	-24.75	0.00105	-56.57	-28.28	0.00102
-54.45	-30.41	0.00100	-53.03	-31.82	0.00099
-51.62	-33.23	0.00098	-50.20	-34.65	0.00097
-48.79	-36.06	0.00096	-36.06	-48.79	0.00078
-34.65	-50.20	0.00076	-33.23	-51.62	0.00074
-31.82	-53.03	0.00072	-30.41	-54.45	0.00071
-28.28	-56.57	0.00068	-24.75	-60.10	0.00064
-21.21	-63.64	0.00060	-14.14	-70.71	0.00052
-7.07	-77.78	0.00045	0.00	-84.85	0.00038
7.07	-91.92	0.00032	14.14	-98.99	0.00028
21.21	-106.07	0.00024	28.28	-113.14	0.00021
-106.07	35.36	0.00085	-98.99	28.28	0.00090
-91.92	21.21	0.00095	-84.85	14.14	0.00098
-77.78	7.07	0.00100	-70.71	0.00	0.00099
-63.64	-7.07	0.00096	-56.57	-14.14	0.00091
-53.03	-17.68	0.00089	-49.50	-21.21	0.00086
-47.38	-23.33	0.00085	-45.96	-24.75	0.00085
-44.55	-26.16	0.00084	-43.13	-27.58	0.00083
-41.72	-28.99	0.00082	-28.99	-41.72	0.00068
-27.58	-43.13	0.00066	-26.16	-44.55	0.00064
-24.75	-45.96	0.00063	-23.33	-47.38	0.00062
-21.21	-49.50	0.00060	-17.68	-53.03	0.00057

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	-56.57	0.00054	-7.07	-63.64	0.00047
0.00	-70.71	0.00041	7.07	-77.78	0.00035
14.14	-84.85	0.00031	21.21	-91.92	0.00026
28.28	-98.99	0.00023	35.36	-106.07	0.00020
-98.99	42.43	0.00077	-91.92	35.36	0.00081
-84.85	28.28	0.00084	-77.78	21.21	0.00086
-70.71	14.14	0.00087	-63.64	7.07	0.00085
-56.57	0.00	0.00082	-49.50	-7.07	0.00078
-45.96	-10.61	0.00076	-42.43	-14.14	0.00074

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

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

17:53:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00073	-38.89	-17.68	0.00073
-37.48	-19.09	0.00072	-36.06	-20.51	0.00071
-34.65	-21.92	0.00071	-21.92	-34.65	0.00059
-20.51	-36.06	0.00058	-19.09	-37.48	0.00057
-17.68	-38.89	0.00055	-16.26	-40.31	0.00054
-14.14	-42.43	0.00053	-10.61	-45.96	0.00050
-7.07	-49.50	0.00048	0.00	-56.57	0.00043
7.07	-63.64	0.00038	14.14	-70.71	0.00033
21.21	-77.78	0.00029	28.28	-84.85	0.00025
35.36	-91.92	0.00022	42.43	-98.99	0.00019
-91.92	49.50	0.00070	-84.85	42.43	0.00073
-77.78	35.36	0.00075	-70.71	28.28	0.00076
-63.64	21.21	0.00076	-56.57	14.14	0.00074
-49.50	7.07	0.00070	-42.43	0.00	0.00067
-38.89	-3.54	0.00066	-35.36	-7.07	0.00065
-33.23	-9.19	0.00064	-31.82	-10.61	0.00063
-30.41	-12.02	0.00063	-28.99	-13.44	0.00062
-27.58	-14.85	0.00062	-14.85	-27.58	0.00052
-13.44	-28.99	0.00051	-12.02	-30.41	0.00050
-10.61	-31.82	0.00049	-9.19	-33.23	0.00048
-7.07	-35.36	0.00047	-3.54	-38.89	0.00045
0.00	-42.43	0.00043	7.07	-49.50	0.00039
14.14	-56.57	0.00035	21.21	-63.64	0.00031
28.28	-70.71	0.00027	35.36	-77.78	0.00024
42.43	-84.85	0.00021	49.50	-91.92	0.00019

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	56.57	0.00064	-77.78	49.50	0.00066
-70.71	42.43	0.00067	-63.64	35.36	0.00067
-56.57	28.28	0.00066	-49.50	21.21	0.00064
-42.43	14.14	0.00061	-35.36	7.07	0.00059
-31.82	3.54	0.00058	-28.28	0.00	0.00057
-26.16	-2.12	0.00056	-24.75	-3.54	0.00056
-23.33	-4.95	0.00055	-21.92	-6.36	0.00055
-20.51	-7.78	0.00054	-7.78	-20.51	0.00046
-6.36	-21.92	0.00045	-4.95	-23.33	0.00045
-3.54	-24.75	0.00044	-2.12	-26.16	0.00043
0.00	-28.28	0.00042	3.54	-31.82	0.00040
7.07	-35.36	0.00039	14.14	-42.43	0.00035
21.21	-49.50	0.00032	28.28	-56.57	0.00028
35.36	-63.64	0.00025	42.43	-70.71	0.00023
49.50	-77.78	0.00020	56.57	-84.85	0.00018

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

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

17:53:19  
 \*\*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	0.00058	-70.71	56.57	0.00059
-63.64	49.50	0.00060	-56.57	42.43	0.00060
-49.50	35.36	0.00058	-42.43	28.28	0.00056
-35.36	21.21	0.00054	-28.28	14.14	0.00052
-24.75	10.61	0.00051	-21.21	7.07	0.00050
-19.09	4.95	0.00050	-17.68	3.54	0.00049
-16.26	2.12	0.00049	-14.85	0.71	0.00049
-13.44	-0.71	0.00048	-0.71	-13.44	0.00041
0.71	-14.85	0.00041	2.12	-16.26	0.00040
3.54	-17.68	0.00039	4.95	-19.09	0.00039
7.07	-21.21	0.00038	10.61	-24.75	0.00036
14.14	-28.28	0.00035	21.21	-35.36	0.00032
28.28	-42.43	0.00029	35.36	-49.50	0.00026
42.43	-56.57	0.00024	49.50	-63.64	0.00021
56.57	-70.71	0.00019	63.64	-77.78	0.00017
-70.71	70.71	0.00053	-63.64	63.64	0.00053
-56.57	56.57	0.00054	-49.50	49.50	0.00053
-42.43	42.43	0.00051	-35.36	35.36	0.00050
-28.28	28.28	0.00048	-21.21	21.21	0.00046

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-17.68	17.68	0.00045	-14.14	14.14	0.00045
-12.02	12.02	0.00044	-10.61	10.61	0.00044
-9.19	9.19	0.00044	-7.78	7.78	0.00043
-6.36	6.36	0.00043	6.36	-6.36	0.00037
7.78	-7.78	0.00037	9.19	-9.19	0.00036
10.61	-10.61	0.00035	12.02	-12.02	0.00035
14.14	-14.14	0.00034	17.68	-17.68	0.00033
21.21	-21.21	0.00032	28.28	-28.28	0.00029
35.36	-35.36	0.00027	42.43	-42.43	0.00025
49.50	-49.50	0.00022	56.57	-56.57	0.00020
63.64	-63.64	0.00018	70.71	-70.71	0.00016
-63.64	77.78	0.00048	-56.57	70.71	0.00048
-49.50	63.64	0.00048	-42.43	56.57	0.00047
-35.36	49.50	0.00046	-28.28	42.43	0.00044
-21.21	35.36	0.00042	-14.14	28.28	0.00041
-10.61	24.75	0.00041	-7.07	21.21	0.00040
-4.95	19.09	0.00040	-3.54	17.68	0.00040
-2.12	16.26	0.00039	-0.71	14.85	0.00039
0.71	13.44	0.00039	13.44	0.71	0.00034
14.85	-0.71	0.00033	16.26	-2.12	0.00033
17.68	-3.54	0.00032	19.09	-4.95	0.00032

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	0.00031	24.75	-10.61	0.00030
28.28	-14.14	0.00029	35.36	-21.21	0.00027
42.43	-28.28	0.00025	49.50	-35.36	0.00023
56.57	-42.43	0.00021	63.64	-49.50	0.00019
70.71	-56.57	0.00017	77.78	-63.64	0.00016
-56.57	84.85	0.00044	-49.50	77.78	0.00044
-42.43	70.71	0.00043	-35.36	63.64	0.00042
-28.28	56.57	0.00041	-21.21	49.50	0.00039
-14.14	42.43	0.00038	-7.07	35.36	0.00037
-3.54	31.82	0.00037	0.00	28.28	0.00036
2.12	26.16	0.00036	3.54	24.75	0.00036
4.95	23.33	0.00035	6.36	21.92	0.00035
7.78	20.51	0.00035	20.51	7.78	0.00031

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

21.92	6.36	0.00030	23.33	4.95	0.00030
24.75	3.54	0.00029	26.16	2.12	0.00029
28.28	0.00	0.00028	31.82	-3.54	0.00027
35.36	-7.07	0.00026	42.43	-14.14	0.00025
49.50	-21.21	0.00023	56.57	-28.28	0.00021
63.64	-35.36	0.00020	70.71	-42.43	0.00018
77.78	-49.50	0.00016	84.85	-56.57	0.00015
-49.50	91.92	0.00040	-42.43	84.85	0.00040
-35.36	77.78	0.00039	-28.28	70.71	0.00038
-21.21	63.64	0.00037	-14.14	56.57	0.00036
-7.07	49.50	0.00035	0.00	42.43	0.00034
3.54	38.89	0.00033	7.07	35.36	0.00033
9.19	33.23	0.00033	10.61	31.82	0.00032
12.02	30.41	0.00032	13.44	28.99	0.00032
14.85	27.58	0.00032	27.58	14.85	0.00028
28.99	13.44	0.00028	30.41	12.02	0.00027
31.82	10.61	0.00027	33.23	9.19	0.00026
35.36	7.07	0.00026	38.89	3.54	0.00025
42.43	0.00	0.00024	49.50	-7.07	0.00023
56.57	-14.14	0.00022	63.64	-21.21	0.00020
70.71	-28.28	0.00018	77.78	-35.36	0.00017
84.85	-42.43	0.00015	91.92	-49.50	0.00014
-42.43	98.99	0.00037	-35.36	91.92	0.00036
-28.28	84.85	0.00036	-21.21	77.78	0.00034
-14.14	70.71	0.00033	-7.07	63.64	0.00032
0.00	56.57	0.00031	7.07	49.50	0.00031
10.61	45.96	0.00030	14.14	42.43	0.00030

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

17:53:19  
 \*\*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	0.00030	17.68	38.89	0.00030
19.09	37.48	0.00029	20.51	36.06	0.00029
21.92	34.65	0.00029	34.65	21.92	0.00026
36.06	20.51	0.00025	37.48	19.09	0.00025
38.89	17.68	0.00025	40.31	16.26	0.00024
42.43	14.14	0.00024	45.96	10.61	0.00023
49.50	7.07	0.00022	56.57	0.00	0.00021



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

63.64	-7.07	0.00020	70.71	-14.14	0.00019
77.78	-21.21	0.00017	84.85	-28.28	0.00016
91.92	-35.36	0.00015	98.99	-42.43	0.00014
-35.36	106.07	0.00034	-28.28	98.99	0.00033
-21.21	91.92	0.00032	-14.14	84.85	0.00031
-7.07	77.78	0.00030	0.00	70.71	0.00029
7.07	63.64	0.00029	14.14	56.57	0.00028
17.68	53.03	0.00028	21.21	49.50	0.00028
23.33	47.38	0.00027	24.75	45.96	0.00027
26.16	44.55	0.00027	27.58	43.13	0.00027
28.99	41.72	0.00026	41.72	28.99	0.00024
43.13	27.58	0.00023	44.55	26.16	0.00023
45.96	24.75	0.00023	47.38	23.33	0.00022
49.50	21.21	0.00022	53.03	17.68	0.00021
56.57	14.14	0.00021	63.64	7.07	0.00020
70.71	0.00	0.00019	77.78	-7.07	0.00018
84.85	-14.14	0.00016	91.92	-21.21	0.00015
98.99	-28.28	0.00014	106.07	-35.36	0.00013
-28.28	113.14	0.00031	-21.21	106.07	0.00030
-14.14	98.99	0.00029	-7.07	91.92	0.00029
0.00	84.85	0.00028	7.07	77.78	0.00027
14.14	70.71	0.00026	21.21	63.64	0.00026
24.75	60.10	0.00026	28.28	56.57	0.00025
30.41	54.45	0.00025	31.82	53.03	0.00025
33.23	51.62	0.00025	34.65	50.20	0.00025
36.06	48.79	0.00024	48.79	36.06	0.00022
50.20	34.65	0.00022	51.62	33.23	0.00021
53.03	31.82	0.00021	54.45	30.41	0.00021
56.57	28.28	0.00020	60.10	24.75	0.00020
63.64	21.21	0.00019	70.71	14.14	0.00018
77.78	7.07	0.00017	84.85	0.00	0.00016
91.92	-7.07	0.00015	98.99	-14.14	0.00014
106.07	-21.21	0.00013	113.14	-28.28	0.00012

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	0.00028	-14.14	113.14	0.00028

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

\*\*\*

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

67.18 102.53 0.00017 70.71 98.99 0.00016

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	0.00016	74.25	95.46	0.00016
75.66	94.05	0.00016	77.07	92.63	0.00016
78.49	91.22	0.00016	91.22	78.49	0.00014
92.63	77.07	0.00014	94.05	75.66	0.00014
95.46	74.25	0.00014	96.87	72.83	0.00014
98.99	70.71	0.00014	102.53	67.18	0.00013
106.07	63.64	0.00013	113.14	56.57	0.00012
120.21	49.50	0.00012	127.28	42.43	0.00011
134.35	35.36	0.00011	141.42	28.28	0.00011
148.49	21.21	0.00010	155.56	14.14	0.00009
21.21	162.63	0.00018	28.28	155.56	0.00017
35.36	148.49	0.00017	42.43	141.42	0.00017
49.50	134.35	0.00016	56.57	127.28	0.00016
63.64	120.21	0.00016	70.71	113.14	0.00016
74.25	109.60	0.00016	77.78	106.07	0.00015
79.90	103.94	0.00015	81.32	102.53	0.00015
82.73	101.12	0.00015	84.15	99.70	0.00015
85.56	98.29	0.00015	98.29	85.56	0.00014
99.70	84.15	0.00013	101.12	82.73	0.00013
102.53	81.32	0.00013	103.94	79.90	0.00013
106.07	77.78	0.00013	109.60	74.25	0.00013
113.14	70.71	0.00012	120.21	63.64	0.00012
127.28	56.57	0.00011	134.35	49.50	0.00011
141.42	42.43	0.00010	148.49	35.36	0.00010
155.56	28.28	0.00010	162.63	21.21	0.00009
28.28	169.71	0.00017	35.36	162.63	0.00016
42.43	155.56	0.00016	49.50	148.49	0.00016
56.57	141.42	0.00015	63.64	134.35	0.00015
70.71	127.28	0.00015	77.78	120.21	0.00015
81.32	116.67	0.00015	84.85	113.14	0.00014
86.97	111.02	0.00014	88.39	109.60	0.00014
89.80	108.19	0.00014	91.22	106.77	0.00014
92.63	105.36	0.00014	105.36	92.63	0.00013

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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\_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	0.00016	42.43	169.71	0.00015
49.50	162.63	0.00015	56.57	155.56	0.00015
63.64	148.49	0.00014	70.71	141.42	0.00014
77.78	134.35	0.00014	84.85	127.28	0.00014
88.39	123.74	0.00014	91.92	120.21	0.00014
94.05	118.09	0.00013	95.46	116.67	0.00013
96.87	115.26	0.00013	98.29	113.84	0.00013
99.70	112.43	0.00013	112.43	99.70	0.00012
113.84	98.29	0.00012	115.26	96.87	0.00012
116.67	95.46	0.00012	118.09	94.05	0.00012
120.21	91.92	0.00011	123.74	88.39	0.00011
127.28	84.85	0.00011	134.35	77.78	0.00010
141.42	70.71	0.00010	148.49	63.64	0.00010
155.56	56.57	0.00009	162.63	49.50	0.00009
169.71	42.43	0.00009	176.78	35.36	0.00008
42.43	183.85	0.00015	49.50	176.78	0.00014
56.57	169.71	0.00014	63.64	162.63	0.00014
70.71	155.56	0.00014	77.78	148.49	0.00013
84.85	141.42	0.00013	91.92	134.35	0.00013
95.46	130.81	0.00013	98.99	127.28	0.00013
101.12	125.16	0.00013	102.53	123.74	0.00013
103.94	122.33	0.00013	105.36	120.92	0.00012
106.77	119.50	0.00012	119.50	106.77	0.00011
120.92	105.36	0.00011	122.33	103.94	0.00011
123.74	102.53	0.00011	125.16	101.12	0.00011
127.28	98.99	0.00011	130.81	95.46	0.00011
134.35	91.92	0.00010	141.42	84.85	0.00010

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	77.78	0.00010	155.56	70.71	0.00009
162.63	63.64	0.00009	169.71	56.57	0.00009
176.78	49.50	0.00008	183.85	42.43	0.00008
49.50	190.92	0.00014	56.57	183.85	0.00013
63.64	176.78	0.00013	70.71	169.71	0.00013
77.78	162.63	0.00013	84.85	155.56	0.00013
91.92	148.49	0.00013	98.99	141.42	0.00012
102.53	137.89	0.00012	106.07	134.35	0.00012
108.19	132.23	0.00012	109.60	130.81	0.00012
111.02	129.40	0.00012	112.43	127.99	0.00012
113.84	126.57	0.00012	126.57	113.84	0.00011
127.99	112.43	0.00011	129.40	111.02	0.00011
130.81	109.60	0.00011	132.23	108.19	0.00010

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
134.35	106.07	0.00010	137.89	102.53	0.00010
141.42	98.99	0.00010	148.49	91.92	0.00009
155.56	84.85	0.00009	162.63	77.78	0.00009
169.71	70.71	0.00009	176.78	63.64	0.00008
183.85	56.57	0.00008	190.92	49.50	0.00008
56.57	197.99	0.00013	63.64	190.92	0.00013
70.71	183.85	0.00012	77.78	176.78	0.00012
84.85	169.71	0.00012	91.92	162.63	0.00012
98.99	155.56	0.00012	106.07	148.49	0.00012
109.60	144.96	0.00012	113.14	141.42	0.00011
115.26	139.30	0.00011	116.67	137.89	0.00011
118.09	136.47	0.00011	119.50	135.06	0.00011
120.92	133.64	0.00011	133.64	120.92	0.00010
135.06	119.50	0.00010	136.47	118.09	0.00010
137.89	116.67	0.00010	139.30	115.26	0.00010
141.42	113.14	0.00010	144.96	109.60	0.00010
148.49	106.07	0.00009	155.56	98.99	0.00009
162.63	91.92	0.00009	169.71	84.85	0.00008
176.78	77.78	0.00008	183.85	70.71	0.00008
190.92	63.64	0.00008	197.99	56.57	0.00007
63.64	205.06	0.00012	70.71	197.99	0.00012

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	190.92	0.00012	84.85	183.85	0.00012
91.92	176.78	0.00012	98.99	169.71	0.00011
106.07	162.63	0.00011	113.14	155.56	0.00011
116.67	152.03	0.00011	120.21	148.49	0.00011
122.33	146.37	0.00011	123.74	144.96	0.00011
125.16	143.54	0.00011	126.57	142.13	0.00011
127.99	140.71	0.00011	140.71	127.99	0.00010
142.13	126.57	0.00010	143.54	125.16	0.00010
144.96	123.74	0.00010	146.37	122.33	0.00009
148.49	120.21	0.00009	152.03	116.67	0.00009
155.56	113.14	0.00009	162.63	106.07	0.00009
169.71	98.99	0.00008	176.78	91.92	0.00008
183.85	84.85	0.00008	190.92	77.78	0.00008
197.99	70.71	0.00007	205.06	63.64	0.00007
70.71	212.13	0.00012	77.78	205.06	0.00011
84.85	197.99	0.00011	91.92	190.92	0.00011
98.99	183.85	0.00011	106.07	176.78	0.00011
113.14	169.71	0.00011	120.21	162.63	0.00011
123.74	159.10	0.00010	127.28	155.56	0.00010

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

\*\*\* Maximum train overlap at 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	0.00010	130.81	152.03	0.00010
132.23	150.61	0.00010	133.64	149.20	0.00010
135.06	147.79	0.00010	147.79	135.06	0.00009
149.20	133.64	0.00009	150.61	132.23	0.00009
152.03	130.81	0.00009	153.44	129.40	0.00009
155.56	127.28	0.00009	159.10	123.74	0.00009
162.63	120.21	0.00009	169.71	113.14	0.00008
176.78	106.07	0.00008	183.85	98.99	0.00008
190.92	91.92	0.00007	197.99	84.85	0.00007
205.06	77.78	0.00007	212.13	70.71	0.00007
77.78	219.20	0.00011	84.85	212.13	0.00011
91.92	205.06	0.00011	98.99	197.99	0.00010
106.07	190.92	0.00010	113.14	183.85	0.00010
120.21	176.78	0.00010	127.28	169.71	0.00010
130.81	166.17	0.00010	134.35	162.63	0.00010

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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
91.92	233.35	0.00010	98.99	226.27	0.00010
106.07	219.20	0.00010	113.14	212.13	0.00010
120.21	205.06	0.00009	127.28	197.99	0.00009
134.35	190.92	0.00009	141.42	183.85	0.00009
144.96	180.31	0.00009	148.49	176.78	0.00009
150.61	174.66	0.00009	152.03	173.24	0.00009
153.44	171.83	0.00009	154.86	170.41	0.00009
156.27	169.00	0.00009	169.00	156.27	0.00008
170.41	154.86	0.00008	171.83	153.44	0.00008



12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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

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	0.00007	194.45	159.10	0.00007
197.99	155.56	0.00007	205.06	148.49	0.00007
212.13	141.42	0.00006	219.20	134.35	0.00006

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

226.27	127.28	0.00006	233.35	120.21	0.00006
240.42	113.14	0.00006	247.49	106.07	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: 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	0.00146	-240.42	-113.14	0.00162
-233.35	-120.21	0.00181	-226.27	-127.28	0.00203
-219.20	-134.35	0.00229	-212.13	-141.42	0.00261
-205.06	-148.49	0.00298	-197.99	-155.56	0.00341
-194.45	-159.10	0.00366	-190.92	-162.63	0.00391
-188.80	-164.76	0.00406	-187.38	-166.17	0.00415
-185.97	-167.58	0.00424	-184.55	-169.00	0.00432
-183.14	-170.41	0.00441	-170.41	-183.14	0.00463
-169.00	-184.55	0.00460	-167.58	-185.97	0.00457
-166.17	-187.38	0.00454	-164.76	-188.80	0.00449
-162.63	-190.92	0.00441	-159.10	-194.45	0.00422
-155.56	-197.99	0.00400	-148.49	-205.06	0.00354
-141.42	-212.13	0.00313	-134.35	-219.20	0.00279
-127.28	-226.27	0.00249	-120.21	-233.35	0.00224
-113.14	-240.42	0.00203	-106.07	-247.49	0.00184
-240.42	-98.99	0.00149	-233.35	-106.07	0.00166
-226.27	-113.14	0.00186	-219.20	-120.21	0.00209
-212.13	-127.28	0.00238	-205.06	-134.35	0.00273
-197.99	-141.42	0.00315	-190.92	-148.49	0.00367
-187.38	-152.03	0.00397	-183.85	-155.56	0.00429
-181.73	-157.68	0.00450	-180.31	-159.10	0.00465
-178.90	-160.51	0.00479	-177.48	-161.93	0.00493
-176.07	-163.34	0.00506	-163.34	-176.07	0.00546
-161.93	-177.48	0.00540	-160.51	-178.90	0.00533
-159.10	-180.31	0.00524	-157.68	-181.73	0.00513
-155.56	-183.85	0.00495	-152.03	-187.38	0.00464
-148.49	-190.92	0.00434	-141.42	-197.99	0.00379
-134.35	-205.06	0.00333	-127.28	-212.13	0.00294
-120.21	-219.20	0.00261	-113.14	-226.27	0.00233
-106.07	-233.35	0.00210	-98.99	-240.42	0.00190
-233.35	-91.92	0.00152	-226.27	-99.00	0.00169
-219.20	-106.07	0.00190	-212.13	-113.14	0.00215

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-120.21	0.00245	-197.99	-127.28	0.00282
-190.92	-134.35	0.00328	-183.85	-141.42	0.00386
-180.31	-144.96	0.00420	-176.78	-148.49	0.00460
-174.66	-150.61	0.00487	-173.24	-152.03	0.00506
-171.83	-153.44	0.00527	-170.41	-154.86	0.00551
-169.00	-156.27	0.00577	-156.27	-169.00	0.00642
-154.86	-170.41	0.00622	-153.44	-171.83	0.00603
-152.03	-173.24	0.00585	-150.61	-174.66	0.00567

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
-148.49	-176.78	0.00542	-144.96	-180.31	0.00502
-141.42	-183.85	0.00465	-134.35	-190.92	0.00402
-127.28	-197.99	0.00349	-120.21	-205.06	0.00306
-113.14	-212.13	0.00270	-106.07	-219.20	0.00240
-98.99	-226.27	0.00215	-91.92	-233.35	0.00194
-226.27	-84.85	0.00155	-219.20	-91.92	0.00173
-212.13	-99.00	0.00195	-205.06	-106.07	0.00221
-197.99	-113.14	0.00253	-190.92	-120.21	0.00292
-183.85	-127.28	0.00341	-176.78	-134.35	0.00403
-173.24	-137.89	0.00441	-169.71	-141.42	0.00486
-167.58	-143.54	0.00518	-166.17	-144.96	0.00542
-164.76	-146.37	0.00570	-163.34	-147.79	0.00607
-161.93	-149.20	0.00656	-149.20	-161.93	0.00702
-147.79	-163.34	0.00671	-146.37	-164.76	0.00645
-144.96	-166.17	0.00622	-143.54	-167.58	0.00600
-141.42	-169.71	0.00570	-137.89	-173.24	0.00525
-134.35	-176.78	0.00485	-127.28	-183.85	0.00416
-120.21	-190.92	0.00360	-113.14	-197.99	0.00315
-106.07	-205.06	0.00277	-98.99	-212.13	0.00246
-91.92	-219.20	0.00220	-84.85	-226.27	0.00198
-219.20	-77.78	0.00158	-212.13	-84.85	0.00177
-205.06	-91.92	0.00200	-197.99	-99.00	0.00228
-190.92	-106.07	0.00263	-183.85	-113.14	0.00307
-176.78	-120.21	0.00364	-169.71	-127.28	0.00444
-166.17	-130.81	0.00501	-162.63	-134.35	0.00576
-160.51	-136.47	0.00633	-159.10	-137.89	0.00678

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-157.68	-139.30	0.00729	-156.27	-140.71	0.00786
-154.86	-142.13	0.00855	-142.13	-154.86	0.00750
-140.71	-156.27	0.00710	-139.30	-157.68	0.00678
-137.89	-159.10	0.00650	-136.47	-160.51	0.00626
-134.35	-162.63	0.00593	-130.81	-166.17	0.00544
-127.28	-169.71	0.00501	-120.21	-176.78	0.00428
-113.14	-183.85	0.00369	-106.07	-190.92	0.00321
-98.99	-197.99	0.00282	-91.92	-205.06	0.00250
-84.85	-212.13	0.00223	-77.78	-219.20	0.00200
-212.13	-70.71	0.00163	-205.06	-77.78	0.00183
-197.99	-84.85	0.00209	-190.92	-91.92	0.00240
-183.85	-98.99	0.00280	-176.78	-106.07	0.00333
-169.71	-113.14	0.00408	-162.63	-120.21	0.00521
-159.10	-123.74	0.00598	-155.56	-127.28	0.00693

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	0.00759	-152.03	-130.81	0.00807
-150.61	-132.23	0.00859	-149.20	-133.64	0.00915
-147.79	-135.06	0.00980	-135.06	-147.79	0.00799
-133.64	-149.20	0.00752	-132.23	-150.61	0.00714
-130.81	-152.03	0.00682	-129.40	-153.44	0.00653
-127.28	-155.56	0.00615	-123.74	-159.10	0.00562
-120.21	-162.63	0.00516	-113.14	-169.71	0.00439
-106.07	-176.78	0.00378	-98.99	-183.85	0.00328
-91.92	-190.92	0.00287	-84.85	-197.99	0.00254
-77.78	-205.06	0.00226	-70.71	-212.13	0.00203
-205.06	-63.64	0.00169	-197.99	-70.71	0.00192
-190.92	-77.78	0.00220	-183.85	-84.85	0.00257
-176.78	-91.92	0.00305	-169.71	-98.99	0.00371
-162.63	-106.07	0.00464	-155.56	-113.14	0.00597
-152.03	-116.67	0.00681	-148.49	-120.21	0.00779
-146.37	-122.33	0.00846	-144.96	-123.74	0.00892
-143.54	-125.16	0.00943	-142.13	-126.57	0.00997
-140.71	-127.99	0.01057	-127.99	-140.71	0.00841
-126.57	-142.13	0.00790	-125.16	-143.54	0.00748
-123.74	-144.96	0.00712	-122.33	-146.37	0.00681

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-148.49	0.00639	-116.67	-152.03	0.00579
-113.14	-155.56	0.00530	-106.07	-162.63	0.00449
-98.99	-169.71	0.00385	-91.92	-176.78	0.00334
-84.85	-183.85	0.00292	-77.78	-190.92	0.00257
-70.71	-197.99	0.00229	-63.64	-205.06	0.00205
-197.99	-56.57	0.00177	-190.92	-63.64	0.00203
-183.85	-70.71	0.00236	-176.78	-77.78	0.00278
-169.71	-84.85	0.00335	-162.63	-91.92	0.00411
-155.56	-98.99	0.00516	-148.49	-106.07	0.00657
-144.96	-109.60	0.00743	-141.42	-113.14	0.00841
-139.30	-115.26	0.00905	-137.89	-116.67	0.00951
-136.47	-118.09	0.00999	-135.06	-119.50	0.01051
-133.64	-120.92	0.01110	-120.92	-133.64	0.00874
-119.50	-135.06	0.00821	-118.09	-136.47	0.00777
-116.67	-137.89	0.00739	-115.26	-139.30	0.00705
-113.14	-141.42	0.00660	-109.60	-144.96	0.00597
-106.07	-148.49	0.00544	-98.99	-155.56	0.00458
-91.92	-162.63	0.00392	-84.85	-169.71	0.00339
-77.78	-176.78	0.00296	-70.71	-183.85	0.00261
-63.64	-190.92	0.00232	-56.57	-197.99	0.00207

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

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

17:53:19  
 \*\*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	-49.50	0.00187	-183.85	-56.57	0.00217
-176.78	-63.64	0.00253	-169.71	-70.71	0.00301
-162.63	-77.78	0.00365	-155.56	-84.85	0.00449
-148.49	-91.92	0.00559	-141.42	-98.99	0.00702
-137.89	-102.53	0.00788	-134.35	-106.07	0.00884
-132.23	-108.19	0.00948	-130.81	-109.60	0.00993
-129.40	-111.02	0.01040	-127.99	-112.43	0.01091
-126.57	-113.84	0.01148	-113.84	-126.57	0.00900
-112.43	-127.99	0.00845	-111.02	-129.40	0.00800
-109.60	-130.81	0.00761	-108.19	-132.23	0.00725
-106.07	-134.35	0.00678	-102.53	-137.89	0.00612
-98.99	-141.42	0.00556	-91.92	-148.49	0.00467
-84.85	-155.56	0.00398	-77.78	-162.63	0.00344
-70.71	-169.71	0.00300	-63.64	-176.78	0.00264

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-183.85	0.00234	-49.50	-190.92	0.00209
-183.85	-42.43	0.00199	-176.78	-49.50	0.00231
-169.71	-56.57	0.00272	-162.63	-63.64	0.00324
-155.56	-70.71	0.00392	-148.49	-77.78	0.00480
-141.42	-84.85	0.00593	-134.35	-91.92	0.00737
-130.81	-95.46	0.00822	-127.28	-98.99	0.00917
-125.16	-101.12	0.00980	-123.74	-102.53	0.01024
-122.33	-103.94	0.01069	-120.92	-105.36	0.01120
-119.50	-106.77	0.01176	-106.77	-119.50	0.00921
-105.36	-120.92	0.00865	-103.94	-122.33	0.00818
-102.53	-123.74	0.00778	-101.12	-125.16	0.00742
-98.99	-127.28	0.00694	-95.46	-130.81	0.00625
-91.92	-134.35	0.00568	-84.85	-141.42	0.00475
-77.78	-148.49	0.00404	-70.71	-155.56	0.00348
-63.64	-162.63	0.00303	-56.57	-169.71	0.00266
-49.50	-176.78	0.00236	-42.43	-183.85	0.00211
-176.78	-35.36	0.00211	-169.71	-42.43	0.00246
-162.63	-49.50	0.00290	-155.56	-56.57	0.00346
-148.49	-63.64	0.00416	-141.42	-70.71	0.00506
-134.35	-77.78	0.00620	-127.28	-84.85	0.00763
-123.74	-88.39	0.00848	-120.21	-91.92	0.00942
-118.09	-94.05	0.01004	-116.67	-95.46	0.01047
-115.26	-96.87	0.01093	-113.84	-98.29	0.01142
-112.43	-99.70	0.01198	-99.70	-112.43	0.00937
-98.29	-113.84	0.00881	-96.87	-115.26	0.00833
-95.46	-116.67	0.00793	-94.05	-118.09	0.00756

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

17:53:19  
 \*\*MODELOPTS:  
 PAGE 127  
 CONC

URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00707	-88.39	-123.74	0.00637
-84.85	-127.28	0.00577	-77.78	-134.35	0.00482
-70.71	-141.42	0.00409	-63.64	-148.49	0.00352
-56.57	-155.56	0.00306	-49.50	-162.63	0.00269
-42.43	-169.71	0.00238	-35.36	-176.78	0.00212
-169.71	-28.28	0.00223	-162.63	-35.36	0.00260
-155.56	-42.43	0.00306	-148.49	-49.50	0.00364
-141.42	-56.57	0.00436	-134.35	-63.64	0.00527

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-70.71	0.00641	-120.21	-77.78	0.00784
-116.67	-81.32	0.00868	-113.14	-84.85	0.00961
-111.02	-86.97	0.01021	-109.60	-88.39	0.01064
-108.19	-89.80	0.01110	-106.77	-91.22	0.01162
-105.36	-92.63	0.01219	-92.63	-105.36	0.00951
-91.22	-106.77	0.00893	-89.80	-108.19	0.00845
-88.39	-109.60	0.00804	-86.97	-111.02	0.00767
-84.85	-113.14	0.00717	-81.32	-116.67	0.00646
-77.78	-120.21	0.00585	-70.71	-127.28	0.00489
-63.64	-134.35	0.00414	-56.57	-141.42	0.00356
-49.50	-148.49	0.00309	-42.43	-155.56	0.00271
-35.36	-162.63	0.00239	-28.28	-169.71	0.00213
-162.63	-21.21	0.00234	-155.56	-28.28	0.00273
-148.49	-35.36	0.00321	-141.42	-42.43	0.00380
-134.35	-49.50	0.00453	-127.28	-56.57	0.00544
-120.21	-63.64	0.00658	-113.14	-70.71	0.00800
-109.60	-74.25	0.00883	-106.07	-77.78	0.00975
-103.94	-79.90	0.01036	-102.53	-81.32	0.01079
-101.12	-82.73	0.01124	-99.70	-84.15	0.01175
-98.29	-85.56	0.01233	-85.56	-98.29	0.00961
-84.15	-99.70	0.00904	-82.73	-101.12	0.00855
-81.32	-102.53	0.00814	-79.90	-103.94	0.00776
-77.78	-106.07	0.00726	-74.25	-109.60	0.00654
-70.71	-113.14	0.00593	-63.64	-120.21	0.00494
-56.57	-127.28	0.00419	-49.50	-134.35	0.00359
-42.43	-141.42	0.00311	-35.36	-148.49	0.00272
-28.28	-155.56	0.00240	-21.21	-162.63	0.00214
-155.56	-14.14	0.00245	-148.49	-21.21	0.00285
-141.42	-28.28	0.00333	-134.35	-35.36	0.00393
-127.28	-42.43	0.00467	-120.21	-49.50	0.00559
-113.14	-56.57	0.00672	-106.07	-63.64	0.00813
-102.53	-67.18	0.00896	-98.99	-70.71	0.00987

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

17:53:19  
 \*\*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	0.01048	-95.46	-74.25	0.01091
-94.05	-75.66	0.01136	-92.63	-77.07	0.01185

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.22	-78.49	0.01242	-78.49	-91.22	0.00968
-77.07	-92.63	0.00911	-75.66	-94.05	0.00863
-74.25	-95.46	0.00821	-72.83	-96.87	0.00784
-70.71	-98.99	0.00733	-67.18	-102.53	0.00661
-63.64	-106.07	0.00599	-56.57	-113.14	0.00499
-49.50	-120.21	0.00422	-42.43	-127.28	0.00362
-35.36	-134.35	0.00313	-28.28	-141.42	0.00274
-21.21	-148.49	0.00241	-14.14	-155.56	0.00214
-148.49	-7.07	0.00254	-141.42	-14.14	0.00295
-134.35	-21.21	0.00344	-127.28	-28.28	0.00404
-120.21	-35.36	0.00479	-113.14	-42.43	0.00570
-106.07	-49.50	0.00684	-98.99	-56.57	0.00824
-95.46	-60.10	0.00905	-91.92	-63.64	0.00997
-89.80	-65.76	0.01057	-88.39	-67.18	0.01100
-86.97	-68.59	0.01145	-85.56	-70.00	0.01194
-84.15	-71.42	0.01250	-71.42	-84.15	0.00974
-70.00	-85.56	0.00917	-68.59	-86.97	0.00869
-67.18	-88.39	0.00827	-65.76	-89.80	0.00790
-63.64	-91.92	0.00739	-60.10	-95.46	0.00666
-56.57	-98.99	0.00604	-49.50	-106.07	0.00503
-42.43	-113.14	0.00425	-35.36	-120.21	0.00364
-28.28	-127.28	0.00315	-21.21	-134.35	0.00275
-14.14	-141.42	0.00242	-7.07	-148.49	0.00215
-141.42	0.00	0.00262	-134.35	-7.07	0.00304
-127.28	-14.14	0.00353	-120.21	-21.21	0.00414
-113.14	-28.28	0.00488	-106.07	-35.36	0.00580
-98.99	-42.43	0.00692	-91.92	-49.50	0.00832
-88.39	-53.03	0.00913	-84.85	-56.57	0.01004
-82.73	-58.69	0.01064	-81.32	-60.10	0.01106
-79.90	-61.52	0.01152	-78.49	-62.93	0.01201
-77.07	-64.35	0.01257	-64.35	-77.07	0.00980
-62.93	-78.49	0.00922	-61.52	-79.90	0.00874
-60.10	-81.32	0.00832	-58.69	-82.73	0.00794
-56.57	-84.85	0.00743	-53.03	-88.39	0.00670
-49.50	-91.92	0.00608	-42.43	-98.99	0.00506
-35.36	-106.07	0.00428	-28.28	-113.14	0.00366
-21.21	-120.21	0.00316	-14.14	-127.28	0.00276
-7.07	-134.35	0.00243	0.00	-141.42	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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 \*\*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	0.00270	-127.28	0.00	0.00311
-120.21	-7.07	0.00361	-113.14	-14.14	0.00422
-106.07	-21.21	0.00496	-98.99	-28.28	0.00587
-91.92	-35.36	0.00700	-84.85	-42.43	0.00838
-81.32	-45.96	0.00920	-77.78	-49.50	0.01010
-75.66	-51.62	0.01070	-74.25	-53.03	0.01112
-72.83	-54.45	0.01158	-71.42	-55.86	0.01207
-70.00	-57.28	0.01262	-57.28	-70.00	0.00984
-55.86	-71.42	0.00927	-54.45	-72.83	0.00878
-53.03	-74.25	0.00836	-51.62	-75.66	0.00798
-49.50	-77.78	0.00747	-45.96	-81.32	0.00674
-42.43	-84.85	0.00611	-35.36	-91.92	0.00509
-28.28	-98.99	0.00430	-21.21	-106.07	0.00367
-14.14	-113.14	0.00317	-7.07	-120.21	0.00276
0.00	-127.28	0.00243	7.07	-134.35	0.00215
-127.28	14.14	0.00276	-120.21	7.07	0.00318
-113.14	0.00	0.00368	-106.07	-7.07	0.00429
-98.99	-14.14	0.00503	-91.92	-21.21	0.00594
-84.85	-28.28	0.00705	-77.78	-35.36	0.00844
-74.25	-38.89	0.00925	-70.71	-42.43	0.01015
-68.59	-44.55	0.01075	-67.18	-45.96	0.01117
-65.76	-47.38	0.01163	-64.35	-48.79	0.01211
-62.93	-50.20	0.01266	-50.20	-62.93	0.00988
-48.79	-64.35	0.00930	-47.38	-65.76	0.00882
-45.96	-67.18	0.00839	-44.55	-68.59	0.00801
-42.43	-70.71	0.00750	-38.89	-74.25	0.00676
-35.36	-77.78	0.00613	-28.28	-84.85	0.00511
-21.21	-91.92	0.00431	-14.14	-98.99	0.00368
-7.07	-106.07	0.00318	0.00	-113.14	0.00277
7.07	-120.21	0.00243	14.14	-127.28	0.00215
-120.21	21.21	0.00281	-113.14	14.14	0.00323
-106.07	7.07	0.00373	-98.99	0.00	0.00434
-91.92	-7.07	0.00508	-84.85	-14.14	0.00598
-77.78	-21.21	0.00710	-70.71	-28.28	0.00847
-67.18	-31.82	0.00928	-63.64	-35.36	0.01019
-61.52	-37.48	0.01079	-60.10	-38.89	0.01122
-58.69	-40.31	0.01166	-57.28	-41.72	0.01215
-55.86	-43.13	0.01270	-43.13	-55.86	0.00991
-41.72	-57.28	0.00933	-40.31	-58.69	0.00884
-38.89	-60.10	0.00842	-37.48	-61.52	0.00803

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	0.00752	-31.82	-67.18	0.00678
-28.28	-70.71	0.00615	-21.21	-77.78	0.00512
-14.14	-84.85	0.00432	-7.07	-91.92	0.00369
0.00	-98.99	0.00318	7.07	-106.07	0.00277
14.14	-113.14	0.00243	21.21	-120.21	0.00214
-113.14	28.28	0.00286	-106.07	21.21	0.00328
-98.99	14.14	0.00378	-91.92	7.07	0.00439
-84.85	0.00	0.00512	-77.78	-7.07	0.00602
-70.71	-14.14	0.00713	-63.64	-21.21	0.00850
-60.10	-24.75	0.00932	-56.57	-28.28	0.01023
-54.45	-30.41	0.01082	-53.03	-31.82	0.01125
-51.62	-33.23	0.01169	-50.20	-34.65	0.01218
-48.79	-36.06	0.01273	-36.06	-48.79	0.00994
-34.65	-50.20	0.00935	-33.23	-51.62	0.00886
-31.82	-53.03	0.00843	-30.41	-54.45	0.00805
-28.28	-56.57	0.00753	-24.75	-60.10	0.00679
-21.21	-63.64	0.00616	-14.14	-70.71	0.00513
-7.07	-77.78	0.00433	0.00	-84.85	0.00369
7.07	-91.92	0.00318	14.14	-98.99	0.00277
21.21	-106.07	0.00242	28.28	-113.14	0.00214
-106.07	35.36	0.00289	-98.99	28.28	0.00331
-91.92	21.21	0.00382	-84.85	14.14	0.00442
-77.78	7.07	0.00515	-70.71	0.00	0.00605
-63.64	-7.07	0.00715	-56.57	-14.14	0.00852
-53.03	-17.68	0.00934	-49.50	-21.21	0.01025
-47.38	-23.33	0.01084	-45.96	-24.75	0.01126
-44.55	-26.16	0.01171	-43.13	-27.58	0.01222
-41.72	-28.99	0.01278	-28.99	-41.72	0.00995
-27.58	-43.13	0.00936	-26.16	-44.55	0.00886
-24.75	-45.96	0.00844	-23.33	-47.38	0.00806
-21.21	-49.50	0.00754	-17.68	-53.03	0.00680
-14.14	-56.57	0.00616	-7.07	-63.64	0.00513
0.00	-70.71	0.00433	7.07	-77.78	0.00369
14.14	-84.85	0.00318	21.21	-91.92	0.00276

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-98.99	0.00242	35.36	-106.07	0.00213
-98.99	42.43	0.00292	-91.92	35.36	0.00335
-84.85	28.28	0.00385	-77.78	21.21	0.00445
-70.71	14.14	0.00518	-63.64	7.07	0.00607
-56.57	0.00	0.00717	-49.50	-7.07	0.00854
-45.96	-10.61	0.00935	-42.43	-14.14	0.01026

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01085	-38.89	-17.68	0.01128
-37.48	-19.09	0.01172	-36.06	-20.51	0.01223
-34.65	-21.92	0.01279	-21.92	-34.65	0.00996
-20.51	-36.06	0.00937	-19.09	-37.48	0.00887
-17.68	-38.89	0.00845	-16.26	-40.31	0.00806
-14.14	-42.43	0.00754	-10.61	-45.96	0.00680
-7.07	-49.50	0.00616	0.00	-56.57	0.00513
7.07	-63.64	0.00433	14.14	-70.71	0.00369
21.21	-77.78	0.00317	28.28	-84.85	0.00275
35.36	-91.92	0.00241	42.43	-98.99	0.00212
-91.92	49.50	0.00295	-84.85	42.43	0.00337
-77.78	35.36	0.00387	-70.71	28.28	0.00447
-63.64	21.21	0.00519	-56.57	14.14	0.00608
-49.50	7.07	0.00718	-42.43	0.00	0.00855
-38.89	-3.54	0.00936	-35.36	-7.07	0.01026
-33.23	-9.19	0.01086	-31.82	-10.61	0.01128
-30.41	-12.02	0.01173	-28.99	-13.44	0.01222
-27.58	-14.85	0.01278	-14.85	-27.58	0.00994
-13.44	-28.99	0.00936	-12.02	-30.41	0.00887
-10.61	-31.82	0.00844	-9.19	-33.23	0.00806
-7.07	-35.36	0.00754	-3.54	-38.89	0.00680
0.00	-42.43	0.00616	7.07	-49.50	0.00513
14.14	-56.57	0.00432	21.21	-63.64	0.00368
28.28	-70.71	0.00316	35.36	-77.78	0.00274
42.43	-84.85	0.00239	49.50	-91.92	0.00211
-84.85	56.57	0.00297	-77.78	49.50	0.00338
-70.71	42.43	0.00388	-63.64	35.36	0.00448
-56.57	28.28	0.00520	-49.50	21.21	0.00609

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	14.14	0.00719	-35.36	7.07	0.00856
-31.82	3.54	0.00936	-28.28	0.00	0.01027
-26.16	-2.12	0.01086	-24.75	-3.54	0.01128
-23.33	-4.95	0.01173	-21.92	-6.36	0.01221
-20.51	-7.78	0.01277	-7.78	-20.51	0.00993
-6.36	-21.92	0.00935	-4.95	-23.33	0.00886
-3.54	-24.75	0.00843	-2.12	-26.16	0.00805
0.00	-28.28	0.00753	3.54	-31.82	0.00679
7.07	-35.36	0.00615	14.14	-42.43	0.00512
21.21	-49.50	0.00431	28.28	-56.57	0.00366
35.36	-63.64	0.00315	42.43	-70.71	0.00273
49.50	-77.78	0.00238	56.57	-84.85	0.00209

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

17:53:19

\*\*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	0.00298	-70.71	56.57	0.00340
-63.64	49.50	0.00389	-56.57	42.43	0.00449
-49.50	35.36	0.00521	-42.43	28.28	0.00609
-35.36	21.21	0.00719	-28.28	14.14	0.00855
-24.75	10.61	0.00936	-21.21	7.07	0.01026
-19.09	4.95	0.01085	-17.68	3.54	0.01127
-16.26	2.12	0.01172	-14.85	0.71	0.01220
-13.44	-0.71	0.01275	-0.71	-13.44	0.00992
0.71	-14.85	0.00934	2.12	-16.26	0.00885
3.54	-17.68	0.00842	4.95	-19.09	0.00803
7.07	-21.21	0.00752	10.61	-24.75	0.00677
14.14	-28.28	0.00614	21.21	-35.36	0.00510
28.28	-42.43	0.00429	35.36	-49.50	0.00365
42.43	-56.57	0.00313	49.50	-63.64	0.00271
56.57	-70.71	0.00236	63.64	-77.78	0.00207
-70.71	70.71	0.00298	-63.64	63.64	0.00340
-56.57	56.57	0.00389	-49.50	49.50	0.00449
-42.43	42.43	0.00520	-35.36	35.36	0.00608
-28.28	28.28	0.00718	-21.21	21.21	0.00854
-17.68	17.68	0.00935	-14.14	14.14	0.01025
-12.02	12.02	0.01083	-10.61	10.61	0.01125
-9.19	9.19	0.01170	-7.78	7.78	0.01219

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-6.36	6.36	0.01274	6.36	-6.36	0.00990
7.78	-7.78	0.00932	9.19	-9.19	0.00883
10.61	-10.61	0.00840	12.02	-12.02	0.00801
14.14	-14.14	0.00750	17.68	-17.68	0.00675
21.21	-21.21	0.00612	28.28	-28.28	0.00508
35.36	-35.36	0.00427	42.43	-42.43	0.00363
49.50	-49.50	0.00311	56.57	-56.57	0.00269
63.64	-63.64	0.00234	70.71	-70.71	0.00204
-63.64	77.78	0.00299	-56.57	70.71	0.00340
-49.50	63.64	0.00389	-42.43	56.57	0.00448
-35.36	49.50	0.00520	-28.28	42.43	0.00607
-21.21	35.36	0.00716	-14.14	28.28	0.00853
-10.61	24.75	0.00933	-7.07	21.21	0.01022
-4.95	19.09	0.01082	-3.54	17.68	0.01124
-2.12	16.26	0.01169	-0.71	14.85	0.01217
0.71	13.44	0.01271	13.44	0.71	0.00988
14.85	-0.71	0.00929	16.26	-2.12	0.00881
17.68	-3.54	0.00837	19.09	-4.95	0.00799

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

17:53:19  
 \*\*MODELOPTs:  
 PAGE 133  
 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	0.00747	24.75	-10.61	0.00673
28.28	-14.14	0.00609	35.36	-21.21	0.00505
42.43	-28.28	0.00424	49.50	-35.36	0.00360
56.57	-42.43	0.00308	63.64	-49.50	0.00266
70.71	-56.57	0.00231	77.78	-63.64	0.00202
-56.57	84.85	0.00298	-49.50	77.78	0.00339
-42.43	70.71	0.00388	-35.36	63.64	0.00447
-28.28	56.57	0.00518	-21.21	49.50	0.00606
-14.14	42.43	0.00715	-7.07	35.36	0.00850
-3.54	31.82	0.00930	0.00	28.28	0.01020
2.12	26.16	0.01080	3.54	24.75	0.01122
4.95	23.33	0.01166	6.36	21.92	0.01214
7.78	20.51	0.01269	20.51	7.78	0.00985
21.92	6.36	0.00927	23.33	4.95	0.00878
24.75	3.54	0.00835	26.16	2.12	0.00796
28.28	0.00	0.00744	31.82	-3.54	0.00669

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-7.07	0.00606	42.43	-14.14	0.00502
49.50	-21.21	0.00421	56.57	-28.28	0.00357
63.64	-35.36	0.00305	70.71	-42.43	0.00263
77.78	-49.50	0.00228	84.85	-56.57	0.00199
-49.50	91.92	0.00298	-42.43	84.85	0.00338
-35.36	77.78	0.00387	-28.28	70.71	0.00445
-21.21	63.64	0.00516	-14.14	56.57	0.00603
-7.07	49.50	0.00712	0.00	42.43	0.00847
3.54	38.89	0.00927	7.07	35.36	0.01018
9.19	33.23	0.01077	10.61	31.82	0.01119
12.02	30.41	0.01163	13.44	28.99	0.01211
14.85	27.58	0.01266	27.58	14.85	0.00983
28.99	13.44	0.00924	30.41	12.02	0.00874
31.82	10.61	0.00831	33.23	9.19	0.00792
35.36	7.07	0.00740	38.89	3.54	0.00666
42.43	0.00	0.00602	49.50	-7.07	0.00498
56.57	-14.14	0.00418	63.64	-21.21	0.00354
70.71	-28.28	0.00302	77.78	-35.36	0.00259
84.85	-42.43	0.00224	91.92	-49.50	0.00195
-42.43	98.99	0.00296	-35.36	91.92	0.00337
-28.28	84.85	0.00385	-21.21	77.78	0.00443
-14.14	70.71	0.00514	-7.07	63.64	0.00601
0.00	56.57	0.00709	7.07	49.50	0.00843
10.61	45.96	0.00924	14.14	42.43	0.01014

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

17:53:19  
 \*\*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	0.01072	17.68	38.89	0.01114
19.09	37.48	0.01158	20.51	36.06	0.01209
21.92	34.65	0.01265	34.65	21.92	0.00979
36.06	20.51	0.00919	37.48	19.09	0.00869
38.89	17.68	0.00826	40.31	16.26	0.00788
42.43	14.14	0.00736	45.96	10.61	0.00661
49.50	7.07	0.00597	56.57	0.00	0.00494
63.64	-7.07	0.00414	70.71	-14.14	0.00350
77.78	-21.21	0.00298	84.85	-28.28	0.00256
91.92	-35.36	0.00220	98.99	-42.43	0.00191

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	106.07	0.00295	-28.28	98.99	0.00335
-21.21	91.92	0.00382	-14.14	84.85	0.00440
-7.07	77.78	0.00510	0.00	70.71	0.00597
7.07	63.64	0.00705	14.14	56.57	0.00840
17.68	53.03	0.00919	21.21	49.50	0.01009
23.33	47.38	0.01068	24.75	45.96	0.01110
26.16	44.55	0.01154	27.58	43.13	0.01204
28.99	41.72	0.01260	41.72	28.99	0.00973
43.13	27.58	0.00915	44.55	26.16	0.00865
45.96	24.75	0.00822	47.38	23.33	0.00783
49.50	21.21	0.00731	53.03	17.68	0.00656
56.57	14.14	0.00592	63.64	7.07	0.00489
70.71	0.00	0.00409	77.78	-7.07	0.00345
84.85	-14.14	0.00293	91.92	-21.21	0.00251
98.99	-28.28	0.00216	106.07	-35.36	0.00187
-28.28	113.14	0.00293	-21.21	106.07	0.00332
-14.14	98.99	0.00379	-7.07	91.92	0.00437
0.00	84.85	0.00507	7.07	77.78	0.00593
14.14	70.71	0.00700	21.21	63.64	0.00835
24.75	60.10	0.00915	28.28	56.57	0.01004
30.41	54.45	0.01062	31.82	53.03	0.01105
33.23	51.62	0.01149	34.65	50.20	0.01197
36.06	48.79	0.01253	48.79	36.06	0.00966
50.20	34.65	0.00908	51.62	33.23	0.00858
53.03	31.82	0.00816	54.45	30.41	0.00777
56.57	28.28	0.00725	60.10	24.75	0.00650
63.64	21.21	0.00587	70.71	14.14	0.00484
77.78	7.07	0.00403	84.85	0.00	0.00340
91.92	-7.07	0.00288	98.99	-14.14	0.00246
106.07	-21.21	0.00211	113.14	-28.28	0.00182

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

17:53:19  
 \*\*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	0.00291	-14.14	113.14	0.00329
-7.07	106.07	0.00376	0.00	98.99	0.00433
7.07	91.92	0.00502	14.14	84.85	0.00588
21.21	77.78	0.00695	28.28	70.71	0.00829

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

31.82	67.18	0.00908	35.36	63.64	0.00997
37.48	61.52	0.01056	38.89	60.10	0.01098
40.31	58.69	0.01142	41.72	57.28	0.01190
43.13	55.86	0.01245	55.86	43.13	0.00959
57.28	41.72	0.00900	58.69	40.31	0.00852
60.10	38.89	0.00809	61.52	37.48	0.00770
63.64	35.36	0.00718	67.18	31.82	0.00643
70.71	28.28	0.00580	77.78	21.21	0.00477
84.85	14.14	0.00397	91.92	7.07	0.00334
98.99	0.00	0.00282	106.07	-7.07	0.00240
113.14	-14.14	0.00205	120.21	-21.21	0.00177
-14.14	127.28	0.00288	-7.07	120.21	0.00326
0.00	113.14	0.00372	7.07	106.07	0.00428
14.14	98.99	0.00497	21.21	91.92	0.00582
28.28	84.85	0.00689	35.36	77.78	0.00822
38.89	74.25	0.00901	42.43	70.71	0.00990
44.55	68.59	0.01048	45.96	67.18	0.01090
47.38	65.76	0.01134	48.79	64.35	0.01182
50.20	62.93	0.01237	62.93	50.20	0.00950
64.35	48.79	0.00892	65.76	47.38	0.00843
67.18	45.96	0.00800	68.59	44.55	0.00762
70.71	42.43	0.00710	74.25	38.89	0.00636
77.78	35.36	0.00573	84.85	28.28	0.00470
91.92	21.21	0.00390	98.99	14.14	0.00327
106.07	7.07	0.00275	113.14	0.00	0.00233
120.21	-7.07	0.00199	127.28	-14.14	0.00171
-7.07	134.35	0.00285	0.00	127.28	0.00322
7.07	120.21	0.00367	14.14	113.14	0.00423
21.21	106.07	0.00491	28.28	98.99	0.00576
35.36	91.92	0.00682	42.43	84.85	0.00815
45.96	81.32	0.00893	49.50	77.78	0.00981
51.62	75.66	0.01039	53.03	74.25	0.01081
54.45	72.83	0.01125	55.86	71.42	0.01173
57.28	70.00	0.01228	70.00	57.28	0.00942
71.42	55.86	0.00883	72.83	54.45	0.00834
74.25	53.03	0.00791	75.66	51.62	0.00753

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 \*\*\*



12NCRA\_NAPA95-300\_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	0.00701	81.32	45.96	0.00627
84.85	42.43	0.00564	91.92	35.36	0.00461
98.99	28.28	0.00382	106.07	21.21	0.00318
113.14	14.14	0.00267	120.21	7.07	0.00226
127.28	0.00	0.00193	134.35	-7.07	0.00166
0.00	141.42	0.00282	7.07	134.35	0.00318
14.14	127.28	0.00362	21.21	120.21	0.00417
28.28	113.14	0.00484	35.36	106.07	0.00568
42.43	98.99	0.00673	49.50	91.92	0.00806
53.03	88.39	0.00884	56.57	84.85	0.00971
58.69	82.73	0.01029	60.10	81.32	0.01071
61.52	79.90	0.01115	62.93	78.49	0.01163
64.35	77.07	0.01217	77.07	64.35	0.00931
78.49	62.93	0.00872	79.90	61.52	0.00823
81.32	60.10	0.00780	82.73	58.69	0.00742
84.85	56.57	0.00690	88.39	53.03	0.00616
91.92	49.50	0.00554	98.99	42.43	0.00452
106.07	35.36	0.00372	113.14	28.28	0.00309
120.21	21.21	0.00259	127.28	14.14	0.00218
134.35	7.07	0.00185	141.42	0.00	0.00159
7.07	148.49	0.00278	14.14	141.42	0.00314
21.21	134.35	0.00357	28.28	127.28	0.00410
35.36	120.21	0.00476	42.43	113.14	0.00559
49.50	106.07	0.00664	56.57	98.99	0.00795
60.10	95.46	0.00872	63.64	91.92	0.00960
65.76	89.80	0.01019	67.18	88.39	0.01060
68.59	86.97	0.01103	70.00	85.56	0.01151
71.42	84.15	0.01205	84.15	71.42	0.00919
85.56	70.00	0.00860	86.97	68.59	0.00811
88.39	67.18	0.00768	89.80	65.76	0.00730
91.92	63.64	0.00678	95.46	60.10	0.00604
98.99	56.57	0.00542	106.07	49.50	0.00440
113.14	42.43	0.00362	120.21	35.36	0.00299
127.28	28.28	0.00249	134.35	21.21	0.00209
141.42	14.14	0.00178	148.49	7.07	0.00153
14.14	155.56	0.00274	21.21	148.49	0.00309
28.28	141.42	0.00352	35.36	134.35	0.00403
42.43	127.28	0.00468	49.50	120.21	0.00550
56.57	113.14	0.00653	63.64	106.07	0.00782
67.18	102.53	0.00860	70.71	98.99	0.00948

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	0.01005	74.25	95.46	0.01046	
75.66	94.05	0.01090	77.07	92.63	0.01137	
78.49	91.22	0.01191	91.22	78.49	0.00905	
92.63	77.07	0.00846	94.05	75.66	0.00796	
95.46	74.25	0.00754	96.87	72.83	0.00715	
98.99	70.71	0.00664	102.53	67.18	0.00591	
106.07	63.64	0.00528	113.14	56.57	0.00427	
120.21	49.50	0.00349	127.28	42.43	0.00287	
134.35	35.36	0.00238	141.42	28.28	0.00200	
148.49	21.21	0.00170	155.56	14.14	0.00146	
21.21	162.63	0.00270	28.28	155.56	0.00304	
35.36	148.49	0.00345	42.43	141.42	0.00396	
49.50	134.35	0.00459	56.57	127.28	0.00538	
63.64	120.21	0.00640	70.71	113.14	0.00768	
74.25	109.60	0.00846	77.78	106.07	0.00932	
79.90	103.94	0.00989	81.32	102.53	0.01029	
82.73	101.12	0.01073	84.15	99.70	0.01122	
85.56	98.29	0.01177	98.29	85.56	0.00888	
99.70	84.15	0.00829	101.12	82.73	0.00779	
102.53	81.32	0.00736	103.94	79.90	0.00699	
106.07	77.78	0.00647	109.60	74.25	0.00574	
113.14	70.71	0.00512	120.21	63.64	0.00412	
127.28	56.57	0.00334	134.35	49.50	0.00273	
141.42	42.43	0.00226	148.49	35.36	0.00190	
155.56	28.28	0.00162	162.63	21.21	0.00140	
28.28	169.71	0.00266	35.36	162.63	0.00299	
42.43	155.56	0.00339	49.50	148.49	0.00388	
56.57	141.42	0.00449	63.64	134.35	0.00526	
70.71	127.28	0.00626	77.78	120.21	0.00753	
81.32	116.67	0.00829	84.85	113.14	0.00914	
86.97	111.02	0.00971	88.39	109.60	0.01011	
89.80	108.19	0.01054	91.22	106.77	0.01103	
92.63	105.36	0.01157	105.36	92.63	0.00867	
106.77	91.22	0.00809	108.19	89.80	0.00759	
109.60	88.39	0.00717	111.02	86.97	0.00679	
113.14	84.85	0.00628	116.67	81.32	0.00555	

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	77.78	0.00494	127.28	70.71	0.00394
134.35	63.64	0.00317	141.42	56.57	0.00259
148.49	49.50	0.00214	155.56	42.43	0.00180
162.63	35.36	0.00154	169.71	28.28	0.00133

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	0.00261	42.43	169.71	0.00293
49.50	162.63	0.00332	56.57	155.56	0.00379
63.64	148.49	0.00438	70.71	141.42	0.00513
77.78	134.35	0.00610	84.85	127.28	0.00734
88.39	123.74	0.00809	91.92	120.21	0.00893
94.05	118.09	0.00949	95.46	116.67	0.00989
96.87	115.26	0.01031	98.29	113.84	0.01079
99.70	112.43	0.01133	112.43	99.70	0.00841
113.84	98.29	0.00784	115.26	96.87	0.00735
116.67	95.46	0.00693	118.09	94.05	0.00656
120.21	91.92	0.00605	123.74	88.39	0.00533
127.28	84.85	0.00472	134.35	77.78	0.00373
141.42	70.71	0.00298	148.49	63.64	0.00243
155.56	56.57	0.00202	162.63	49.50	0.00171
169.71	42.43	0.00146	176.78	35.36	0.00127
42.43	183.85	0.00256	49.50	176.78	0.00287
56.57	169.71	0.00325	63.64	162.63	0.00370
70.71	155.56	0.00427	77.78	148.49	0.00499
84.85	141.42	0.00592	91.92	134.35	0.00713
95.46	130.81	0.00786	98.99	127.28	0.00869
101.12	125.16	0.00924	102.53	123.74	0.00963
103.94	122.33	0.01005	105.36	120.92	0.01050
106.77	119.50	0.01104	119.50	106.77	0.00812
120.92	105.36	0.00754	122.33	103.94	0.00706
123.74	102.53	0.00665	125.16	101.12	0.00627
127.28	98.99	0.00578	130.81	95.46	0.00506
134.35	91.92	0.00446	141.42	84.85	0.00349
148.49	77.78	0.00278	155.56	70.71	0.00227
162.63	63.64	0.00189	169.71	56.57	0.00161
176.78	49.50	0.00138	183.85	42.43	0.00120

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	190.92	0.00252	56.57	183.85	0.00281
63.64	176.78	0.00317	70.71	169.71	0.00361
77.78	162.63	0.00416	84.85	155.56	0.00485
91.92	148.49	0.00573	98.99	141.42	0.00688
102.53	137.89	0.00759	106.07	134.35	0.00840
108.19	132.23	0.00893	109.60	130.81	0.00931
111.02	129.40	0.00973	112.43	127.99	0.01018
113.84	126.57	0.01069	126.57	113.84	0.00776
127.99	112.43	0.00719	129.40	111.02	0.00672
130.81	109.60	0.00631	132.23	108.19	0.00594

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	0.00544	137.89	102.53	0.00474
141.42	98.99	0.00414	148.49	91.92	0.00321
155.56	84.85	0.00257	162.63	77.78	0.00211
169.71	70.71	0.00177	176.78	63.64	0.00151
183.85	56.57	0.00130	190.92	49.50	0.00114
56.57	197.99	0.00247	63.64	190.92	0.00275
70.71	183.85	0.00310	77.78	176.78	0.00352
84.85	169.71	0.00404	91.92	162.63	0.00469
98.99	155.56	0.00553	106.07	148.49	0.00661
109.60	144.96	0.00728	113.14	141.42	0.00805
115.26	139.30	0.00857	116.67	137.89	0.00895
118.09	136.47	0.00935	119.50	135.06	0.00979
120.92	133.64	0.01029	133.64	120.92	0.00734
135.06	119.50	0.00677	136.47	118.09	0.00630
137.89	116.67	0.00589	139.30	115.26	0.00553
141.42	113.14	0.00504	144.96	109.60	0.00434
148.49	106.07	0.00377	155.56	98.99	0.00292
162.63	91.92	0.00236	169.71	84.85	0.00195
176.78	77.78	0.00165	183.85	70.71	0.00141
190.92	63.64	0.00122	197.99	56.57	0.00107
63.64	205.06	0.00243	70.71	197.99	0.00270
77.78	190.92	0.00303	84.85	183.85	0.00343
91.92	176.78	0.00392	98.99	169.71	0.00454
106.07	162.63	0.00532	113.14	155.56	0.00633

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

116.67	152.03	0.00695	120.21	148.49	0.00766
122.33	146.37	0.00816	123.74	144.96	0.00852
125.16	143.54	0.00891	126.57	142.13	0.00933
127.99	140.71	0.00982	140.71	127.99	0.00682
142.13	126.57	0.00626	143.54	125.16	0.00579
144.96	123.74	0.00538	146.37	122.33	0.00502
148.49	120.21	0.00454	152.03	116.67	0.00388
155.56	113.14	0.00337	162.63	106.07	0.00264
169.71	98.99	0.00216	176.78	91.92	0.00180
183.85	84.85	0.00153	190.92	77.78	0.00131
197.99	70.71	0.00114	205.06	63.64	0.00100
70.71	212.13	0.00240	77.78	205.06	0.00266
84.85	197.99	0.00297	91.92	190.92	0.00335
98.99	183.85	0.00381	106.07	176.78	0.00439
113.14	169.71	0.00512	120.21	162.63	0.00605
123.74	159.10	0.00661	127.28	155.56	0.00726

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
129.40	153.44	0.00771	130.81	152.03	0.00803
132.23	150.61	0.00839	133.64	149.20	0.00879
135.06	147.79	0.00925	147.79	135.06	0.00618
149.20	133.64	0.00561	150.61	132.23	0.00515
152.03	130.81	0.00476	153.44	129.40	0.00441
155.56	127.28	0.00397	159.10	123.74	0.00340
162.63	120.21	0.00298	169.71	113.14	0.00238
176.78	106.07	0.00196	183.85	98.99	0.00164
190.92	91.92	0.00140	197.99	84.85	0.00121
205.06	77.78	0.00105	212.13	70.71	0.00093
77.78	219.20	0.00236	84.85	212.13	0.00262
91.92	205.06	0.00292	98.99	197.99	0.00328
106.07	190.92	0.00372	113.14	183.85	0.00426
120.21	176.78	0.00494	127.28	169.71	0.00578
130.81	166.17	0.00630	134.35	162.63	0.00688
136.47	160.51	0.00726	137.89	159.10	0.00754
139.30	157.68	0.00784	140.71	156.27	0.00818
142.13	154.86	0.00860	154.86	142.13	0.00535

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

156.27	140.71	0.00481	157.68	139.30	0.00439
159.10	137.89	0.00405	160.51	136.47	0.00377
162.63	134.35	0.00342	166.17	130.81	0.00297
169.71	127.28	0.00263	176.78	120.21	0.00212
183.85	113.14	0.00176	190.92	106.07	0.00149
197.99	98.99	0.00128	205.06	91.92	0.00111
212.13	84.85	0.00098	219.20	77.78	0.00086
84.85	226.27	0.00233	91.92	219.20	0.00258
98.99	212.13	0.00287	106.07	205.06	0.00322
113.14	197.99	0.00364	120.21	190.92	0.00416
127.28	183.85	0.00480	134.35	176.78	0.00559
137.89	173.24	0.00606	141.42	169.71	0.00657
143.54	167.58	0.00689	144.96	166.17	0.00711
146.37	164.76	0.00735	147.79	163.34	0.00761
149.20	161.93	0.00791	161.93	149.20	0.00439
163.34	147.79	0.00399	164.76	146.37	0.00368
166.17	144.96	0.00343	167.58	143.54	0.00322
169.71	141.42	0.00295	173.24	137.89	0.00259
176.78	134.35	0.00231	183.85	127.28	0.00189
190.92	120.21	0.00159	197.99	113.14	0.00136
205.06	106.07	0.00118	212.13	98.99	0.00103
219.20	91.92	0.00091	226.27	84.85	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00230	98.99	226.27	0.00254
106.07	219.20	0.00282	113.14	212.13	0.00316
120.21	205.06	0.00356	127.28	197.99	0.00406
134.35	190.92	0.00467	141.42	183.85	0.00542
144.96	180.31	0.00585	148.49	176.78	0.00630
150.61	174.66	0.00658	152.03	173.24	0.00675
153.44	171.83	0.00691	154.86	170.41	0.00704
156.27	169.00	0.00711	169.00	156.27	0.00378
170.41	154.86	0.00350	171.83	153.44	0.00326
173.24	152.03	0.00306	174.66	150.61	0.00288
176.78	148.49	0.00266	180.31	144.96	0.00235
183.85	141.42	0.00211	190.92	134.35	0.00174

12NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_NE-SW Bound

197.99	127.28	0.00147	205.06	120.21	0.00127
212.13	113.14	0.00110	219.20	106.07	0.00097
226.27	98.99	0.00086	233.35	91.92	0.00077
98.99	240.42	0.00226	106.07	233.35	0.00249
113.14	226.27	0.00276	120.21	219.20	0.00308
127.28	212.13	0.00346	134.35	205.06	0.00391
141.42	197.99	0.00444	148.49	190.92	0.00500
152.03	187.38	0.00525	155.56	183.85	0.00540
157.68	181.73	0.00541	159.10	180.31	0.00539
160.51	178.90	0.00533	161.93	177.48	0.00523
163.34	176.07	0.00511	176.07	163.34	0.00328
177.48	161.93	0.00310	178.90	160.51	0.00292
180.31	159.10	0.00277	181.73	157.68	0.00262
183.85	155.56	0.00243	187.38	152.03	0.00216
190.92	148.49	0.00194	197.99	141.42	0.00162
205.06	134.35	0.00138	212.13	127.28	0.00119
219.20	120.21	0.00104	226.27	113.14	0.00092
233.35	106.07	0.00082	240.42	98.99	0.00074
106.07	247.49	0.00221	113.14	240.42	0.00242
120.21	233.35	0.00267	127.28	226.27	0.00295
134.35	219.20	0.00328	141.42	212.13	0.00364
148.49	205.06	0.00399	155.56	197.99	0.00423
159.10	194.45	0.00426	162.63	190.92	0.00422
164.76	188.80	0.00415	166.17	187.38	0.00409
167.58	185.97	0.00401	169.00	184.55	0.00393
170.41	183.14	0.00384	183.14	170.41	0.00277
184.55	169.00	0.00266	185.97	167.58	0.00255
187.38	166.17	0.00244	188.80	164.76	0.00234

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	0.00219	194.45	159.10	0.00197
197.99	155.56	0.00179	205.06	148.49	0.00150
212.13	141.42	0.00128	219.20	134.35	0.00112
226.27	127.28	0.00099	233.35	120.21	0.00088
240.42	113.14	0.00079	247.49	106.07	0.00071

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 0.00785 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	142.13, 154.86, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	133.64, 149.20, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00785 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	78.49, 91.22, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	70.00, 85.56, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00785 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	6.36, 21.92, 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

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GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00785 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	-48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	-57.28, -41.72, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00785 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA



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	9TH HIGHEST VALUE IS	0.00707 AT (	-112.43,	-99.70,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00701 AT (	-120.92,	-105.36,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01279 AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01278 AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01278 AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01277 AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01275 AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01274 AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01273 AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01271 AT (	0.71,	13.44,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01270 AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01269 AT (	7.78,	20.51,	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 \*\*\*

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

\*\*\* 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 62 Informational Message(s)  
 A Total of 62 Calm Hours Identified

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

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

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